

SPI

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

250 PARK AVENUE • NEW YORK, NEW YORK 10017 • 212/687-2675

SPI BOARD OF DIRECTORS MEETING

MINUTES

Seignior Club
Montebello, Canada
August 7-9, 1968

The meeting convened at 9:05 on August 8 with Chairman Harry M. Jenkins presiding during President Singleton's absence. Mr. Jenkins welcomed the Directors and guests, and then called for self-introductions:

Directors Present:

Lewis J. Adams
Russell B. Akin
Robert C. Appleby
George S. Babcock
Thomas G. Bishop
John W. Burley
Frank A. Cassis
William P. Cole
B. Jarvis Dew
Jack G. High
Joseph Hines
Robert A. Hoffer
Frank A. Hopkins
Earl C. Horton
Harry M. Jenkins
William F. Leach
Robert Lilligren
Kenneth G. Michel
Robert M. Miller
John D. Parsons
H. James Renaud
Roger G. Richards
Stanford H. Shaw
Jerald B. Smith

Evanite Plastics
E. I. du Pont de Nemours & Co., Inc.
Harry Davies Molding Co.
Owens-Illinois
HPM Division; Koehring Co.
PENntube Plastics Co.
Amoco Chemicals Corp.
The Polymer Corp.
Diemolding Corp.
Polymold Plastics; Division of VCA
Thompson Industries Co.
Hoffer Plastics Corp.
UNIROVAL, Inc.
Kusan, Inc.
USS Chemicals; U.S. Steel; Lincoln Molded Plastics
E. I. du Pont de Nemours & Co., Inc.
Lilligren Plastics Machinery
Continental Can Co.
Hercules Inc.
The Daymond Co., Ltd.
Ren Plastics, Inc.
Celanese Corp.
Shaw Insulator Co.
The Cardinal Corp.

Directors Absent:

Clare E. Bacon
Walter J. Dugan
Paul C. Haas
A. A. Hutchings
Clarence M. Neher
Philip A. Singleton

Owens-Corning Fiberglas
General Electric Co.
The Haas Corp.
Stokes Equipment / Pennsalt
Ethyl Corp.
Hood Molded Foam Company, Inc.

Guests Present:

B. J. Danson
Andrew Frame
George Hale
M. M. Hendrick
George W. Ingle
Clement Letarte
E. L. Littlejohn
L. E. Love
T. T. Miller
Donald T. Snow, Jr.
H. William Weinberg

Lanson Corporation Ltd.
Farrel Canada Ltd.
Shawinigan Chemicals Ltd.
Allied Chemical Canada Limited
Monsanto Company
Dominion Comb & Novelty Co.
Union Carbide Canada Limited
Midland Industries Limited
Consultant
Springfield Moulders Inc.
The General Box Co.

SPI Staff Present:

E. R. Evason
Judith D. Gewirtz
Ralph L. Harding, Jr.
Eric G. Salmond

SPI - Canada
SPI, Secretary to the Board
SPI, Executive Vice President
SPI - Canada

MINUTES OF MAY 15-17, 1968 MEETING

Since the Minutes of the previous meeting have been sent in the mail to all Directors, reading of them was omitted. Their acceptance was moved by Mr. Michel, seconded by Mr. Cole, and unanimously approved.

MEETING FORMAT

Chairman Jenkins commented upon the new system of prior mailing to Directors of the reports to be presented at the Board meeting. This will result in more rapid coverage of the reports, but Mr. Jenkins stressed that all Directors should not hesitate to interject with questions or comments.

FINANCIAL

TREASURER'S REPORT: George S. Babcock, Treasurer, reported as follows:

Included in the notebook of reports sent to you last week was a copy of the Society's financial statement as presented by Arthur Young & Company. I hope you have all had an opportunity to review it.

"At the suggestion of our auditors, we have made several changes in the method of presentation of our financial statements. The changes are as follows:

- "1. The presentation of the financials will designate the Society's net assets as (1) general fund balance and (2) special project fund balances. In the prior year's balance sheet, certain special project funds which were not (and still are not) available for the general purposes of the Society were included in the liability section. These are now being presented separately from the general fund and shown as special project funds.
- "2. Certain amounts which the Society had set aside from surplus (now general fund) for contingencies, had been carried in the liability section of the balance sheet and designated as special reserves. These are now being shown in the general fund balance section as appropriated for contingencies.
- "3. Much of the detail heretofore presented in the top financials will be removed and shown in supplementary information. This applies basically to the balance sheet. Any condensing of the expense accounts would probably result in a one line caption, i.e., G & A expense, and this is not acceptable.

"Ralph Harding and Don Pellicano had a long meeting with representatives of Arthur Young & Company on July 18, 1968 to discuss these changes. Ralph and Don were quite concerned that these changes were to be made prior to any discussion with the Board. However, they agreed that the new format had many advantages and should be used. We are assured that the new presentation does not in any way, offset the plans for our new accounting system, which went into effect on June 1, 1968.

"The most immediate and obvious difference in the old format vs. the new one lies in the presentation of total assets of the General Fund as \$1,302,896.00. To this should be added \$169,156.00, representing the cash on hand in the Special Project Funds. Thus, our total assets at the end of the fiscal year 1967-1968 were \$1,472,052.00.

"In the operating statement on the General Fund accounts, you will note that we had an excess of income over expenses of \$18,879.00. While this is down substantially from last year's net of \$71,297, the statement makes it very clear that the Society, however, remains in a very strong financial condition. We exceeded our budget substantially in only two major areas; namely, salaries and public relations.

SPI-25818

"It needs to be pointed out that dues income would not have been sufficient to cover expenses during the past fiscal year. Had it not been for interest income on the investments of the Society, we would have suffered a loss.

"Following is a summary of the cash flow through the Special Project Fund accounts:

Balance June 1, 1967	\$196,110.00
Income 1967-1968	651,008.00
	847,118.00
Less expenses charged to fund 1967-68	691,276.00
Balance	\$155,842.00

"In other words, we drew down the balance on these project funds by a total of \$40,268.00.

"Turning to Page 1 in the supplemental information, I would like to point out that the figure of \$313,247.00, covering cash in banks is actually broken down as follows:

Deposited in <u>Interest-Bearing</u> accounts	\$264,176.00
Canada	23,632.00
SPI - Regular and Payroll accounts	20,794.00
Office Funds, Section Accounts	4,645.00
	\$313,247.00

"In keeping with our established policies, we continue to be invested to the practical limit with cash available for operations of \$20,794. However, we remain sufficiently liquid to meet current accounts payable. Each month a Certificate of Deposit matures on or about the 15th day of every month.

"On Page 2 of the supplemental information, there is a new breakdown of the General Fund balance appropriated for Contingencies. Under the new Arthur Young format, these are now identified as being appropriated for Contingencies rather than as Special Reserves. This breakdown includes a set-aside of \$30,000.00 to cover completion of the Fire Test Program at Illinois Institute of Technology.

"It is obvious that expenses are currently rising faster than income. With the new accounting system, we should be in a position to help the staff keep us in balance during the fiscal year ahead.

Mr. Harding mentioned each Director and guest present had received a comparison sheet relating to actual expenses vs. budget. Those items which are over budget are clearly identified; two in particular being Public Relations, due especially to the Centennial activities, and Chapter Operating, caused by the hiring of additional people and related items having to do with increases for the staff.

Mr. Burley moved to accept the Treasurer's Report, seconded by Mr. Appleby, and the Directors concurred unanimously.

There was discussion on the investment of SPI funds in commercial paper, which continued also on Friday morning.

Mr. Hoffer, commenting on "the Treasurer's Report given yesterday, and specifically relating to the present activities of our funds, it is my understanding that we are restricted in our investments to Government and Bank Certificates of Deposits; I am mindful that commercial paper is another avenue which should be considered by our financial officers. Therefore, I recommend that our Treasurer and staff have the latitude to invest more broadly."

There is nothing in the SPI Bylaws which would restrict this action.

Mr. Babcock stated that there has been a hesitation in the past since such investments might be viewed as favoring one company above another. Mr. Cole mentioned that this could be eliminated by avoiding investments in manufacturing companies.

Mr. Jenkins commented that SPI is now limited to financial institution by previous Board policy and Mr. Richards added that while there may be restrictions, there may be opportunities and this should be reviewed.

Mr. Hoffer suggested checking into this matter and made the following motion: "At the October Board meeting, a proposal should be presented on the addition of commercial paper to The Society's portfolio, with special attention to possible restrictions and limitations." This motion was seconded by Mr. Hopkins and unanimously approved by the Board.

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
EXPENSES VS BUDGET
1967 - 1968

	Budget 1967-1968	Actual Expenses 1967-1968	Over - (Under)
Administrative			
Bulletins	7,000.00	11,375.00	4,375.00
Chapter Operating - General	13,000.00	13,132.00	132.00
Chapter Operating - Salaries	65,000.00	56,966.00	(8,034.00)
Code Advisory		52,496.00	52,496.00
Committee & Division	30,000.00	17,845.00	(12,155.00)
1. Directory	39,000.00	32,477.00	(6,523.00)
Dues & Subscriptions	13,000.00	18,390.00	5,390.00
Electricity	6,000.00	6,063.00	63.00
Executive Group Insurance	3,000.00	2,220.00	(780.00)
* Furniture & Fixtures	4,000.00	3,139.00	(861.00)
Industrial Relations	3,000.00		
Insurance & Bond	3,000.00	2,650.00	(350.00)
Legal Service	6,500.00	7,019.00	519.00
Membership Promotion	58,000.00	99,079.00	41,079.00
Miscellaneous	17,000.00	11,501.00	(5,499.00)
Office Expense	3,000.00	1,951.00	(1,049.00)
Office Supplies	13,000.00	14,777.00	1,777.00
Postage & Express	23,500.00	23,813.00	313.00
Public Relations	24,000.00	26,318.00	2,318.00
Public Relations - Centennial	17,000.00	23,516.00	6,516.00
Rest	20,000.00	33,151.00	13,151.00
Retirement Plan	37,500.00	36,069.00	(1,431.00)
2. Salaries	33,000.00	31,600.00	(1,400.00)
Canadian & Pacific Sections	390,000.00	326,345.00	(63,655.00)
P. P. I. & A. B. S.		(52,496.00)	
3. Construction Council		(102,712.00)	
Directory		(18,530.00)	
Special Service to Members		(3,276.00)	(669.00)
Taxes	21,500.00	28,624.00	7,124.00
Technical Expense	10,000.00	12,875.00	2,875.00
Telephone & Telegraph	18,000.00	17,032.00	(968.00)
Travel	20,000.00	21,060.00	1,060.00
	55,000.00	41,607.00	(13,393.00)
Contingencies	911,000.00	955,735.00	44,735.00
	18,000.00	15,263.00	(2,737.00)
	929,000.00	971,359.00	42,359.00
Depreciation		5,160.00	5,160.00
Provision for Doubtful Accounts		3,789.00	3,789.00
Meeting Expense		3,155.00	3,155.00
Clerical Services		3,055.00	3,055.00
* Furniture & Fixtures	929,000.00	946,518.00	17,518.00
	(3,000.00)		
	926,000.00	946,518.00	20,518.00

RECAPITULATION

Total Expenses	986,518.00
Salaries Allocated to N. P. E.	(25,000.00)
Net Expenses	961,518.00
 Total Income	 980,397.00
Net Expenses	961,518.00
Excess of Income Over Expenses	18,879.00

(1) Does Not Include \$5,000.00 Reserve set-up in Fiscal 1967-1968

(2) Actual SPI Salaries after Allocations

349,331.00

(3) Net of \$4,957.00 absorbed by the Society

The Directors considered the following companies for election to membership, including those listed on the "Supplemental Agenda," and all companies were unanimously accepted.

PENDING APPLICATIONS

ELECTION TO MEMBERSHIP: COMPANIES

Advanced Packaging, Incorporated Carson, California	(L. Bleich)	Molder
Brown Plastics Engineering, Co., Inc. Glenview, Illinois	(R. D. Brown)	Machinery
Cargill, Incorporated Lynwood, California	(H. Wakano)	Material
Columbia Plastics Corp. Montreal, Quebec, Canada	(A. Pederman)	Molder
Eaton Yale & Towne, Inc. South Euclid, Ohio	(J. E. Burwell)	Cellular
General Box Company Chem-Foam Engineering Division Des Plaines, Illinois	(H. W. Weinberg)	Cellular
General Plastics Company Limited Cookshire, P.Q., Canada	(R. L. Calder)	Extruder & Molder
Industria E Comercio "Trorion" S/A Sao Paulo, Brazil	(V. Demant)	Reinforced
Koch Products Company Wichita, Kansas	(D. M. Joseph)	Fabricator
Kenner Industrial Products Div. of A.J. Industries, Inc. Knoxville, Arkansas	(L. W. Patchen)	Reinforced
Metales Industriales, S.A. Panama, Republic of Panama	(M. R. Ross)	Extruder
Metropolitan Die & Mold, Inc. Pasadena, California	(W. H. Pfeifroth)	Molder
Permall (Canada) Limited Malton, Ontario, Canada	(R. J. Yates)	Fabricator
Plastic Omnium Levallois/Perret, France	(J. Burelle)	Fluorocarbon

ELECTION TO MEMBERSHIP: COMPANIES (Continued)

Rainbow Glass Fibre Products Ltd.
Kowloon, Hong Kong

(L. B. Ross)

Reinforced

ELECTION TO MEMBERSHIP: INDIVIDUALS

Karl S. Burke
E. J. Bowman
William R. Bolton
John Clark
Ronald F. Jarman
John B. Jenks
Morris Klimboff
Leo Kogan
Jack A. LaBrie
Leo Landers
F. R. MacKinnis
Joseph M. McDonald
Ronald Leslie Pastorino
Stan F. Peters
Werner K. Ruegg
Richard P. Sands
M. B. Scott
George W. Townsend
Donald M. Wallace

W. D. Watkins

General Tire & Rubber Company
Rahn Metals Limited
Vypak Company Division, Ethyl Corporation
Brown Plastics Engineering Co., Inc.
Orange Engineering & Machine Co., Inc.
Owens-Corning Fiberglass
American Cyanamid Company
Retired member
Delta American Corporation
American Cyanamid Company
Severna Division, Amphenol Corp.
Sweetheart Plastics, Inc.
U.S. Peroxygen Div., Argus Chemical Corp.
Amoco Chemicals Corporation
Q.E.D. Plastics, Inc.
Vypak Company Division, Ethyl Corporation
Eastman Chemical Products, Inc.
Garlock Inc.
Delaware Plastics Division,
Container Corporation of America
Adams United Company

ELECTION TO MEMBERSHIP: PROFESSIONALS

J. Gordon Davoud
Milton A. Sanders

Richmond, Virginia
Kitakawachi-gun, Osaka, Japan

SUPPLEMENTAL AGENDA

ELECTION TO MEMBERSHIP: COMPANIES

Architectural Fiberglass Los Angeles, California	(Max Lawrence)	Reinforced
Asahi Chemical Industry Co., Ltd. Tokyo, Japan	(Itsuo Aishima)	Materials
Bell Telephone Laboratories, Inc. Murray Hill, New Jersey	(G. H. Williams)	Associate
Borg Warner Pipe & Products Kansas City, Missouri	(Brett Rich)	Extruder
Canada Cup Limited Toronto, Ontario, Canada	(T. Thomas)	Molder
Dynamit Nobel A. G. Trolsdorf, West Germany	(Albert K. Mauch)	Fabricator
Jan & Schuyler Co., Inc. El Monte, California	(Peter Jan)	Molder
Johnson Division Leeson Corporation Chippewa Falls, Wisconsin	(George W. Dingman)	Machinery
Process Control Corporation Atlanta, Georgia	(Joe D. Robertson)	Machinery
Reo Plastics Co., Inc. Costa Mesa, California	(Gene A. Brost)	Molder
Web Plastics Co., Inc. Richwood, Ohio	(Donald J. Weber)	Extruder

NEW MEMBERS: INDIVIDUALS

Duane Bond
Rexford Bradt
Louis P. Cipriani
Arnold Darrow
James J. Young

Quinn-berry Div. (Hoover Ball & Bearing Co.)
Reinstatement - Fiberfil Division
American Cyanamid Company
Cee Bee Mfg. Co., Inc.
Owens-Corning Fiberglass Corp.

Mr. Harding noted that consolidations and mergers are, and will continue to be, the prime concern in decreasing membership in The Society.

RESIGNATIONS AND CONSOLIDATIONS*: COMPANY

REASONS FOR RESIGNATIONS

Blow Molded Products Division
Bemis Company, Inc.
Minneapolis, Minn.

Budgetary Limitations

The Carbons Corp.
Boonton, N.J.

No longer in plastics.

Claremont Polychemical Corp.
Roslyn Heights, N.Y.

No reason.

Kaysen Plastics & Chemicals Ltd.*
Preston, Ontario, Canada

Part of Polymer Corp. Ltd.

Lor-El Co.
Jersey City, N.J.

Operations not served by SPI.

Midland Die & Engraving Company
Addison, Ill.

Chapter XI

Mold-Tech
Youngstown, Ohio

Acquired by Standard International Corp.

Pennsylvania Glass Sand Corp.
Pittsburgh, Pa.

Limited participation in plastic market.

Perfectaire Equipment Co., Inc.
Cambridge, Mass.

Entered into creditors agreement.

Toray New York, Inc.
Sub. of Toyo Rayon Co. Ltd.
New York, N.Y.

No reason.

COMPANIES DROPPED: DELINQUENT DUES

Arokey Chemical Industries Limited
Olympic Plastics Company
Div. of Outter Laboratories
Stanford Applied Engineering, Inc.

Karachi-2, West Pakistan
Los Angeles, California
Santa Clara, California

RESIGNATIONS: INDIVIDUALS - REASONS INDICATED

J. Paul Ahlbrandt, National Plastics Co.
Clifford G. Baker, Uniloy Div.
Hoover Ball & Bearing Co.
Charles O. Barron, The Delta Co.
James A. Bell, Adanson United Co.
Leland L. Berry, Quinn-Berry Corp.
S. Duncan Bradley, Macoid Industries, Inc.
G. W. Carpenter, Eastman Chemical Products, Inc.
Harold Chapman, D-M-F Corporation
John D. Benedito, Union Carbide Corp.
James M. Connors, Modern Plastics Magazine
McGraw-Hill, Inc.
R. L. Fornshell, Extrado Film Corporation
Jack Frye, Eastman Chemical Products, Inc.
Edward Goldsmith, Parker Kalon Division
General American Transportation Corp.
Paul A. Hammes, Merck & Co., Inc.
Loren J. Kov, Stauffer Chemical Co.
Richard S. Murford, BASF Corporation
James E. Hutchins, Eastman Chemical Products, Inc.
Peter Johnston, Atlas Chemical Industries
Canada Ltd.
John B. Lavezsorio, Merck Chemical Division
Merck & Co., Inc.
Herman B. Lerner
E. J. Macchia, Thompson Industries Co., Inc.
C. Gustav Magnuson, American Cyanamid Co.
Kennedy M. Nahas, Naugatuck-Rumianca S.P.A.
T. G. Nock, Shell Chemical Company
Gustav L. Ottens.
J. W. Pillinger, Consolidated Molded Products,
Div. of Republic Corp.
J. H. Ruskin, American Cyanamid Co.
B. R. Sarchet, University of Missouri at Rolla
James F. Sawczuk, Delaware Plastics Division
Container Corporation of America
L. F. Somers, Carlock Inc.

Retired.
No longer with company.
No longer with company.
Deceased.
Resigned.
Company resigned.
No longer with company.
No reason.
No reason.
Retired.
No reason.
Membership transferred.
No longer with company.
Company resigned.
Not in plastics division.
Does not wish to renew.
New assignment.
Left the industry.
Company resigned.
Retired.
No longer with company.
Membership transferred.
Transferred
Change in responsibilities
No reason.
No reason.
Deceased.
No reason.
Not active in plastics.
Deceased.

RESIGNATIONS: INDIVIDUALS - REASONS INDICATED

Ben B. Straas, Shell Chemical Company
Leslie M. Svenson, Thichol Chemical Corp.
Richard K. Thomson, Calanese Plastics Co.
George E. Vybiral, Thichol Chemical Corp.
Everett A. Weathers, Continental Can Co., Inc.
J. Arndt Weichsel, American Cyanamid Co.
Kenneth W. Wood, Calanese Plastics Co.
Donald L. Young, The B.F. Goodrich Company

Change in job assignment.
Company resigned.
Retired.
Company resigned.
No reason.
Change in position.
No longer with company.
No reason.

INDIVIDUALS DROPPED - DELINQUENT DUES

Charles H. Calligan, Jr., United States Navy
T. W. Mullen, Union Carbide Corporation
O. K. Owens, Furlong Plastics, Ltd.
Thomas J. Young, Dow Chemical of Canada Ltd.

RESIGNATIONS: PROFESSIONALS

John J. O'Connell, Minato-Ku, Tokyo, Japan
Alexander Reid, Perth, Western Australia (deceased)

SUPPLEMENTAL AGENDA

Page 12
August 7-9, 1968

RESIGNATIONS AND CONSOLIDATIONS*: COMPANY

REASONS FOR RESIGNATIONS

Acme Scientific Co.
Chicago, Illinois

Not involved in plastics industry.

Baldwin Extruded Products, Inc.*
Los Angeles, California

Now part of Borg Warner Pipe
Products.

Barber-Colman Company
Rockford, Illinois

Interests not parallel to instru-
ment manufacturer.

Callery Chemical Company*
Callery, Pennsylvania

Now Division of Mine Safety
Appliances Company

Lusterock International, Inc.
Houston, Texas

Budgetary Reasons.

Mobil Chemical Co.
Industrial Chemicals Division
Richmond, Virginia

Needs served by New York Membership.

Montecatini Edison S.p.A.
New York, New York

No Reason.

Owens Plastics Co.
Kansas City Missouri

Part of Borg Warner Pipe Products.

Sui-Aviation
Courbevoie, France

No Reason.

RESIGNATIONS: INDIVIDUALS - REASONS INDICATED

M. H. Boeger, Shell Oil Company
Frank J. Burns, American Cyanamid Co.
T. S. Bushnell, Cabot Corporation
C. Leighton, Q.E.D. Plastics, Inc.
P. L. McWhorter, Havig Industries, Inc.

No longer with company
Membership transferred
No reason
Voting Representative of C&G Plastics
Retired
Company resigned
Retired
Company resigned

Angelo Miglierina
John H. Moore, Proton Plastics
Robert F. Porter, Porter Plastics
Isidoro Ronzoni, Istituto Ricerche e
Applicazioni Resine
Giulio Rospigliosi, Montecatini Edison S.p.A.
Walter B. Savage
Merrill J. Sills, Novamont Corporation

Company resigned
Company resigned
Retired
Company resigned

SPI-25829

ESTIMATED DUES INCOME - JULY 1968

<u>UNITED STATES</u>		<u>Present Dues</u>	<u>Income</u>
16	Companies Paying	\$9,000	\$144,000
6	" "	7,500	45,000
8	" "	6,000	48,000
6	" "	4,200	25,200
12	" "	2,600	31,200
1	" "	2,450	2,450
6	" "	2,275	13,650
3	" "	2,150	6,450
12	" "	2,000	24,000
6	" "	1,825	10,950
10	" "	1,650	16,500
10	" "	1,550	15,500
14	" "	1,450	20,300
22	" "	1,320	29,040
19	" "	1,250	23,750
22	" "	1,050	23,100
43	" "	925	89,775
107	" "	770	82,390
138	" "	485	66,930
227	" "	290	65,830
429	" "	200	85,800
1117			819,815
12	Educational & Research @	300	3,600
13	Associate @	200	2,600
1142			826,015
964	Individuals @	25	24,100
57	Professionals @	75	4,275
2163			\$854,390

CANADA

5	Companies Paying	2,000	10,000
1	" "	1,800	1,800
1	" "	1,600	1,600
-	" "	1,400	-
3	" "	1,200	3,600
3	" "	1,060	3,180
2	" "	900	1,800
-	" "	850	-
5	" "	750	3,750
6	" "	625	3,750
13	" "	575	7,475
18	" "	500	9,000
27	" "	350	9,450
24	" "	200	4,800
41	" "	150	6,150
149			66,355
4	Educational & Research @	150	600
23	Machinery @	175	4,025
2	Publishers @	250	500
178			71,480
83	Individuals @	25	2,075
5	Professionals @	100	500
266			\$74,055

ESTIMATED DUES (Continued)

BROUGHT FORWARD \$928,455

FOREIGN

15 Companies Paying	\$500	\$ 7,500
6 " "	400	2,400
7 " "	300	2,100
9 " "	200	1,800
66 " "	100	6,600
<u>103</u>		<u>20,400</u>
37 Individuals @	25	925
6 Professionals @	75	450
<u>146</u>		<u>\$ 21,775</u>
	TOTAL	<u>\$950,220</u>

	<u>Companies</u>	<u>Individuals</u>	<u>Professionals</u>	<u>TOTALS</u>
United States	1,142	964	57	2,163
Canada	178	83	5	266
Overseas	103	37	6	146
	<u>1,423</u>	<u>1,084</u>	<u>68</u>	<u>2,575</u>

FINANCIAL RESULTS IN MEMBERSHIP CHANGES

INCLUDED SUPPLEMENTAL AGENDA

New Members

CURRENT PERIOD

Companies	(26)	9,680.00
Individuals	(25)	625.00
Professionals	(2)	<u>150.00</u>
		10,435.00

Resignations, Consolidations*, Dropped

Companies	(22)	9,335.00
Individuals	(54)	1,350.00
Professionals	(2)	<u>150.00</u>
		10,835.00

NET LOSS	(300.00)
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DIVISION AND COMMITTEE REPORTS

(A) SPI - CANADA

SPI - CANADA: Mr. John D. Parsons, President, reported as follows:

"It is, first of all, my privilege to read a telegram which has been received from our Prime Minister:

TO AMERICAN AND CANADIAN DELEGATES ATTENDING THE THREE-DAY
CONFERENCE SPONSORED BY THE SOCIETY OF THE PLASTICS INDUSTRY
OF CANADA, MAY I EXTEND CORDIAL GREETINGS AND BEST WISHES.

THE EXPANSION AND DIVERSIFICATION OF THE PLASTICS INDUSTRY IN
RECENT YEARS IS INDICATIVE OF ITS INCREASING IMPORTANCE TO THE
MODERN, PROGRESSIVE ECONOMY.

WITH THIS IN MIND, MAY I WISH YOU EVERY SUCCESS WITH YOUR
PRESENT DISCUSSIONS.

PIERRE ELLIOTT TRUDEAU,
PRIME MINISTER

"It is my honour and privilege to join this Board for the first time. I shall look forward to these meetings with a great deal of interest. It is my hope that I can make some worthwhile contribution to the proceedings as my predecessors have done.

"As a Canadian, I am naturally pleased that you saw fit to schedule your summer meeting in Canada again this year. I hope that you will enjoy the stay here and that you and your wives will find the services and facilities of the Club comfortable and more than satisfactory."

An additional welcome from SPI Canada was the distribution to each attendee of a paperweight with the Canadian coins embedded in acrylic.

"As many of you no doubt know, we recently had a Federal election in Canada. We now have a majority government, a new Prime Minister, a new cabinet and a new Federal M.P. who is a part of the plastics industry, Barney Danson. Finally, at long last, after countless years of work (it is at least ten years on the Chemical Reference 120) this Fall should give us the final rulings of the government as to the effective rates of duty under the Kennedy Round Negotiations. By January 1, 1969, we should know what these rates are, what the new Anti-Dumping legislation will be. It will be so much better to have the uncertainty removed so that we can all make more definitive plans with a known set of guidelines to go by.

"An increasing amount of Division, Committee and Staff time will be taken up with government liaison at both the Federal and Provincial government level. For example, the National Building Code of Canada is up for full revision in 1970. Work is underway right now on these revisions and it is one of SPI's responsibilities to help coordinate the plastics industry's efforts in this area.

"One example of provincial activity is in the area of Provincial Plumbing Codes. Just last month, for instance, the Province of Alberta gave approval for ABS and PVC piping and fittings for use in plumbing systems. Alberta has not in any way restricted the use of these materials with regard to building heights or use underground. The province is of the opinion that plastics should be equal to conventional materials. The only requirement they have is the installation of expansion joint to take care of settlement and thermal expansion.

"The significance of this announcement is the fact that now all Canada, from coast to coast, with the exception of our smallest province, Prince Edward Island, on the east coast, plastics DNV is approved by code authorities for single family dwellings. This new ruling approves both single family dwellings and apartments. We are now moving to endeavour to have approvals given for DNV in the apartment area across the rest of the country.

"In our May report, it was indicated that business in the plastics industry is very good. It is still very good, very competitive and it is expanding at a good pace.

"It is encouraging to see the increasing emphasis and consideration being given to education on plastics at the High School, Technical School and Adult Night Course level. SPI - Canada is involved in actively assisting and encouraging this activity and many of us feel that this is one of the most important roles of SPI at this time.

"Since the May meeting, we held a successful 26th Annual Conference and display in Ottawa with a record-breaking registration for Canada of over 300. Twenty-four papers and talks were given in the two days. Much two-way communication between men in the industry and men in government took place and the process continued through requests for our Conference papers.

"Our new Executive Council has met for the first of its quarterly meetings. The Council is presently undertaking some changes in its structure to more effectively cope with increasing responsibilities in policy and direction for our various divisions and committees.

"We are continually attempting to broaden the base of our membership and we look for a continuing expanding trend in new membership applications through the coming months. This in spite of a noticeable trend, in some areas, for consolidation, both at the raw material and at the processor level.

"We will do everything possible to spread the good word about the National Plastics Exposition and the National Plastics Conference in Chicago in November. Over 450 Canadians attended the New York show, we hope to have over 600 Canadians attend the Chicago showplace.

Page 18
August 7-9, 1968

"I personally look forward to my two-year term of office with a great deal of anticipation, fully realizing that we are all involved and fully committed to one of the most dramatic and growing industries, charged with all kinds of interesting expanding possibilities and developments for the future which few other industries can offer."

Mr. Parsons completed his report by stating that the regular SPI - Canada bulletin "PIASTICWORDS" is sent to all voting members and individual members, as well as all committee and division executives and members, whether or not they are voting or individual members. Copies of this bulletin are available at this meeting should any of the Directors be interested in obtaining a copy.

SPI-25835

WESTERN SECTION: Robert Lilligren reported as follows:

"I. NORTHERN CALIFORNIA CHAPTER

A. The NCC has recently balloted for new officers. They are:

President:	Robert Elliott, Royell, Inc.
Vice President:	Vern Sommerfelt, Chevron Chemical Co.
Secretary:	Fred Stoltz, AB&I Plastics
Treasurer:	Stuart Price, Dow Chemical Co.
Directors at Large:	Dan Johnston, IBM Corp. Jack Rasmussen, Kaiser Chemicals

B. The Chapter held a golf outing as its last meeting of the 1967-8 season.

C. The Education Advisory Committee for San Mateo County has been formed. The members met and recommended the hiring of a consultant to develop curricula and other materials for new plastics courses scheduled to start in the Fall of 1969.

"II. SOUTHERN CALIFORNIA CHAPTER

A. The SCC held a 'Day at the Races' on June 13, with approximately 200 in attendance.

B. The Education Committee has worked during the summer in assisting teachers to find summer employment in plastics plants.

C. The Chapter Education Committee has met with various educators to assist in the development of curricula in initiation of new plastics programs.

D. The Chapter Education Committee has worked with various summer programs for minority groups to assist them in plant visits and to provide lecturers on plastics.

"III. DIVISIONS

A. CUSTOM MOLDERS

1) The Custom Molders have selected new officers, as follows:

Chairman:	James Adams, Adams Brothers Plastics
Vice Chairman:	Charles Leighton, C & G Plastics
Secretary:	Ronald Lutz, Puma-Pne Plastics
Treasurer:	Howard Allison, Hines-Seal Mfg. Inc.

2) The CM Education Committee has met and begun plans for the fall program to include a two-day conference.

B. FLUOROCARBONS

There has been no activity in this group during the last quarter.

C. MOLD MAKERS

The Mold Makers Division has held a chapter meeting on heat treating which included a speaker and panel presentation. There were 43 in attendance.

D. PLASTICS FOR TOOLING

- 1) The PFT Division has elected new officers, as follows:
Chairman: Ray Young, North American Rockwell Corp.
Vice Chairman: Joseph Songy, Furane Plastics, Inc.
Secretary: Louis Fritsch, Lockheed-California Co.
Treasurer: D. D. Dickinson, Rysol Div. of Dexter Corp.
- 2) The new Executive Committee has met and developed plans for the coming year.
- 3) Committee assignments for the 1969 San Diego Seminar are as follows:
General Chairman: Donald Pridoux, Rezolin, Inc.
Campus Chairman: Dr. Gerald F. Bailey, San Diego State College
Program Chairman: Alan Fullarton, Fullarton Plastics
Exhibits Chairman: Casey Drenniary, Rezolin, Inc.
Publicity Chairman: William Atchley, Furane Plastics
Registration Chairman: D. D. Dickinson, Rysol Div. of Dexter Corp.

E. PLASTICS PIPE INSTITUTE

The PPI held a chapter meeting on June 27 in San Francisco. There were 27 in attendance. Mr. Tom Gable of the National Sanitation Foundation presented a talk on import of foreign plastics. He highlighted NSF's program as it relates to foreign imports. Meeting attendees heard Messrs. Anson Bowling, John Fugazzi, G. R. Munger and Billie Smith report on recent PPI activities and code approvals. It was announced that a Western Section marketing committee will be established.

F. REINFORCED PLASTICS/COMPOSITES

- 1) A full-day meeting of the RP/C Division of the Western Section Chapter is planned for October 22. The tentative program is as follows:
9-10:15 a.m. Commercial Aircraft Panel
Panelists: Charles Brizendine, McDonnell Douglas
Elliot Green, Lockheed-Boeing
Moderator: Francis T. Fox
10:15-10:30 Coffee Break
10:30-11:45 General Aviation Panel
Panelists: Howard Piper, Piper Aircraft
Leo Windecker, Windecker Acft.
Jack Laister, Laister Glider
also - individuals to be selected
from Cessna, Beech, Hughes and Bell
Moderator: Najeeb Halaby or Mr. Pazmany, San Diego Aircraft
11:45-12:15 Social Hour
12:30-2:30 Lunch
Keynote Speaker
Award Presentation: Dave Grimes, Whittaker Corp.
Display preceded by fly-by
3-6:00
- 2) A number of commercial aircraft manufacturers have agreed to participate by sending planes and parts for the exhibit.
- 3) A number of manufacturers have also agreed to participate in the fly-by.
- 4) The principal speaker will be Mr. Harold Boaschenstein of Owens-Corning Fiberglas.
- 5) The committee is making plans for an expanded mailing of announcements of this meeting to the aircraft and other related industries.

"IV. COMMITTEES

A. EDUCATION

1) The Northern and Southern California chapter education chairmen have assisted in the hiring of teachers in plastics plants. There have been seven teachers hired.

2) Curriculum planning: The Education Committee continues to collect curriculum outlines of both vocational and industrial arts plastics programs.

a) Outlines have recently been received from the following secondary schools:

-Benson Polytechnical H.S., Portland, Oregon

Title: Industrial Plastics

Instructor: Gerald Waterbury

-Los Angeles City Schools, Los Angeles, California

Title: Experimental Course of Study for Plastics

Instructors: N.E. Lefmann, Supervisor, Agricultural & Industrial Ed.

J. Lyman Goldsmith, Supervisor in Charge, Vocational and Practical Arts Section

-Santana H.S., Sante (San Diego County), California

Title: Vocational Plastics

Instructor: Frank J. Perkins, Jr.

-John Muir H.S., Pasadena, California

Title: Plastics Technology ABCD

Instructor: Bev Morant

(In preparation): San Mateo County Unified School District Plastics Program -

The Northern California Chapter set up an education advisory committee to work with the San Mateo district. A consultant is in the process of preparing course outlines which will be reviewed by the committee.

b) The Western Section Education Committee has retained educational consultants to assist in preparing model outlines for the following courses:

Industrial Arts General Survey Plastics Course

Industrial Arts Plastics Workshop Course

Industrial Arts Vocational Plastics Course

c) Junior College Curriculum:

-Los Angeles Trade-Technical College, Los Angeles, California

Title: Two-year Plastics Technician Program

Instructors: Robert Milby and Wayne Scherer

-Laney Jr. College, Oakland, California

Title: Materials & Processes (Introductory Survey of Plastics Tech.)

Coordinator: Carl Tonini

d) New Courses:

Los Angeles Trade Technical College offers evening extrusion course for the fall of 1968.

e) State Colleges:

-San Francisco State, San Francisco, California

Title: Plastics Technology

Survey of Plastics

Plastics Materials

Plastics Processes

Instructor: Robert Krolick

-San Diego State, San Diego, California

Title: Plastics Technology

Basic Plastics Survey

Intermediate Plastics

Advanced Plastics

Instructor: Dr. Gerald F. Bailey

} all courses combined with
lab sessions

B. PUBLIC RELATIONS

- 1) The Western Section chairman has met with the new chairmen of public relations of both Northern and Southern California chapters. Press releases have been issued on new officers and directors of both chapters.
- 2) Press releases were issued on awards presented by the So. Cal. Chapter.
- 3) The PR chairman coordinated with the So. Cal. PR chairman on assisting the Reinforced Plastics/Composites chapter in all public relations phases of the October 22 meeting.
- 4) The chairman has prepared a certificate to be issued to all members of the Western Section Centennial Committee.
- 5) The chairman has prepared a letter for distribution to a special list as a centennial activity. The letter will cover mailing of copies of the NEW YORK TIMES Sunday Supplement and MODERN PLASTICS' brochure titled 'Plastics in the West.'

C. TRAFFIC

There have been no activities of the Traffic Committee during the past quarter.

V. OTHER ACTIVITIES

A. WORKMEN'S COMPENSATION PROGRAM

- 1) The workmen's compensation program currently has 55 companies enrolled, with an estimated annual premium of approximately \$425,000.
- 2) The premium loss ratio for the 1967 calendar year is 40%.

- B. The SPI CALIFORNIA SAFETY COMMITTEE established a committee in 1967 to undertake a study of fire problems. The committee's analysis of major plastic fires over the past 16 years and their engineering surveys of typical plants revealed that the reputation of the entire industry suffers because of the records of a few types of operations. The study revealed that certain operations, properly protected and with adequate engineering supervision, rather than being considered substandard risks could actually qualify as preferred risks.

The committee report was presented to the Fireman's Fund, one of the nation's largest and strongest insurance companies and they agreed to underwrite a special package insurance program exclusively for members of SPI on a preferred risk basis.

The package program is called PLASTI-PAK and is a special insurance package molded to provide broader coverage against the hazards particular to the plastics industry.

This program is being announced in California late this month, and plans call for offering this program nationally at a later date. We expect that this new membership benefit will be another major factor in bringing in a substantial number of non-member companies into SPI.

C. WESTERN SECTION CONFERENCE

- 1) The Western Section Conference will be held April 23, 24 and 25, 1969 at the Del Coronado Hotel.
- 2) The Conference General Chairman will be selected shortly.

- D. There has been interest expressed by several major firms for the establishment of an AEROSPACE/HYDROSPACE group to be established within the SPI. I would recommend the establishment of an Aerospace/Hydrospace Council, with the staff assignments for this activity to be from the Western Section office.

VI. WESTERN SECTION MEMBERSHIP REPORT

New Company Members

Metropolitan Die & Mold, Pasadena, Calif.
Advanced Packaging, Inc., Carson, Calif.
Cargill, Incorporated, Lynwood, Calif.
Architectural Fiberglass, Los Angeles, Calif.
Reo Plastics, Costa Mesa, Calif.
Jan & Schuyler Co., Inc., El Monte, Calif.

(voting representative)

Willi H. Pfeifroth
Leon Bleich
Henry Nakano
Max Lawrence
Gene A. Brost
Peter Jan

Resignations

None "

Mr. Lilligren concluded, "the Western Section staff is doing their utmost to get new membership and cooperating with the membership committees. Gary Godbey has been making personal calls on prospective companies and has been well received."

Board approval was requested by Mr. Lilligren for the formation of an Aerospace/Hydrospace group, based in California due to the substantial interest by Western Section companies. Mr. Harding stated that Mr. Wallace J. Williams will be the secretary for this Council, and it appears clear that California is the best location for this group.

Mr. Richards asked for the objectives, programs and a listing of the interested companies for this proposed Council. Mr. Lilligren explained that George Huisman and Ed Bushman have started this group in motion and, should the Board approve the formation of this Council, such a list will be included in the next report to the Board.

Mr. Cole mentioned that the Standing Committee on Organization has been studying the matter of SPI groups and the establishment of new groups. The new Council will be contacted by the Organization Committee.

There being no objection, Mr. Jenkins stated that the Western Section has the Board's approval to begin establishing such a Council and Mr. Harding is to provide communication between the Council and the Standing Committee on Organization. Mr. Lilligren will incorporate the objectives and participants' names in the next Western Section Board report in October.

C. TRADE

INTERNATIONAL COMMITTEE: (no chairman) Submitted by staff administrator.

The only activity since our last report was that the secretary, together with legal counsel, accompanied the chairman of the Tariff Committee and the Sutton Division when they appeared before the House Ways and Means Committee to testify in connection with the committee's hearings on tariff and trade proposals.

Conjecture in the public press encourages us to think that the testimony present will have some bearing on the ultimate action of the committee.

TARIFF COMMITTEE: Submitted on behalf of William F. Christopher, Chairman, by staff administrator.

The Chairman of the Tariff Committee appeared before the U. S. House of Representatives' Committee on Ways and Means to submit testimony on the proposed "Trade Expansion Act of 1968." The verbal and the formal written presentation included such proposals as:

1. Elevation of "Sector" bargaining to a formal basis for the purpose of trade negotiations.
2. A more effective "industry advisor" program should be established to assist in formulating and carrying out future U. S. trade policies.
3. Various government trade information sources, such as the Tariff Commission, Department of Commerce, Bureau of Customs, etc., should be better coordinated to effectively deal with the worldwide competitive and trade situation.
4. The office of Special Representative for Trade Negotiations should be further strengthened by the addition of personnel and resources to better cope with the many problems now before it.
5. Broaden the adjustment assistance program.
6. The President's negotiation authority should be extended through June 30, 1970 to give the Executive Branch a sufficient degree of flexibility to negotiate and deal with trade problems.

The full text of this statement is available to those members of the Board who wish copies.

Strong consideration is being given to merging the Tariff Committee and the International Committee into a more effective group which would be concerned with both domestic and foreign trade matters.

Mr. Jenkins mentioned that the International and Tariff Committees might be combined into a "Foreign Trade Committee" since their activities are quite interconnected. Mr. T. T. Miller stated that the criterion should be "what the member companies of these two groups want" and expressed his belief that the one group will then have to divide into two subcommittees, one to promote American exports, and the other to defend America against imports.

Mr. Michel made a motion, seconded by Mr. Adams, that the Board recommend a merger, if possible, between the International and Tariff Committees. The Board unanimously agreed with this recommendation.

(D) SERVICES

ACCOUNTING AND FINANCIAL COMMITTEE: Submitted on behalf of Robert B. Guelcher, Chairman, by staff administrator.

The Accounting and Financial Committee held its last meeting on June 26, 1968 in Boston, Massachusetts. Joseph W. Powell, Jr., President, Boston Capital Corporation, covered the general topic of "Capital for Growth." This company is engaged in venture capital investments.

In the late Fall of 1968, the Committee will conduct a "Profitability and Machine Hour Rate" Conference. This topic will also be covered at the SPI Annual Conference in November. A seminar on the "Annual Plan" is scheduled for January 1968.

Labor Survey No. 31 - Plastics Processing Companies will be published within the next few weeks. Approximately 291 firms furnished data; the largest number of participants since the report was instituted.

Returns are now being received for the biennial Financial and Operating Ratios - Plastics Processing Companies and it is expected to be published in the Fall of 1968. The biennial Salary Survey Questionnaire will also be sent out in October of this year.

Under revision is the SPI Accounting Manual for the Plastics Industry. Several study groups have the responsibility of revising various chapters.

COMMITTEE ON PLASTICS EDUCATION: Submitted on behalf of Vivian T. Stannett, Chairman, by staff administrator.

The SPI Committee on Plastics Education met jointly with the SPE Education Committee on May 6, 1968 in New York City during the SPE ANTEC. Many topics of interest to both groups were discussed.

The major undertaking is the Plastics Manpower Survey which will be published this Fall. It was prepared by a joint SPE/SPI Education Task Force and will be an important tool in advancing educational activities. The full report will be included in the September 1968 issue of the SPE JOURNAL. A condensed version summarizing the survey findings and recommendations will be mailed to approximately 20,000 educators in the United States and Canada. This brochure was made possible through a special plastics education grant from the Dow Chemical Company.

Several members of the Committee are closely working with their counterparts from SPE in drawing up the charter for the new Plastics Education Foundation which will be the focal point for educational activities in the plastics industry.

Staff contact is being maintained with various institutions which are initiating new courses in plastics. The SPI is represented on the Plastics Education Coordinating Committee.

Over 10,000 copies of the new in-plant training booklet, "An Introduction to Extrusion" have been sold since it was issued in April.

The SPI Committee on Plastics Education will hold its next meeting during the NPE in Chicago.

Mr. Harding said that he and Bob Sherman, representing SPE, will meet on August 16 to establish the Joint SPE-SPI Education Foundation. "We are anxious that the entire question of plastics education be dealt with on an organized basis, with no duplication or rivalry. We believe that this will not be primarily a fund-raising operation, but rather a co-ordination of communications medium." Mention was made of PIA's program which deals with graduate or post-college training, while the SPE-SPI Foundation will cover every phase of education on an organized, nationwide basis.

The Foundation will enable us to make available the great progress made in California and other areas; it will provide more standardized material, and it will enable us to use the manpower of the SPE Chapters around the country.

Page 29
August 7-9, 1968

MANAGEMENT GROUP LIFE INSURANCE: (no chairman) Submitted by staff administrator.

The Seventh Anniversary of our plan ended July 31. Our experience continues to be encouraging. We will have a detailed accounting for the Board of Directors at its next meeting.

12th NATIONAL PLASTICS EXPOSITION: Submitted on behalf of A. A. Hutchings, Chairman, by staff administrator.

As the interest in next November's National Plastics Exposition continues it has been necessary to revise the Floor Plan for the third time to accommodate the approximately 320 exhibitors which have contracted for about 210,000 square feet net, which is a fifty percent increase in space over the last record-breaking exposition two years ago at the New York Coliseum.

A fourth promotional mailing to potential exhibitors is currently being made in an effort to continue this interest.

A Facts booklet, which is a self-mailer, is currently being mailed to the subscription list of four plastics trade publications with a total circulation of 125,000 copies. This booklet contains a list of exhibitors; latest information on the National Plastics Conference; Conference sessions; the luncheon; industry reception; International reception; hours of the Show and other data pertinent to Plastics Week next November in Chicago.

These Facts booklets are available, gratis, in quantity to all exhibiting companies. Half a million copies have been printed.

One million Rapid Registration Cards have been printed with exhibitors names on them, according to the quantities they ordered. Of these, 225,000 cards will be specially printed for binding into the Plastics Exposition issues of eight plastics trade publications.

These cards invite visitors to the Exposition and by filling them in in advance and presenting them to the cashier at the entrance to the Exposition, time is saved for the visitor.

These Rapid Registration Cards have been tied in with the Audit of this Exposition which will be conducted by the Audit Bureau of Marketing Services, an affiliate of the Audit Bureau of Circulations. All Rapid Registration Cards will be analyzed after the Show and a complete Audit will be made available to all exhibiting companies.

At the entrance to the Exposition at the International Amphitheatre, it is planned to have a presentation concerning the activities of the plastics industry through SPI.

Also in the Arena area it is planned to have the International Reception Center, or Lounge, where visitors from other countries may make their headquarters. In addition interpreters will be on hand should their services be required.

Also in this area will be a booth by the Safety and Fire Protection Committee of SPI, promoting these activities in SPI and the plastics industry. This display will be staffed by committee members.

In addition, consideration is being given to a display in an adjoining area of plastics products currently being used in the medical field. If this display materializes it will tie in with the Plastics in Medicine Session during the Conference.

Because of a change in his responsibilities in the Shell Oil Company, James R. Dowler, former Chairman of the Subcommittee on Publicity and Advertising for the 12th NPE, has had to resign. In his place J. Neil Stalter has assumed the Chairmanship of this Subcommittee and held his first meeting two weeks ago.

At the Publicity and Advertising Subcommittee meeting held by Mr. Stalter on July 25, the D-A-Y Agency with whom the subcommittee is working was requested to intensify the publicity campaign for the Exposition. News release material concerning new products and services to be offered by exhibitors, and the fields of major interests to exhibitors will be solicited promptly and distributed through publicity channels. Details of the SPI booth at the Exposition were given by Mr. Harding.

Plans for the President's Breakfast, inaugurated at the last Exposition, were discussed and the names of four prominent, non-political men were given the secretary to contact in order to obtain a guest speaker at the Breakfast.

It was felt that considerable extra publicity mileage, both for plastics and the Exposition, was gained as a result of three editorial presentations made by SPI staff members at Southern Business Publications, Maclean-Hunter Publishing Company and McGraw Hill Publications. More than 35 editors were in attendance.

The Princess of Plastics will be in Chicago the entire week of the NPE and will attend the President's Breakfast, the opening ceremonies of the Exposition, the reception, and the Wednesday luncheon. She will also be scheduled for TV, radio, and newspaper interviews. It was agreed she would not be available to attend any member company hospitality suites.

Mr. Harding summarized NPE special activities, as follows:

Monday, November 11 - 9 a.m.	President's Breakfast: All Directors are invited as well as the top man of each exhibiting company, and the press
Tuesday, November 12 - evening	General Reception
Wednesday, November 13 - noon	Luncheon
" " evening	International Reception

The events of the National Plastics Conference are covered in Mr. Hoffer's report, which follows.

NATIONAL PLASTICS CONFERENCE: Mr. Robert A. Hoffer, Chairman, reported as follows:

"The final meeting of the over-all Committee in charge of arrangements for the Centennial National Plastics Conference was held in Chicago, Illinois on April 25, 1968.

"As Ralph L. Harding, Jr. pointed out at the first meeting of the Committee, 'Indeed, the plastics industry has the opportunity, during this Centennial Conference, to provide a forum covering a wide range of topics which would be of distinct interest not only to the plastics industry, but to customers, potential customers, and users of plastics'.

"In planning the Conference program to be held the days of November 12 through 15, 1968 at the Conrad Hilton Hotel, it was agreed that the sessions would be geared toward large market areas, such as packaging, appliances, communications, construction, etc. Following is the schedule of sessions as they are to be slotted during the four days:

Tuesday, Nov. 12

1. Machinery
2. Automotive
3. Packaging (I)
4. Electrical/Electronic
5. Vinyl Dispersions

Wednesday, Nov. 13

1. Industry Challenges (I)
2. Furniture
3. Packaging (II)
4. Aerospace & Defense
5. Epoxy Resin Formulators

Thursday, Nov. 14

1. Industry Challenges (II)
2. Construction
3. Appliances
4. Communications
5. Structural Fabricators
6. Fluorocarbons

Friday, November 15

1. Medical

"It is interesting to note that one of the principal sessions, an innovation, will be a major meeting on November 15 dealing with plastics for medical applications. An eminently qualified panel of doctors is being invited to discuss the myriad of medical applications which depend on plastics materials for successful usage.

"At the present moment, nearly all speakers have been chosen for the various sessions. Letters of confirmation have gone to these speakers, and it is hoped that in early September the printed program will be circulated to industry including registration forms. As the Board is aware, earlier a Housing Bureau form was mailed to industry.

"At the moment, the Conrad Hilton has informed the Society that the block of rooms held aside for our members has been absorbed."

Mr. Hoffer commented on the outstanding job Mr. Charles Condit of the SPI staff has done in organizing the NPC and obtaining the speakers. Mr. T. T. Miller expanded upon the medical session which will be held on Friday

morning from 9 a.m. to 12:30, during which time approximately seven doctors will report on what plastics have accomplished in the medical field, including disposable medical equipment, as well as what is needed, what more can be done with plastics, and what is wrong with what is now available. Mr. Miller continued that this is an excellent opportunity for our industry to show its concern with this area of great human importance. A sizeable attendance is expected, of both the industry's representatives as well as medical personnel, and the excellent program is one which will do our industry well in the eyes of the public.

It was also stated that a medical exhibit in the Arena area will include many innovations, thus tying together the NPE and NPC. Mr. Harding added that the NPC will be an outstanding conference, with over 100 papers and every aspect is now firm with the exception of only one speaker. This event will be well worth the time and effort to attend.

August 7-9, 1968

PUBLIC RELATIONS COMMITTEE: Submitted on behalf of William E. Harris, Chairman, by staff administrator.

The program to publicize the plastics industry through the medium of this year's Centennial recently reached the half-way mark. For the remainder of the year the public relations campaign will concentrate largely on promoting attendance at the 12th National Plastics Exposition.

Visits by Esther Dadigan, the "Princess of Plastics," to various cities around the nation continues to prove most highly effective in telling the industry's story. Since the last report to the Board of Directors, the "Princess" has appeared at the Annual Conference of SPI of Canada in Ottawa, in Springfield, East Longmeadow and Boston, Mass. and at "Accessorama," a fashion show at the Hotel Pierre in New York City. Upcoming visits are planned for Louisville; Parkersburg and Charleston, W.Va., Montpelier, Vt., Pittsburgh, Chicago and other cities.

THE NEW YORK TIMES supplement, which was published on May 26, is still creating interest among organizations and individuals both within and outside the plastics industry. Copies of the supplement have been distributed to the entire list of prospective SPI members. At a recent meeting of the Mid-Atlantic Chapter of the Public Relations Society of America, a PRSA member described the supplement as "an outstanding example of public relations techniques."

The first of two brief television movies has been completed and distributed to 100 TV stations across the nation. Titled "Plastics: Keystone of the Future," the color film commemorates the Centennial with a fast-moving parade of some of the leading applications for plastics. Thus far, more than twenty television stations have indicated that they plan to schedule this film. Production on a second film is scheduled to start in September for distribution around the time of the National Plastics Exposition.

A series of visits to major publishing houses began on June 5 when Ralph L. Harding, Jr. and members of the SPI staff visited Maclean-Hunter Publishing Co. and Southam Publishing Co. in Toronto. A presentation on the growth of the plastics industry and the upcoming Exposition was presented to more than twenty editors of the two leading business publishers in Canada. On July 18, a similar presentation was made to fourteen McGraw-Hill editors in New York City.

A number of special stories on the industry have appeared since the last report to the Board. Among these are an all-plastics issue in Clipper Cargo Horizons, a publication of Pan American World Airways; a story in

Investor's Reader, the publication of Merrill Lynch, Pierce, Fenner and Smith, and a syndicated column, "Career Corner," distributed by the McNaught Syndicate to more than 250 newspapers. In addition, United Features will soon begin a five-part series on plastics in over 100 leading newspapers from coast-to-coast.

The Committee also is working on plans for a special theme center at the 12th National Plastics Exposition. This center will feature informational displays on medical applications of plastics and the growing emphasis on safety within the industry. Members of the SPI Safety and Fire Protection Committee will man the safety exhibit.

Mr. Harding said that the resignation from the Administration of Postmaster General Lawrence O'Brien dampened SPI's hopes of obtaining a commemorative stamp for our Centennial; however, we are continuing our efforts to obtain a READER'S DIGEST article.

The Public Relations Committee will become more active in carrying out the recommendations made to the Board last February by Harold Brown on unifying all public relations activities, i.e., an approval procedure to be established which will assure staff review of the content, appearance, and philosophy of all material originating at SPI.

Page 36
August 7-9, 1968

RADIO FREQUENCY HEATING COMMITTEE: Submitted on behalf of Chairman
C. I. Addis, by staff administrator.

Nothing new to report.

SPI-25852

SAFETY AND FIRE PROTECTION COMMITTEE: Submitted on behalf of Howard W. Snyder, Chairman, by staff administrator.

The Safety and Fire Protection Committee held its last meeting on June 20, 1968 in Cleveland, Ohio.

Of particular interest to the Board is the appointment of two safety consultants, namely, Alan L. Kling and John J. O'Connell. Their task is to establish long range and short range safety and loss prevention programs for the plastics industry in such areas as personal injury and liability, machinery safety, fire, and toxicity. The fact finding phase will be followed by their recommendations on broad programs of action. The safety consultants will also determine the job functions of the full-time SPI staff man to be hired within the next year who will be responsible for all safety and fire protection activities of SPI.

Fire Prevention Week, October 6-12, 1968 will be observed through the issuance of an Inspection Form for Fixed Protection - Buildings and Grounds. This is the first in a series of self-inspection forms being prepared.

A new bulletin on "Fire and Explosion Hazards in the Pneumatic Conveying of Plastics" will be published within the next few months. Other projects underway are an "Accident Investigation Form" and a new bulletin on "Sources of Information on Fire Prevention and Safety."

One-hundred-and-ninety-seven members furnished data for the second quarter of 1968 - Disabling Injury Report for Plastics Processors.

A Task Force from the Committee is ready to work with the Machinery Division in revising the "Proposed Model Code for the manufacture and Use of Plastics Processing Machinery."

To promote and educate the plastics industry on safety and fire protection, the Committee will man a booth at the National Plastics Exposition.

The next meeting will take place in September 1968.

Mr. Harding added that the combination of the two safety consultants will be an excellent basis for launching a major safety program, with very big benefits ultimately to the participating companies in, hopefully, the reduction of insurance premiums. This effort will be launched at NPE with a booth located next to the medical exhibit. Mr. Alan Kling has been Safety Director for Olin, is presently semi-retired, and will be a consultant to SPI for ten days a month; Mr. Jack O'Connell is a past President of SPI and is in semi-retirement from Koppers, being available to us for five days per month.

Mr. Jenkins mentioned that those acquainted with Messrs. O'Connell and Kling realize they are eminently competent and qualified to do this very important job.

TRAFFIC COMMITTEE: Submitted on behalf of William C. Collins,
Chairman, by staff administrator.

The SPI Traffic Committee and its Subcommittees met on June 13-14, 1968 in Washington, D. C. Members of the National Classification Board of the motor carriers were guests at the industry reception and luncheon.

New officers were elected and a Plastics Raw Materials Traffic Subcommittee was formed to better serve this segment of the plastics industry in matters relating to classification ratings and other transportation matters.

The Cellular Plastics Subcommittee and the Plastic Pipe Traffic Subcommittee have been extremely active in opposing proposals by both the National Classification Board and regional traffic bureaus which would increase the classification ratings for these products.

A major transportation characteristic survey has just been compiled on thermoplastic and reinforced plastic pipe in straight lengths. Another survey was conducted on all types of rigid plastics containers in advance of submitting proposals to the National Classification Board requesting improvement in the classification ratings for these packaging products.

The various subcommittees will be meeting frequently during the next few months and the full Committee will hold its next session in January 1969.

(E) APPAREL

BUTTON DIVISION: Submitted on behalf of Sidney Ensig, Chairman, by staff administrator.

The Button Division held its last meeting on June 12, 1968 in New York City. Mr. Gilbert Richman, U. S. Plastic and Chemical Corp., past chairman of the Division, appeared before the House Committee on Ways and Means in Washington, D. C. on June 21st in connection with that Committee's study of tariff and trade proposals. The statement submitted in behalf of the button industry, was confined primarily to tariff preferences for less developed countries. A presentation incorporating basically the same testimony was also submitted to the Trade Information Committee on May 9, 1968.

Definite progress is being made in instituting a statistical program covering the production of all types of domestic buttons including plastics, metals, etc., under the auspices of the Bureau of the Census, U. S. Department of Commerce.

The next Division meeting is scheduled for the Fall of 1968.

(F) CONSUMER

APPLIANCES COMMITTEE: Submitted on behalf of Warren O. Eastman, Chairman, by staff administrator.

The Appliances Committee met on May 7, 1968 in New York City. The officers of the reorganized subcommittees are:

Richard E. Saylor -	Sinclair-Koppers Company - Chairman - Refrigerator and Airconditioner Technical Subcommittee
Howard Merchant -	Whirlpool Corporation - Chairman - Home Laundry and Dishwasher Technical Subcommittee
William O. Bracken -	Hercules, Inc. - Chairman - Education Committee

Reporting to this subcommittee chairman is the Liaison group headed up by W. D. Harris, The Dow Chemical Co.; and the Public Relations group under the direction of Robert W. Nightengale, Jr., Hercules, Inc.

Entry forms for the Major Appliance Awards Competition, to recognize outstanding applications of plastics, have been mailed to all appliance manufacturers. Entries for this inaugural year competition opened on July 1, 1968 and will close on August 31, 1968. The awards will be presented at the National Plastics Exposition. A panel of distinguished judges is now being selected.

A "Plastics In Appliances" seminar will be conducted by the Committee at the Annual Conference. A full Committee meeting will take place during NPE. The goals and objectives of the subcommittees have been defined and steps are now being taken to staff the subcommittees to carry out the programs.

The Executive Committee will meet several times during the next few months.

Page 41
August 7-9, 1968

HOUSEWARE MANUFACTURERS DIVISION: Submitted on behalf of Lester Gigax,
Chairman, by staff administrator.

The draft of the National Sanitation Foundation Standard No. 21 for
Thermoplastic Refuse Containers has been issued. The issuance of the
draft should prove helpful in obtaining code approval for Thermo-
plastic Refuse Containers.

SPI-25857

MELAMINE DINNERWARE GUILD: Submitted on behalf of Albert L. Patterson, Chairman, by staff administrator.

The last meeting of the Melamine Dinnerware Guild was held in Chicago, Illinois on July 16 under the direction of Albert L. Patterson, Libbey Products.

The two principal subjects discussed at the last business session dealt with the status of amending the two existing commercial standards, namely, CS173-50 and CS210-57, as well as the status of the use and wear evaluation at the National Sanitation Foundation.

Although amendments have been proposed to the two existing commercial standards, the question at the moment is whether a further amendment is to be proposed to the standard on heavy grade (institutional) dinnerware in order to incorporate a drop test reference in the standard. This whole matter will be weighed within the next few weeks by a special ad hoc Technical Subcommittee.

For some years now, the Guild has been concerning itself with studies at the National Sanitation Foundation revolving around the cleanability of surfaces. As a matter of fact, the Guild has financially supported these studies at NSF. At the moment industry is concerned with the preliminary final report from NSF in that the results of testing the cleanability of surfaces using the use and wear evaluation method do not in any way correlate with the cleanability of surfaces in actual field installations. In other words, the Guild feels that the test results at NSF are unrealistic when attempts are made to interpret them with the results of cleaning melamine surfaces in field installations. A decision was made at the last meeting to collect from the field melamine dinnerware where the length and type of exposure can be established. It is hopeful that further studies at NSF will reveal some sort of a relationship between field exposure and the NSF use and wear machine.

PLASTICS IN FURNITURE COMMITTEE: Submitted on behalf of H. W. Pattison, Chairman, by staff administrator.

The committee is quite active at the present time in preparing for the SPI Plastic Information Theatre at the International Woodworking and Furniture Supply Fair to be held in Louisville, Ky. in September. We are writing a script and selecting slides for our presentation, which will be offered at 30-minute intervals during the show. Literature concerning plastics, as well as assistance in finding sources of supply in the plastics industry, will also be offered.

A subcommittee is at work developing a number of simple, practical, inexpensive, and rapid tests that may be applied by furniture manufacturers as a means of evaluating plastics in various furniture applications.

Another project occupying the committee at the present time is the development of a special session on plastics in furniture for the program of the coming National Plastics Conference.

PLASTIC JERRY-CAN COMMITTEE - Submitted on behalf of Messers Douglas C. Smith and Edward Smith, Co-chairmen, by staff administrator.

Our proposed jerry-can standard has been submitted by the Department of Commerce to a review committee. Their comments have been summarized and forwarded to the chairman of the review committee.

Our Plastic Jerry-Can Committee is currently composing answers to comments received on our proposed standard. Every effort is being made by our Committee to expedite the early publication and promulgation of our plastic jerry-can standard by the U. S. Department of Commerce.

VINYL FILM AND COATED FABRICS DIVISION: Submitted on behalf of Kenneth L. Edgar, Chairman, by staff administrator.

A meeting of the Vinyl Film and Coated Fabrics Division was held in New York City on May 21 of this year; 45 vinyl processors and material suppliers attended this industry session.

Principal speakers of the evening included Dr. Charles B. Reeder of E. I. du Pont de Nemours & Co., Inc. who discussed "The Next 10 Years In The American Economy" and Ralph L. Harding, Jr. of SPI who apprised the members of present SPI activities and "The Industry Challenge In The Next Decade."

The incoming Chairman, Kenneth L. Edgar of Stauffer Chemical Co. appointed a Conference Committee to make arrangements for the 12th Film, Sheet and Coated Fabrics Conference which will be held in New York City during 1969.

In a discussion of industry business conditions the majority of vinyl processors indicated that the first quarter of 1968 was slightly ahead in production and sales over the same quarter of 1967.

The next Division meeting will be held in late September and an industry reception for members of this segment of the plastics industry will be held in early December of 1968.

Page 46
August 7-9, 1968

(G) INDUSTRIAL

CAPROLACTAM MANUFACTURERS STUDY GROUP

No report - same as previously advised.

SPI-25862

CELLULAR PLASTICS DIVISION: Chairman Jerold B. Smith reported as follows:

"A significant project now being undertaken by the Cellular Plastics Division is a Flammability Testing Program which will initially be conducted by Factory Mutual Research Corporation and Underwriters' Laboratories, Inc.

"Forty company members of the Division agreed to financially support this program which will develop necessary information regarding the performance of cellular plastics in actual fires and in existing test procedures. This long-range flammability study will eventually involve the burning of large scale structures which will utilize various types of commercially available cellular plastics and provide a basis of comparison of these materials with other products presently recognized for the particular use application.

"The necessary 75% approval of this testing program has now been obtained in accordance with SPI Bylaws. The Policy Committee is now giving consideration to the feasibility of requiring all Division members to financially support any project which has already received a 75% affirmative vote.

"The Urethane Bedding promotional program is now in its second year and has been effective in bringing about increased sales of urethane foam mattresses.

"A public relations and publicity program has now been arranged with R. H. Macy & Co. and will feature the promotion of urethane foam in furniture. There will be in-store promotion of urethane foam furniture starting July 27. Macy's is also sponsoring a press conference and will conduct buyer-clerk briefing on the advantages of urethane foam furniture. This promotional effort should last for approximately a month. There will also be a full page Sunday New York Times advertisement on urethane foam furniture during this period.

"The Urethane Foam Seal of Quality program which has been administered by the Urethane P/R Committee during the past two years was officially discontinued on May 15 of this year. The demise of this program was due to an insufficient number of foamers contracting with Detroit Testing Laboratory, Inc. to use the Seal of Quality. However, we believe that the program had definite beneficial effects in serving to educate the foamer and the customer regarding better quality urethane foam for bedding, cushioning, furniture, rug underlay and other applications.

"Arrangements have now been finalized for the 13th Conference sponsored by the Division. It will be an International Cellular Plastics Conference at the Commodore Hotel in New York City on November 6, 7 and 8 of this year. The theme will be "Plastic Foams In Every Day Living" and will feature 30 papers being given by speakers from the United States and 10 foreign countries."

Mr. Smith corrected his written report above, stating that presently there are 47 participating company members in the flammability project. He added that the Division has never before had the need for organizing a continuing budget and program involving all company members. Mr. Richards said that this group could meet with some of the Organization Committee members on this

Page 48
August 7-9, 1968

particular matter. Mr. Smith said the polystyrene group is now interested in joining in this project on flammability.

Mr. Harding commented upon the hard work done by Messrs. Smith, Weinberg, and Montell, for there has now been pledged \$47,000 for this project.

SPI-25864

ELASTOPLASTICS DIVISION: Submitted on behalf of Dr. Kurt C. Frisch, Chairman, by staff administrator.

The Elastoplastics Division sponsored a successful Symposium in New York City on June 3 and 4, 1968 attended by over 200 industry representatives, architects and engineers. The Conference theme was "Elastoplastics Materials in Commercial and Governmental Applications."

Work continues within the Division Technical Committees on suitable test procedures for the various types of elastomers.

The next meeting of the Division will be held in Chicago on the morning of November 14.

EPOXY MOLDING MATERIALS INSTITUTE: Submitted on behalf of Robert L. Thomsen, Chairman, by staff administrator.

The announcement of the availability of the nine new test methods has generated requests from various sources. If the same amount of interest is shown for these test methods as was exhibited for the first test method, our supply should be depleted in a short period of time.

The Technical Committee is working on additional test methods and may adopt others at their next meeting in October.

EPOXY RESIN FORMULATORS DIVISION: Mr. E. James Renaud, Chairman, reported as follows:

"In view of the fact that no formal meetings have been scheduled by the Division since the report of the 32nd meeting was presented on May 17 by Retiring Chairman Cecil Armstrong, I offer the following as an interim report of progress since that date.

"1) 10th Annual Plastics for Tooling Conference (Purdue)

The 10th Annual Purdue Seminar held June 12 and 13 at Lafayette, Indiana attracted more than 300 registrants.

The program included the presentation of twelve technical papers, dealing with both fundamentals and advanced technology in Plastics Tooling. Other features included a workshop session and a panel session on 'Materials Testing-Advantages to User and Formulator.' Ralph L. Harding, Jr., Executive Vice President of SPI, principal speaker at the luncheon session, presented an address on the subject, 'Plastics: Keystone of the Future.' Preliminary plans were started for the 1969 Conference, scheduled for June 11 and 12, 1969.

"2) Test Methods Committee Activities

The SPI Test Methods Committee met twice during the past year. The last meeting was held in San Francisco on March 26-27. The Committee concluded a review of all Test Methods published to date and effected revisions on several including those on Viscosity, Hardness, Linear Shrinkage and Deflection Temperature. The committee has three new Test Methods ready for publication, including Sag Flow, Amino Nitrogen Content, and an Electrical Test Method.

Other committee work in progress includes subcommittee consideration of Water Absorption, Thermal Shock, Melting Point, Epoxide Equivalent Weight and continuing liaison with ASTM.

The next committee meeting is tentatively scheduled for mid-September in Minneapolis.

"3) Labeling Guide for Epoxy Compounds

Under the guidance of Retiring Chairman Armstrong, a subcommittee met with officers of the ERF and representatives of major Resin Suppliers to further consider Classifying and Labeling of Epoxy Products According to Their Hazardous Potentialities. The meeting was held in Washington, D.C. on May 9, 1968, with SPI Legal Counsel in attendance.

The purpose of the meeting was to provide an opportunity to exchange scientific and toxicological information relative to the Hazardous category classification of Epoxy Products and to further consider the published guide titled, 'Classifying and Labeling Epoxy Products

According to their Hazardous Potentials.' The group reviewed the classification of solid resins, undiluted and unmodified liquid resins.

It was concluded that the accomplishments realized at the meeting were worthwhile and meaningful toward the development of Improved Labels for the Industry.

"4) Statistical Reporting Program

For the past 10 years the Division has utilized the service of the SPI in conducting a Statistical Reporting service for Division members.

The value and advisability of continuing the service were discussed fully at the March 28 meeting of the Division. As a result of the discussion, it was decided to poll the membership to determine if -- (1) those companies participating wish to continue, and (2) if newer members, and members not now participating have a desire to join the others.

The results of the questionnaire will be considered at the next meeting and an effort will be made to arrive at the final decision on the continuation of the service.

"5) ERF - Participation in 1968 SPI Conference

As a result of a decision made at a regular meeting of the ERF a year ago, the Division will participate in the 1968 SPI Conference Program.

Serving as Program Planning Chairman of ERF, Harold Jenseth of Allied Products Corporation has worked diligently on Program details.

The program will feature five papers, presented by five Division members on the utilization of Epoxy Materials in (1) Maintenance and Construction; (2) Electrical and Electronics applications; (3) Epoxies in Transportation; (4) Thin Film Epoxy Coatings; and (5) Emerging Developments in Epoxy Resins and their Potential Applications.

At the unanimous request of Division members, Program Chairman Jenseth has agreed to serve as moderator of the session.

"6) Publicity Committee

Since most publicity activities are handled effectively by SPI personnel, the ERF Publicity Committee has had a minimum of work to do in the past.

On several occasions such as the Purdue Conference Program, the Test Methods Program and certain phases of the Hazardous Labeling Project, the Committee served as liaison between members and the SPI Headquarters office.

This service could be continued in the future if it is the desire of Division members to retain a Publicity Committee.

"7) Program Planning Committee

For the past two years, guest speakers have been invited to attend the informal luncheon portion of the ERF meetings and present information on subjects of interest to members. Topics for the presentations were selected as Product Liability, Patents and Labeling.

At the next KKK meeting, the subject of guest speakers will be considered again to determine whether or not members wish to continue the feature at certain future meetings.

"8) Membership Committee

Membership activities are handled mostly at SPI Headquarters; however, members are encouraged to refer or submit names of prospective members at any time.

Details of inviting the prospective members to attend a meeting, are efficiently handled by the Division Secretary.

During the past year, the names of four prospects were received. Three expressed considerable interest; two attended meetings and one new member joined the group. "

EXPANDABLE POLYSTYRENE GROUP: Submitted on behalf of Charles Varney, Chairman, by staff administrator.

The Expandable Polystyrene Group held its last meeting in Cleveland on May 23, 1968. At that time the proposed Polystyrene Bead Board Standard was discussed. The Technical Committee will prepare this proposed standard for presentation to the membership at its fall meeting.

The members agreed to hold a Group meeting during the time of the semi-annual meeting of the Cellular Plastics Division in Atlanta, Georgia on December 11, 12 and 13 of this year.

The members also approved the idea of creating a Joint Task Force with members of the Cellular Plastics Division to deal with mutual matters such as flammability, codes and test procedures.

The Group is presently considering the inauguration of an Expandable Polystyrene Competition where awards will be made to custom molders for excellence in functional and decorative designs of polystyrene products.

Other ways and means are also being employed to increase the representation of custom molders at future Group meetings.

FLUOROCARBONS DIVISION: Chairman John W. Burley reported as follows:

"Important technical activities within the Fluorocarbons Division include the preparation of a TFE Granular Resin Specification; three product standards, and an Information Bulletin on Compounded Fluorocarbon Materials.

"At this time 12 product standards have already been prepared by the Division and established by the U. S. Department of Commerce.

"The Division plans in 1969 to furnish industry speakers at the Design Engineering Conference sponsored by the American Society of Mechanical Engineers.

"The Division may also sponsor another Design Conference during 1969 providing a majority of the member companies agree to financially support such a Conference and exhibit their products.

"The semi-annual meeting of the Division will be held at the Drake Hotel in Chicago on October 10 and 11, when meetings of the various Committees and Task Forces will take place.

Mr. Burley added that a few years ago, the Division tried to start a Market Development Committee, which was not successful. However, this group will try another formula, probably in 1969, and hope for better results.

ORGANIC PEROXIDE PRODUCERS SAFETY DIVISION: Submitted on behalf of
C. F. Linden, Chairman, by staff administrator.

The Division and its Committees met on July 9-10, 1968 in San Francisco. There are three standing Committees - the Accident Records Committee, Labeling Committee, and the Test Methods and Outside Liaison Committee.

Four independent testing laboratories submitted bids covering their charges for conducting tests on commercial samples, to determine their properties and hazards, which are sent in by peroxide manufacturers. Within the next few months one of these facilities will be selected. A great deal of progress has been made in preparing standard methods of testing to determine the performance of these materials.

The Labeling Committee has prepared eight proposed labels which manufacturers may wish to use on their containers. After legal review, they will be issued as recommended labeling guides.

The Accident Records Committee is developing a form which can be used for reporting accidents in peroxide manufacturing plants as well as in processing firms.

Close contact is maintained with various agencies such as the U. S. Department of Transportation, The Bureau of Explosives, etc. The Division and its Committees will meet again in October 1968 in Houston, Texas.

PLASTICS FOR TOOLING DIVISION: Submitted on behalf of Melvin K. Young, Chairman, by staff administrator.

At the 10th Anniversary Plastics for Tooling Seminar, held on June 12 and 13 on the Purdue Campus, Melvin K. Young, U.S. Gypsum Company, was elected Chairman of the SPI Plastics for Tooling Division for the ensuing two years.

The principal activity of this Division is that of sponsoring the Annual Seminar which, since its inception, has been co-sponsored by Purdue University.

Without a doubt, the 10th Seminar was an outstanding success; with an unprecedented attendance of 310 individuals. The seminar continues to foster the technical exchange of information relative to the broad application of plastics for the production of a wide variety of tools.

Papers at the 10th Seminar were delivered on fundamentals, as well as advanced technology. There was the usual Work-Shop Session, at which time attendees had the opportunity of personally experiencing the production of a tool.

The principal speaker on the high attendance day of Wednesday, June 12, was Ralph L. Harding, Jr., who spoke on "Plastics: Keystone of the Future."

The second in a series of "Man of the Year Awards" by the SPI Division was awarded to Tony Guerreiro, Northrop-Norair Division, Northrop Corporation, Hawthorne, California.

The West Coast and Mid-West Sections of the SPI Division continue to hold periodic meetings throughout the year.

Mr. Jenkins stated that all Directors have received in the mail the speech presented by Mr. Harding at the Purdue Conference. Mr. Harding added that any statement in the speech can be altered if the Directors so desire. Mention was made that such a speech format is used many times by many persons, and any discrepancy should be corrected.

PLASTICS GEAR COORDINATING COMMITTEE: Submitted on behalf of Byron Nelson, Chairman, by staff administrator.

This committee has functioned as a joint committee of the American Gear Manufacturers Association and SPI, under the auspices of SPI. Over the past four years, several attempts had been made to obtain information about the use of plastics in gear application. Each attempt achieved limited results which for the most part were not satisfactory.

Since our most recent attempt did not achieve its objective, and since the American Gear Manufacturers Association has a plastic group, it was recommended and adopted that this committee dissolve itself and the members assist the AGMA plastic gear division where possible.

Therefore, the Plastics Gear Coordinating Committee desires to terminate its activities and request that it no longer be shown as a group of SPI.

Page 39
August 7-9, 1968

PROFILE EXTENSION DIVISION: Submitted on behalf of Howard M. Wilkoff, Chairman, by staff administrator.

The members are closely watching the work being done by Section Z-79 of USASI, who are attempting to define medical grade plastics. Close liaison will be established with Section Z-79.

The National Bureau of Standards is presently writing the final draft of the Commercial Standard for rigid P V C extrusion and should issue it shortly.

A subcommittee was formed to work with the Window Performance Standards Task Group, Building Industry Committee - The Aluminum Association.

The members are considering a group visit to the Plast 68 exhibition to be held October 5-13 in Milan, Italy. If a sufficient number respond, arrangements will be made for the trip.

REINFORCED PLASTICS/COMPOSITES DIVISION: Chairman Frank Cassis reported as follows:

"There has not been a meeting of the Policy Committee, which steers the activities of the overall Reinforced Plastics/Composites Division, since the last meeting of the Board. You will kindly remember that outgoing Chairman, Charles D. Jones, reported at some length on the outcome of the last meeting of the Policy Committee held in San Francisco on May 1.

"At the present moment, the Division is concerned with formulating the details for the forthcoming 24th Annual Conference of the Division which is to take place in Washington, D. C. at the Shoreham Hotel on February 4, 5, 6 and 7, 1969. Complete program details have been finalized and the Secretary has within the past few days issued formal letters of invitation to some 100 speakers. All in all, there are to be 20 sessions at next year's Conference. In addition to the usual sessions on raw materials and end use applications, there are being scheduled at the 1969 meeting several management sessions dealing both with business opportunities and government safety programs. There are also the usual sessions on process mechanization and technology. As at past meetings, there will be an exhibit of end use products.

"As Mr. Jones pointed out in his last report to the Board, a decision has been made to organize a Speaker's Bureau on a national basis. The intention is to provide qualified speakers throughout the country an up-to-date presentation on the Reinforced Plastics/Composites industry. A bulletin has been sent to the complete membership requesting slides and other pertinent information which will form the basis for this Speaker's Bureau presentation. Now that the Division has a general fund in the amount of \$4,731.00, the Policy Committee plans to engage professional help to assemble and prepare the Speaker's Bureau presentation.

"As the members of the Board are aware, under the sponsorship of the Division, polyester and epoxy resin producers are now submitting statistics on a quarterly basis to Ernst and Ernst in nine end use categories. Total figures for 1967 in these nine categories have now been obtained and within the next few weeks total composite breakdown-figures will be drawn up. For the first time, this statistical program will provide the industry with a clear-cut picture of the actual poundage of total laminate now being molded and fabricated. There is every reason to believe that we will be able to illustrate that the industry is much larger than we have envisioned it to be in the past.

"There are a number of important subjects to be considered at the next meeting of the Policy Committee to take place at the Greenbrier, White Sulphur Springs, West Virginia, on August 29 and 30, such as a study of the possibility of sponsoring a commercial type exhibit; and of interest to the Board is the fact that at the next meeting Joel Frados, Editor-in-Chief, MODERN PLASTICS Magazine, will give that publication's presentation entitled 'Plastics: A Fifteen-Year Outlook.'

Page 61
August 7-9, 1968

"Following the Greenbrier meeting, I will be able to give you an extensive report on the Division's activities and plans; and this report will be presented at the October Board meeting."

SPI-25877

REINFORCED THERMOPLASTICS DIVISION: Russell B. Akin, Chairman, reported as follows:

"Main purposes of this Division are development of uniform basis for reporting physical data, and promotion of these materials as standardized products of known design use rather than irregular mixtures of resin and additive. Thirteen companies are full members, making and selling reinforced thermoplastic compositions for molding or extrusion. Nine additional companies are associate members, making materials used in reinforced thermoplastics. The Eighth Business Meeting was well attended on May 16th.

"This Division felt that cooperation with ASTM would enhance utility of test procedures and data, and save manpower as compared with separate development in SPI and ASTM. After some months of hesitation for policy reasons, ASTM has agreed to formation of a joint SPI-ASTM Committee on Reinforced Thermoplastics. This is now operating as Subcommittee 20.80 under ASTM D20 Plastics Committee. With the exception of one end user as required by ASTM Bylaws, the members of 20.80 are entirely those active in this SPI Division.

"A committee has been appointed to study and recommend ways to communicate plastics data to end use designers. This will make use of detailed questionnaires sent to selected appliance and automotive engineers by an SPE Committee which had several members of this Division. Responses, which are still coming in, may be of interest beyond this Division: most often requested were standardized data for modulus, creep, impact, and resistance to chemicals or hot air; 80% of respondents stated they would use sophisticated strain data; mechanical engineers especially were largely unaware of differences in performance due to molding variables, materials generally being blamed for disappointments.

"On basis of abstracts, this Division has accepted six papers of high technical and commercial interest for the February 1969 Conference of Reinforced Plastics/Composites Division."

VINYL DISPERSIONS DIVISION: Submitted on behalf of Frank W. Caplan, Chairman, by staff administrator.

The Vinyl Dispersions Division has not held a business session since the last meeting of the Board. As pointed out at that time, the 36th session took place on April 18, 1968 in St. Louis, Missouri.

The 37th meeting of the Division will convene in Washington, D.C. on September 19, at which time the principal informal speaker will be Jerome H. Heckman, Esq., Legal Counsel for SPI, on the subject of FTC and FDA.

This Division continues to develop uniform testing procedures, which, by tradition, are issued by the SPI on special Vinyl Dispersions letter-head.

Consideration is now being given to revising the promotional booklet issued some years ago, in view of the fact that many of the formulators of vinyl dispersions found the need for quantities of an updated version of a promotional piece outlining the importance of the formulator.

The Division has finalized the details of a session it plans to hold during the November Annual Conference of SPI in Chicago, at which time the theme of the session will be "Vinyl Dispersions in the Home - The Vinyl Formulators' Role."

VINYL-METAL LAMINATORS DIVISION: Submitted on behalf of Ralph Omdahl, Chairman, by staff administrator.

Arthur Andersen and Company presented the results of the cost estimating exercise at the division's last meeting held in June. Comments on this undertaking were favorable.

Most of the division's last meeting was devoted to a discussion of expanding the division's operations to include non-metallic substrates. A limited mailing resulted in the largest turnout in the division's history. Since there are numerous types of non-metallic substrates and the use of films other than vinyl as overlays, it was agreed to establish a by-laws committee to review restructuring the division. The by-laws committee is comprised of metallic and non-metallic laminators. An attempt will be made to hold a meeting during the summer.

Those in attendance were requested to send names of laminators who should be invited to the next meeting planned for October.

Mr. Harding reported that this Division is trying to expand the scope of their activities to include not only vinyl and cut-length metal, but also other coatings and coiled steel, aluminum and plywood, in order to be truly representative of the laminating industry and become considerably more active. There is much interest in this effort, and the attendance tripled from one meeting to the next, due to this increased representation.

H. GENERAL FABRICATION

CUSTOM MOLDERS DIVISION: Robert C. Appleby, Chairman, reported as follows:

" Since our last report, the Custom Molders Division has held its Spring regional meetings, at which Arthur Andersen & Co. presented its analysis of cost-estimating practices and philosophies among custom molders based on the cost-estimating exercise in which member firms participated.

" The Policy Committee will meet in early Fall to review members' response to a current mailing, which asks them to rate a number of problem areas in the order of their interest, and to offer names of individuals within their companies who should be on the division mailing list. It is hoped that this will result in better programs, greater participation, improved attendance at meetings and more depth in the leadership ranks of the Division. "

Mr. Appleby continued "the present activities of this Division include continuing the compilation of a Glossary of Terms which, when completed, will be added to our standards booklet. We are faced with obtaining enough manpower to serve on committees, as well as finding out from our membership added topics which are current and desirable for examination by this Division."

Mr. Appleby reminded the Directors that in May of 1967 a Midwest Conference was held outside of Chicago, with approximately 250 attendees. "We believe this low attendance could be counteracted with better coordination and publicity, and therefore recommend a Midwest Conference in 1969. There are increasing numbers of companies in the Midwest, and if they could be informed of such an activity, their interest would be greater."

Mr. Harding commented that the expanded distribution of the SPI Bulletin will reach more people in member companies and create interest in this Conference. "As SPI programs develop further, we will have a need for regional meetings to discuss safety and other items of concern to all. The 'individual membership' was developed to help expand distribution of our activity announcements. Our coverage and representation in the Midwest area is not as good as it should be, and this needs to be corrected; a Conference would be a good opportunity."

In connection with communications to the Midwest companies, Mr. High suggested that the attendance list obtained from NFE should be used, spending money and time in screening it through a membership committee. Perhaps rescheduling the dues structure would bring in smaller companies.

Mr. Cole mentioned that much of this is being covered in the Organization Committee. He further commented that perhaps the weak link in the communications area is the voting representative who does not pass along our announcements and bulletins. We need some kind of communication system to inform everyone of activities.

Mr. Hoffer stated that the mechanics are present, and the voting representative should take the responsibility of passing along all information to the proper party. Mr. Leach added that this problem does need to be solved; even with a smaller group such as the New England Section, there is not enough dissemination of SPI information.

Mr. Hoffer, with regard to the cost-estimating exercises, proposed that one, unidentified company set a "norm" by which all participating companies could be compared. This would strengthen the exercises and provide more meaningful results.

Mr. Jenkins said that this would be taken into consideration upon receiving legal approval.

Regarding the question of a new dues category for the small prospective company, Mr. Babcock commented that many people have mentioned this to him. He asked each person who desired a new system to send him a letter, listing what is wrong and suggesting possible corrections. These constructive suggestions would be most gratefully received.

Concerning a membership drive, Mr. Harding mentioned that we have a large potential in the NPE registration and the lists of attendees will build up new mailing lists for SPI. It is believed, however, it will be better to wait for action until after the NPE results are compiled and our new services, such as the safety program, are established. This will provide us with a strong position for soliciting new members. Mr. High added that the SPI promotional film should be completed for use at that time also.

Mr. Jenkins pointed out that each individual Director should urge membership in SPI. Mr. Harding stated that the majority of new members are currently from the Western and Canadian sections, due to their personal contacts and follow-up system. The New York staff does not have time to work on membership by calling on potential companies; there is no membership committee on the Board.

Mr. Jenkins added that the Organization Committee is studying this but that a large membership is not the goal of The Society specifically. Mr. Hopkins agreed that numbers alone will not help SPI, we need not just large membership but good, active membership. He further stated we should review our program to ascertain if we are providing the services which potential members desire.

Mr. Lilligren stressed that the Western Section's active membership committee contributes much help; with a chairman who has the direct responsibility, the job is perhaps better done. Mr. Salmond said that, in very large measure, most of Canada's success with new membership has been based on the enthusiasm of the Directors who write letters and follow up.

The meeting adjourned for the day at 11:50 a.m. on Thursday, August 8th.

The meeting reconvened at 9:05 a.m. on Friday, August 9th.

MACHINERY DIVISION: Thomas G. Bishop reported for H. Martin Allard, Chairman:

"Our Division, with the publication of the Proposed Model Safety Code, continues its extreme interest in SPI safety activities and, in particular, the proposed work of our safety consultants.

"Neil Henry and Don Pegley of our Safety Committee, working together with representatives of the SPI Safety and Fire Prevention Committee, were successful in obtaining two consultants - Messers Kling and O'Connell - who will develop an SPI safety program and assist in the hiring of a permanent SPI staff member devoted to safety.

"We are attempting to develop, wherever possible, uniform safety signs for all major types of equipment.

"With the successful publication of our Injection Machine Section nomenclature booklet, other sections of the Division are completing work on their specific nomenclature.

"We continue to develop test methods and standards for machinery wherever the need occurs.

"We will hold our annual conference on September 18 to 21, at the Bald Peak Colony Club, Melvin Village, N.H. "

Regarding the Proposed Model Safety Code, Mr. Harding said that this is being widely distributed within the industry. Also, insurance companies have asked for this in quantities, and they will utilize and enforce it. The Safety and Fire Protection Committee and the two safety consultants will review the Code.

MOLD MAKERS DIVISION: Submitted on behalf of John W. von Holdt, Chairman, by staff administrator.

A major undertaking within the Mold Makers Division is the preparation of a Mold Buyers' Guide. A final draft of the Guide has now been prepared and will be circulated to a task force of mold makers and molders for their comments and/or approval. The purpose of this Guide is to furnish the prospective purchaser of a mold with the necessary information he should know when arranging for a mold to be manufactured.

The three Chapters within the Mold Makers Division continue to meet several times each year. The Midwest Chapter met in Chicago on May 28 at which time Ben Werne, SPI Labor Relations Counsel, spoke on new and proposed legislation affecting labor relations. His remarks were applicable to both union and non-union mold making bodies.

The New Jersey-New York Chapter met on June 11 to give consideration to the proposed Mold Buyers' Guide and to hear a presentation by David Shair, an associate of Mr. Werne on "What's Ahead in Labor Relations." Ernest Cassar of Newark Die Co. was elected Chapter Chairman at this time.

A meeting of the Western Section Chapter was held on June 13 at which time the program featured a panel of company representatives involved in various types of heat treating.

The Division Chairman to serve during the next two years beginning June 1 is John W. von Holdt of Plas-Tool Co., Niles, Illinois.

Mr. Harding mentioned that Mr. von Holdt is actively planning to make this Division as active once again as in the past.

SHEET FORMING DIVISION: Submitted on behalf of Robert P. Kittredge, Chairman, by staff administrator.

The Sheet Forming Division will hold its annual meeting in Chicago the morning of November 11. Speakers from the industry and consumer companies will discuss applications for sheet formed products in various areas.

A proposed Product Standard on Polystyrene Film and Sheet For Forming and Fabricating prepared by the Division is expected to be published as a voluntary standard shortly by the U. S. Department of Commerce.

Mr. Jenkins next called upon the newly-elected member of the House of Commons, Mr. B. J. Danson, who spoke on Canadian Nationalism.

At the close of Mr. Danson's remarks, Mr. Jenkins thanked him for arranging for Board members and their wives to visit the Parliament Building in Ottawa.

Page 70
August 7-9, 1968

I. PACKAGING AND MATERIALS HANDLING

BEVERAGE CASE MANUFACTURERS DIVISION: Submitted on behalf of
Jack Leuck, Chairman, by staff administrator.

Division remains on stand-by basis, awaiting publication of
product standard.

Page 71
August 7-9, 1968

FOAM CUP MANUFACTURERS DIVISION: Submitted on behalf of James M. Harrison, Chairman, by staff administrator.

The next Division meeting will take place on September 17, 1968 in Chicago, Illinois concurrently with The Paper Show.

The quarterly statistical program covering the production and sales of foam cups and containers is most successful and nearly all members are participating.

Various committees are working on an industry-wide advertising and promotion program; membership promotion; development of a Commercial Standard, and other projects.

FOOD, DRUG AND COSMETIC PACKAGING MATERIALS COMMITTEE: Chairman Robert M. Miller reported as follows:

"Our committee has not met since the May 1968 Board meeting at Hot Springs. In fact, this has been a relatively quiet period for our activities. Let's hope it is not the calm before the storm! We do have a few items of interest to report, however.

"1. Reorganization of the Food & Drug Administration and the Department of Health, Education and Welfare. First of all, Dr. James L. Goddard, Commissioner of FDA, resigned effective July 1, 1968. Other high administrators and scientific personnel also announced their retirement or have been transferred to different posts. Then, it was announced recently that, effective July 1, 1968, a new Consumer Protection and Environmental Health Service was formed within the Public Health Service, consisting of the Food & Drug Administration, the Environmental Control Administration, and the National Air Pollution Control Administration. A new FDA Commissioner, Dr. Herbert L. Ley, Jr. has been named, and FDA will be expanded to take over some of the former responsibilities of the Public Health Service.

"We do not know how this reorganization will affect our activities but plan to follow closely.

"2. National Conference on Indirect Food Additives. George Ingle reported on this at the last meeting. There still has been no response or action from FDA regarding industry's proposal for an FDA - Industry Advisory Committee to attempt to resolve the problems involved in the clearance of plastic and other food packaging materials. FDA is rumored to have their proposal prepared, but it has not been announced. We and the other industries still are pushing for the advisory committee comprising all phases of the packaging field, not consideration on an industry-by-industry basis, as FDA suggested. We do not desire to be divided and conquered. Perhaps the above-mentioned reorganization will delay action even further.

"3. Occupational Safety and Health Act of 1968. This has been discussed previously and status reports presented in SPI General Bulletins. However, we believe it is important enough to bring to your attention once more. The original bill, H.R. 14816, was approved by the Select Subcommittee on Labor of the House Committee on Education and Labor. However, since so many objections were raised during the hearings on this bill, and since there were many amendments in Subcommittee, a 'clean' bill, H.R. 17748, was introduced for full Committee consideration beginning July 9th. A companion bill, S. 2864, has been introduced in the Senate. These bills provide for Federal Government promulgation of mandatory occupational health and safety standards for a broad range of industrial employees.

"Public hearings are being held on the Senate bill by the Subcommittee on Labor of the Senate Labor and Public Welfare Committee. It is not known at this time when the Subcommittee will take action on the bill.

"The new House bill, H.R. 17748, provides that the Secretary of Labor 'may' appoint advisory committees to make recommendations concerning any occupational safety and health standard. Any recommendations would be published with interested parties allowed to comment. However, the final word under this bill rests with the Secretary of Labor. Approval of this bill by the House Committee is expected, although further changes may be made. NCA and other associations have testified on these bills, supporting the objectives but opposing many of the current provisions. It will be prudent for all of us to follow this legislation, as it may have a profound effect on our industry. "

Mr. Ingle stated that "those interested in Teflon should know that the Public Health Service Division of Occupational Health published, approximately three months ago, the report on a six-year effort entitled 'Pyrolysis Study of Polytetrafluoroethylene.' This really states if one pyrolyzes or combusts Teflon under various conditions, one obtains certain chemical compounds and the Public Health Service has determined the toxicity of these. This work was stimulated by a coalition of firemen, occupational hygienists, NFPA, the Department of Labor, etc. This report has now been published and is available, but it makes no linkage between the very academic study of the pyrolysis and what to expect from a realistic situation, such as the extrusion of a given polymer where inadvertently there may be thermal decomposition.

"A month ago, the same group embarked upon the next series of polymers which will be covered on this same study. As announced by the Public Health Service a year ago, this next group includes PVC. I am on a subcommittee which is concerned with collecting data on what is called 'human exposure.' If anyone has any information or records, published or unpublished, as to what happened to individuals involved in fires or thermal decomposition of PVC and other polymers, I would like to have such information in writing. Please eliminate anything of a proprietary nature, simply list the details on the human exposure to whatever has occurred. While PVC is now under study, it is only a matter of a year or so before this group launches into polystyrene, polyethylene, and any other polymers."

Mr. Cole inquired whether Mr. Ingle wants information concerning pyrolysis in a fire situation or in a processing situation, and Mr. Ingle replied "both."

The question was raised as to whether or not this would encompass the problem of disposal and also whether it would be related with the May Committee. Mr. Ingle said that there was no direct connection; "the conditions under which the PHS evaluated products are quite different than the conditions under which one incinerates. There is no direct linkage. The only information now needed is that of 'human exposure.' The object of the study is attempting to minimize the alarmists' interpretation of these situations."

Mr. Cole further asked whether or not Mr. Ingle desired information other than that in relation to PVC, and Mr. Ingle answered any and all information on "human exposure; PVC or otherwise."

Mr. Ingle expressed one word of caution: they do not want to alarm anyone. He mentioned that any information sent to him would be greatly appreciated.

Mr. Ingle reported on the Materials Disposal Research Council, stating that a Charter has been drafted and is presently being studied. It has taken over six months to work up a Charter and SPI cannot afford to wait on this important matter of disposal.

Mr. Harding added that "at the last Board meeting, approval was given to form a Disposal Committee, composed of high-level corporate heads of research in some of our member companies.

"However, the kind of people we really need for this task are men who are knowledgeable both in packaging and in disposal, who can spend some time with this and become very familiar with the issue. We need not a name group now but a working group. Tom McGrath will be the secretary of this 'ad hoc' group, and George Ingle has agreed to help launch this project. The committee can then monitor what is taking place, making recommendations to the Board on programs."

Mr. Jenkins said that this has been brought to the attention of the Executive Committee and they are in agreement with the proposal. Mr. Babcock added that if each division had a disposal committee, it would be an excellent approach; each division which has an end product, which comes under the disposal problem should be represented on the committee.

The Board agreed to reconstitute this disposal concept into a working group and to make it quite clear to the companies whose representatives will be involved that the work of the group will be behind the scenes.

Mr. Richards inquired as to whether there was any basis for introducing a public relations program on disposability. Mr. Harding replied that, at the present time, the best way would be participation in Keep America Beautiful. Continuing with the KAB program, Mr. Harding said that SPI is represented on their Operating Committee by Tom McGrath. The Bottle Division has, in the past, contributed \$1,000, and SPI as a whole has contributed a like amount. It is recommended that we should increase the SPI contribution to \$3,000; this can be done within our Public Relations budget. The Bottle Division will be requested to review its participation.

This increased contribution to KAB was moved by Mr. Michel, seconded by Mr. Bishop, and unanimously approved by the Board.

Mr. Ingle mentioned that Allen Seed of KAB has proposed that perhaps the May Materials Disposal Research Council should be a part of KAB. SPI, however, disagrees with this approach as these are clearly two different problems. KAB is defensive action, while MDRC is looking toward varied offensive activities to solve potential problems. The Board concurred with this viewpoint.

Page 75
August 7-9, 1968

HEAT SENSITIVE FILM COMMITTEE: Submitted on behalf of Richard
H. Mott, Chairman, by staff administrator.

Division remains on stand-by basis, awaiting publication of
product standard.

Page 76
August 7-9, 1968

INDUSTRIAL CONTAINER INSTITUTE - Submitted on behalf of Mr. Barney J. Loberman, Jr., Chairman, by staff administrator.

The Industrial Container Institute is investigating the possibility of the addition of high-density polyethylene to Interstate Commerce Commission Specification 2U, for use in containers up to 6 gallons.

The Institute continues to make its membership available for consultation by the Department of Transportation, the ICC, and the American Association of Railroads Bureau of Explosives.

PLASTIC BOTTLE DIVISION: Kenneth G. Michel reported for William R. Bolton, Chairman, as follows:

"During the early summer, the Plastic Bottle Division has been concerned about Motor Carrier Rate Bureau increases, and representatives of our Traffic Committee - together with the SPI Traffic Committee - have appeared at hearings in Dallas, Atlanta, and Kansas City in an attempt to forestall bottle transportation increases.

"Our Technical Committee has initiated work on PVC bottles and additional bottle finishes, while simultaneously the work at the Institute of Paper Chemistry on top load of palletized boxes of bottles continues.

"Members of our Milk Bottling Subcommittee have sat in on hearings of the Pennsylvania Milk Control Commission, wherein up-charges have been proposed on milk packaged in plastic bottles. As always, we rely heavily on the advice and counsel of our Legal Advisory Committee.

"Our promotional activity continues to be successfully handled by our active committee participation and the work of Burson-Marsteller Associates.

"At present, we are making every effort possible to assist the plastic bottle in its usage by the food industry."

Page 78
August 7-9, 1968

PLASTIC TUBE MANUFACTURERS DIVISION - Submitted on behalf of
Mr. William G. Remington, Chairman, by staff administrator.

The Plastic Tube Manufacturers Division continues to concentrate its major effort in the development of plastic tube finishes for the industry. The concentration effort now in the area of HF and ID's plus tolerances is the bulk of the challenge for our Technical Committee.

Through the assistance of our Traffic Committee, members are kept up-to-date of motor carrier LTL rate policies.

At the June meeting of the Plastic Tube Manufacturers Division, William G. Remington of Peerless Tube Company was elected Chairman of the Division, succeeding Henry E. Griffith, Thatcher Plastic Division, Rexall Drug & Chemical Company.

POLYETHYLENE FILM DIVISION (Standing Committee)

As pointed out at previous Board meetings, the Polyethylene Film Division promulgated, some years ago, Commercial Standard C8227-59 covering film 0.001 to 0.004 in. inclusive in thickness.

Since that time, the Standard seems to have been satisfactory to producers of polyethylene film without going through a series of amendments.

This Division, as agreed to some time ago, will remain a standing group of The Society until such time as requests are received for changing the Standard.

POLYETHYLENE REFUSE BAG COMMITTEE: Submitted on behalf of Warren Hopkins, Chairman, by staff administrator.

Arrangements will be made soon with the National Sanitation Foundation to call a meeting of interested parties in order to develop a standard for polyethylene refuse bags.

The public relations subcommittee met and recommended several possible approaches. A letter ballot outlining the proposals was prepared. The subcommittee will meet in the latter part of July to review the response and make further recommendations.

Mr. Harding commented further that New York City is conducting a new study this summer on the use of plastics refuse bags. The bags weigh approximately 1/8 lb. and will hold 30 lbs. of refuse.

Mr. Ingle reported that Mr. Feldman, Assistant Sanitation Commissioner of New York City, believes plastics bags do not affect the incinerators in any way. A problem might arise with an industrial dumping, but New York City's incineration program would prevent even this.

RIGID PLASTIC CONTAINER DIVISION - Mr. Joseph Hines, Chairman,
reported as follows:

"Work within our Division has been delegated to three standing committees: standards, traffic, and liaison with the SPI Food, Drug and Cosmetic Packaging Materials Committee.

"During the summer a meeting of our Technical Committee will be held to implement test standards work in the area of formed rigid containers.

"Our Traffic Committee works closely with the overall SPI Traffic Committee monitoring all activities by the National Railroad and Motor Carrier organizations.

"The Division members are deeply concerned about the disposal of rigid plastic containers and will participate in any activity SPI undertakes in the disposability field."

Mr. Hines commented further that this Division is highly concerned with the matter of disposability since foam cups have a high soot factor when burned. "Also, the Division is trying to redefine the term 'Rigid Plastic Container' to make it more encompassing and representative; we are trying to build up our membership in terms of the people in the injection molding field who are producing what we would classify as rigid plastic containers."

Mr. Harding mentioned that this matter of strengthening the entire area of rigid containers has been discussed by the Organization Committee.

(J) CONSTRUCTION

PLASTICS IN CONSTRUCTION COUNCIL: Vice Chairman Russell B. Akin
reported as follows:

"The report of Keith W. Harrison for the May 15-17 meeting of the Board is still essentially complete and up-to-date.

"The several committees of the PICC are actively developing their programs for fiscal 68-69, which will be given final review by the Policy Committee and Construction Council membership at the annual meeting in October.

"In addition, the test facilities at IIT Research Institute will probably be used during the months of August and September for special studies involving the problems encountered by company members in obtaining continued approval for urethane and styrene foam thermal insulation in wall applications in the City of Chicago. There is no other facility capable of such work, and our IITRI project can supply data on these materials against standard fires in a variety of occupancies.

Dr. Akin asked the Board or the Standing Committee on Organization to give serious thought to a "coordinating committee" regarding the question of flammability. Several divisions are involved, and almost anyone today who is fabricating needs this information. The Standing Committee on Organization should study the fire situations to assure general coordination of information and distribution of findings.

It was agreed that temporarily this matter can be coordinated at staff level, utilizing Safety Consultant Alan Kling.

PLASTICS PIPE INSTITUTE: President Lewis J. Adams reported as follows:

"The Plastics Pipe Institute started its fiscal year with a sound economical base resulting from a member approved dues rate increase. It also faced 1968 with a unified field code effort, having six men strategically placed throughout the country. In addition, there is a field engineer responsible for work with utilities and associations in gas, water, irrigation, corrosion, petroleum, agricultural and industrial areas.

"The Technical Division activities have become more effective with a streamlining of work with ASTM. A continuing series of technical reports was initiated, several of which have been published. Work on a plastics piping manual is underway with publication expected in 1969.

"A reorganization of the Market Division will focus greater attention on the marketing aspects of our industry. Programs in advertising, public relations, education, and internal communications will take marketing advantage of the technical and code approval advances."

Mr. Adams further said that "the ABS Council membership voted not to become a fund-raising body, but rather an advisory council to promote ABS products. The PVC people are in the process of forming an offsetting council to direct the expenditure of funds in the promotion of PVC products. The PPI Board has established that none of the people will be independent fund raisers or separate promoters of code activities; we will approach codes in a unified effort.

"Bolivia, Chile and Peru have expressed an interest in tying in with US standards rather than European standards, and they have asked me to speak to SPI as to how to go about this." Mr. Ingle invited representatives from these South American groups to the International Standards Making Organization. It would be very much in the interest of SPI to cooperate with these groups.

POLYETHYLENE COMMITTEE ON CONSTRUCTION, INDUSTRIAL AND AGRICULTURAL APPLICATIONS: Submitted on behalf of C. J. B. Thor, Chairman, by staff administrator.

This Committee is presently concerned with amending existing Commercial Standard C8238-61 dealing with the application of polyethylene sheeting to construction, industrial and agricultural uses. As pointed out at the previous Board meeting, an earlier balloting of proposed amendments to the Standing Committee ran into difficulty, primarily in relation to what should be the minimum net weight designation for any given nominal thickness of film.

The U. S. Department of Commerce withheld approval of the proposed amendments pending a review of thickness, width, yield and weight of polyethylene sheeting by technicians at the National Bureau of Standards. The NBS conducted a study on thirteen samples of commercial film, and as a result came up with a new version of recommended revisions to the Standard. This proposal was balloted at the Standing Committee level.

Several suggestions were made for changing the NBS proposal, resulting in a special meeting being held in Washington, D.C. on April 24, at which Dr. Gordon M. Kline, Technical Consultant for the NBS, was present.

Since the last Board meeting, another special meeting was held in Washington, D.C. on May 27th, under the direction of Dr. Kline. This special meeting was attended by all members of the overall Committee, giving them an opportunity of commenting, paragraph by paragraph, on a new version of a series of amendments based upon the earlier NBS proposal, and subsequent changes recommended by the Standing Committee.

Agreement was reached at this May 27th meeting that the latest draft of the proposed amendments, known as Amendment No. 1, is now to be issued by the Product Standard Section to the Standing Committee, and following that, to the entire industry, including users. As a matter of fact, the new draft of the proposed amendments was mailed to members of the Standing Committee on June 12th for approval.

This Committee continues to cooperate closely with FHA in that agency's proposed revision of test procedures for vapor barrier materials under slabs and for ground cover in crawl spaces.

RIGID PVC EXTERIOR BUILDING PRODUCTS DIVISION: Submitted on behalf of Leonard W. Weaver, Chairman, by staff administrator.

Since the last meeting of the Board, this Division met in New York City on May 23, its seventh session toward promulgating a preliminary draft of a Proposed Product Standard for submittal at a later date to the U.S. Department of Commerce.

By motion, with one company voting negatively, all producers of the rigid PVC siding and accessories approved that the Proposed Product Standard, in its latest draft form, be submitted by the Staff Secretary to the Department of Commerce.

Representatives of one company voting in the negative feel that certain of the technical features of the document are not meaningfully constituted to assure a quality product, i.e., impact and oil canning. Attempts are now being made by the Staff Secretary to resolve this matter before he turns the document over to the Department of Commerce.

The Division hopes to turn over the proposed draft of the Product Standard to the Office of Defense (Family Housing) in Washington, D.C. for that agency's consideration in referencing the use of rigid PVC siding in the Military family housing specification.

STRUCTURAL FABRICATORS DIVISION: Submitted on behalf of Paul R. Chamberlain, Chairman, by staff administrator.

A meeting of the Structural Fabricators Division was held in New York City on June 3, 1968.

The members discussed ways and means to increase the attendance at the Division session being held during the SPI Annual Conference in Chicago on November 14. The theme of this session will be "Structural Plastics In Pollution Control."

It was agreed at this meeting that a manual should be developed on Structural Plastics Fabrication. A task force was appointed consisting of fabricators, sheet manufacturers and material suppliers to prepare this brochure.

It was decided that the manual should contain the following sections: (1) Introduction; (2) Standards and Dimensions of Terms and Methods of Testing; (3) Types of Materials and Products Including Corrosion Charts; (4) Fabrication; (5) Welding; (6) Machining, and (7) Structural Applications.

The next meeting of the Division will be held in Chicago on the morning of November 15 during the time of the National Exposition.

(J) STANDING COMMITTEE ON ORGANIZATION

Chairman Roger G. Richards reported as follows:

"For the benefit of the new Directors, the Standing Committee on Organization members are Bill Cole, Les Gigan, George Ingle, Clarence Neher, Ralph Harding, and myself. The Committee has had a couple of full-day sessions since the last Board meeting.

At our last meeting, considerable progress was made in redefining the role of the SPI organization and how it can be made more effective in the future. The kind of organizational structure which is evolving envisions a federation of divisions, supported by a strong staff of functional and industry specialists, working with the appropriate functional committees and industry councils. These committees and councils will obviously be made up of the Society membership. Work is underway also in redefining Board membership, the function of the Board, Board committees and Bylaws. There is much involved in reviewing our entire organizational structure.

"Our next meeting is scheduled for August 28, at which time Jerry Heckman, our legal counsel, will be actively participating."

(K) ADVISORY COUNCIL

Harry M. Jenkins, Chairman, reported as follows:

"This Advisory Council is composed of past Presidents of SPI who are currently active in member companies, and others appointed by the President; it has no authority rather than to advise the President.

"Our most recent meeting was held in Cooperstown, New York, with the subject matter being 'What should be the objective of SPI and how should we define the plastics industry.' We had representatives from the plastics industry media present at this meeting, and also some outspoken critics of the plastics industry.

"It was a good meeting, and we will pass the findings along to Phil Singleton, and also to the Standing Committee on Organization at Phil's request. I am sure that it will be helpful in their reaching decisions on these very fundamental questions. These are the first steps which must be taken before we can come up with a logical reorganization."

(L) OTHER BUSINESS

MEMBERSHIP DEVELOPMENT: Mr. Shaw, in referring to Thursday's discussions on membership in SPI, suggested that "we could motivate and reinterest the firms presently belonging to SPI. Also, by some recruitment, I believe we can bring in many firms who would like to be members of SPI. These efforts will go beyond the scope presently provided, and I would like to recommend that the SPI staff, within its present manpower or by additional people, solicit additional memberships."

Mr. Jenkins replied that there is no Board authorization needed for this matter of staff assignment for membership solicitation, but rather only budgetary problems are involved.

Mr. Richards mentioned he detected a difference of opinion on the posture SPI should take in the solicitation of members, and asked for a clarification. Mr. Hopkins reiterated his statement of yesterday, wherein SPI should not be concerned with obtaining members for membership sake alone, unless a real interest is involved in the plastics industry.

Mr. Shaw replied that it is his belief that there is an interest present in many companies; what is needed is to remotivate this, getting the younger men involved in SPI activities. Mr. Jenkins added that much of this is obtaining good public relations; also, many of the older men in the business have retained their voting membership in SPI but are not actively doing anything with it in their own companies.

Mr. Danson pointed out that the good results obtained by Canada have been due to the personal effort of the staff and directors, plus the Canadian brochure describing the advantages of membership.

Mr. Hopkins asked if it is the consensus of this group that there are a great number of companies in the plastics industry who are not aware of the functions and opportunities that SPI membership offers to them. Mr. Harding answered that there are 1,130 domestic members in the U.S.; there are at least 5,000 companies in the plastics industry in the U.S. These non-members are apparently not aware of SPI and its services. Mr. Hoffer stated his belief that some of these companies know of SPI but do not join until asked; the asking should be done by SPI. Mr. Harding mentioned the machinery and materials salesmen in the various districts who are on membership committees for SPE. They do an excellent job but promote membership in SPE rather than SPI. Our Society is not utilizing the various memberships across the country in calling upon potential members.

Mr. Shaw said that under our Bylaws, SPI was organized to aid and help one another as a young industry. SPI is not so large today that this concept should not be continued. There are members today who have yet to realize the benefits of membership in SPI.

Mr. Jenkins summed up the discussions, indicating that the Directors are in agreement that the benefits of membership in SPI need to be stressed and sold.

Mr. Babcock expressed his belief that the best way to handle this would be having the Divisions of SPI sell themselves, rather than selling SPI as a whole. Mr. Cole stated a specific staff member could advise the Divisions and help organize membership drives. In the past SPI has had no policy on this and the Organization Committee is studying the area. Dr. Cassis pointed out that a company must actively participate in SPI in order to benefit from membership.

Mr. Harding added that SPI will receive better coverage in the future in the plastics trade publications. As soon as the "product" is in a better saleable form, i.e., the implementation of the safety program, etc., and the Organization Committee returns to the Board with the findings of their study, SPI will launch a major membership effort.

PLASTIC MEAT TRAYS FOR NEW YORK CITY: Mr. Harding said that on Friday, July 26, SPI was advised that the paper industry was calling a press conference on July 30 on the grounds that "serious health hazards" were at stake in the use of clear trays for the packaging of meat. This was a last-minute effort apparently to forestall New York City's new regulation, effective August 1, that all meat sold in retail stores must be packaged in clear trays. SPI had not taken a position on this matter since we have active members involved with both the foam trays and other opaque trays as well as the clear trays. As a matter of policy, SPI has not generally favored any type of restrictive legislation and took no action whatsoever with New York City.

Because of the health hazard issue, it was decided that the plastics industry must be prepared to answer whatever charges were to be raised. As a result, a press briefing was scheduled to follow the paper press conference at the same hotel. On July 30, a full-page ad appeared in the New York City papers, calling attention to potential loss of riboflavin and to other disadvantages of plastics trays. At the SPI conference, we were able, in large part, to counter or at least soften the charges made by the paper interests.

The resulting press coverage was generally neutral and much less damaging than would have been the case had our answers not been immediately available. With regard to the riboflavin issue, one of the companies (Monsanto) involved is arranging an independent study.

AEROSPACE/HYDROSPACE COUNCIL: The Board approved the formation of this group in the Western Section (see page 26).

August 29, 1968

KEEP AMERICA BEAUTIFUL: The Board authorized an SPI contribution of \$3,000 to this project (see page 74).

SPI AND THE URBAN CRISIS: At the previous Board meeting, Mr. Hoffer had called attention to a speech entitled "Living on a Volcano" given by Mr. Charles Lazarus, and copies of this speech were sent to each Director.

Mr. Harding reported that, as directed, the staff had investigated this subject in some detail. He proposed that an article be prepared for the SPI Bulletin, urging members to become active in helping their local communities solve the problems concerned with the hard-core unemployed. This would be a difficult matter for SPI to handle on a national basis.

Mr. Cole added that this is a matter of "trainability" vs. training. "Our industry is such that one will not be doing the same job for the next thirty years, but rather a job will be done for a year or two and then that job will take on another aspect. Therefore, this is not a matter of substituting one for another, but an actual need for more people. We will do anything possible to help those who are trainable."

Mr. Michel mentioned his company had started a hard-core training program about a year ago. The first class has just graduated so it is too early to determine the effects, but he will keep the Board advised.

1969 MIDWEST CONFERENCE: Approval was granted by the Board to hold a Midwest Conference in the Fall of 1969 (see pages 65-66).

PACKAGING FOUNDATION, INCORPORATED: The Executive Committee has discussed this matter regarding an educational donation from SPI. The Board was in agreement to give priority instead to the new SPE-SPI Plastics Education Foundation.

COMPUTERIZED MOLD REGISTRY: Mr. Harding asked for guidance from the Directors on a proposition recently made to SPI that we operate a computerized Mold Registry. This activity was launched last Spring by Mr. Robert Van Voorhis, and it was given some publicity in the SPI Bulletin at that time. A previous offer for SPI to buy this operation was turned down by the staff, but a reconsideration was requested for Board action.

The cost of this venture would be about \$12,000 initially, with an approximate annual operating expense of \$40,000. Staff investigation of member interest has been inconclusive to negative.

A motion was made by Mr. Hoffer, seconded by Mr. Appleby and unanimously accepted by the Board not to buy this operation.

Page 91
August 7-9, 1968

DISPOSAL COMMITTEE: The Board agreed to reconstitute this disposal concept into a working group, knowledgeable both in packaging and in disposal (see page 74).

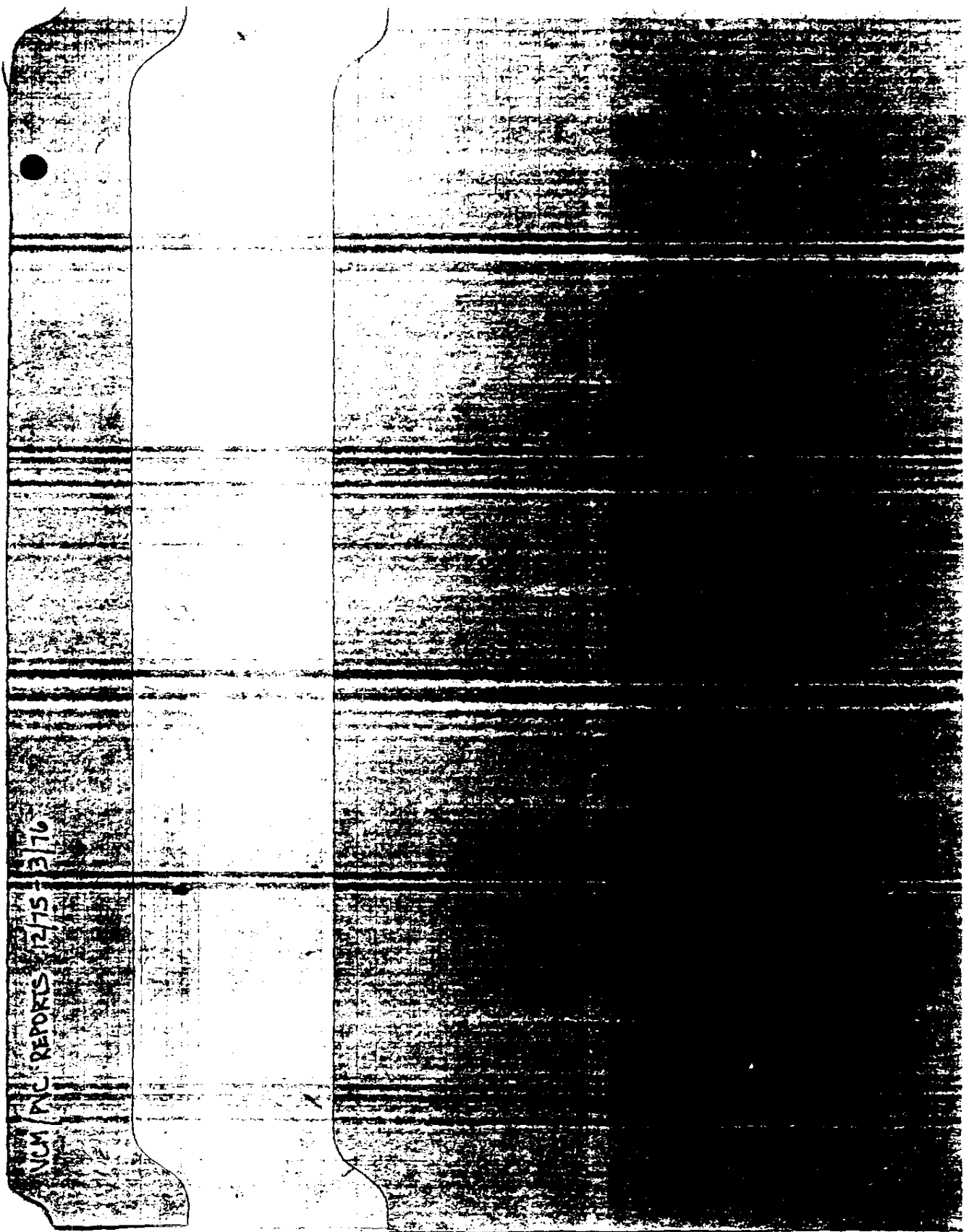
FUTURE MEETINGS: The future SPI Board of Directors meetings have been covered in the transmittal letter to the Directors.

There being no further business, the meeting adjourned at 12 noon on Friday, August 9, 1968.

Respectfully submitted,

Judith D. Gvirtz
Secretary to the Board of Directors

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