



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

250 PARK AVENUE • NEW YORK, NEW YORK 10017 • 212/607-2678

SPI BOARD OF DIRECTORS MEETING

MINUTES

The Homestead
Hot Springs, Virginia
May 15-17, 1968

The meeting convened at 9:10 a.m. on May 16 with President Singleton presiding. Mr. Singleton welcomed the Directors and guests and called for self-introductions:

Directors Present:

Cecil W. Armstrong
George S. Babcock
William P. Cole
Jack G. High
Robert A. Hoffer
A. A. Hutchings
George W. Ingle
Harry M. Jenkins
Charles D. Jones
Robert Lilligren
Kenneth G. Michel
Clarence M. Neher
James B. Prendergast
Roger G. Richards
Stanford H. Shaw
Philip A. Singleton
Donald T. Snow, Jr.
Ted M. Yeiser

Armstrong Products Co.
Owens-Illinois, Inc.
The Polymer Corporation
Polymold Plastics, Div. of VCA
Hoffer Plastics Corp.
Stokes Div., Pennsalt Chemicals Corp.
Monsanto Co.
USS Chemicals, U.S. Steel, Lincoln Molded Plastics
Structurlite Plastics Corp.
Lilligren Plastic Machinery Co.
Continental Can Co.
Ethyl Corporation
Allied Chemical Corp.
Celanese Corporation
Shaw Insulator Co.
Hood Molded Foam Company, Inc.
Springfield Moulders Inc.
Cresline Plastic Pipe Co.

Directors Absent:

H. Martin Allard
Robert C. Appleby
John W. Burley
Walter J. Dugan
Glayden V. Fox
Lester E. Gigax
Joseph Hines
Frank A. Hopkins
Edward L. Littlejohn
Ralph H. Omdahl
Eugene J. Sullivan
H. William Weinberg

Improved Machinery, Inc.
Harry Davies Molding Co.
PENStube Plastics, Div. Pennsylvania Fluorocarbon
General Electric Co.
Faulkner, Inc.
Rubbermaid, Inc.
Thompson Industries Co., Inc.
UNIROYAL, Inc.
Union Carbide Canada Ltd.
Litho-Strip Corp.
The Borden Co.
General Box Co.

PLASTICS
100
1968-1988
ANNIVERSARY OF THE SPI

Incoming Directors Present:
(elected for term of June 1968-June 1969)

Lewis J. Adams
Jerold B. Smith

Evanite Plastics Co.
The Cardinal Corporation

Guests Present:

Robert E. Griffith
Keith E. Harrison
Allen Polson
W. J. Vogel

Structur-lite Plastics Corp.
American Cyanamid Company
Thompson Apex Co.
Reynolds Metals Co.

SPI Staff:

Judith D. Gvirtz
Ralph L. Harding, Jr.
Donald J. Pellicano

MINUTES OF PREVIOUS MEETING

Since all Directors had received a copy of the previous meeting's minutes in the mail, reading of them was omitted. Their acceptance was moved by Mr. Michel, seconded by Mr. Hutchings, and unanimously passed.

FINANCIAL

Mr. George S. Babcock, Treasurer, reported to the Board as follows:

"Each of the Directors received a copy of the ten-month statement for the period ending March 31, 1968 with their Preliminary Agenda. I am again pleased to advise that The Society's financial position is in excellent condition. Our assets increased \$212,606.00 versus the period ending March 31, 1967. This increase was brought about by the initial deposits for booth space for the Twelfth National Plastics Exposition, which are deposited in interest-bearing savings accounts.

"In previous reports to the Board, no breakdown of The Society's cash was given. All that was ever given was the total figure. Schedule A, which is attached to the financial statement, shows where our cash is. The Project Funds that are held in trust by The Society are really a liability (\$215,657.32). Although this amount appears on Schedule A, we must point out that in the event SPI were to be placed in a position where all of the Project Funds were to be liquidated immediately, then The Society would have to cash in a portion of the CD for \$21,498.73. This comes about as follows:

"Our total cash is \$241,000.00; however, \$47,000.00 of this is not available for investment or payouts (Irving Trust Company, Canadian Imperial Bank, Office Fund, California Conference). Also, we have deferred income obligations in two savings accounts which totals \$92,342.21, and payroll account which totals \$1,967.39. This leaves cash on hand in the Regular Checking Account SPI and Projects of \$99,828.99. If we combine this cash, savings account cash and the payroll account cash, we have \$194,000 and, therefore, in order to pay off \$215,600.00 you can readily see that we are short \$21,400.00 which appears as a deficit cash position, even though it is not actually a deficit cash position.

"Further, our true cash available for investment is \$99,800.00, but we must take into consideration that the very next day the Society had Accounts Payable of \$41,000.00. In other words, we are invested to the maximum, leaving a bare minimum available for current operations. For the month of March, our operating funds averaged \$60,000.00.

INVESTMENTS

"Our investment picture has increased \$437,000.00 as compared to the same period for March 31, 1967. We have continued, whenever possible, to add to The Society's investments as evidenced by the April 18, 1968 Certificate of Deposit that was reinvested for the face value, plus interest, plus additional monies.

"PROJECT FUNDS HELD IN TRUST

"All the funds excluding two are continuing to operate in proper fashion with sufficient balances available to meet commitments. The Dusseldorf Fund is down to a deficit of \$21.38. Fluorocarbons Division Conference Fund shows a deficit of \$1,016.79. We will have more to report on this balance at the next Directors Meeting.

"RESERVE - SCHEDULE D

"The main reason for the \$200,000.00 increase is again because of the payment made for booth space at the Twelfth National Plastics Exposition (\$200,000.00).

"STATEMENT OF INCOME AND EXPENSES - SCHEDULE E

"Even though we show excess of income of \$61,000.00, in actuality the Society was operating almost at budget. Our total expenses were \$774,800.00 as opposed to a budget of \$774,20.00. The major portion of the excess of income over expenses was derived from interest income and administrative income NPE. There are a few categories in the expense accounts that need comment.

- 1) Chapter Operating - Salaries and fringe benefits are included in Chapter Operating, therefore, the increase.
- 2) Public Relations Centennial - This expense category is only \$5,000.00 over budget. The effects and mileage we have gotten from the Plastics 100 Campaign are excellent, and by way of reminder, the Board approved a \$20,000.00 allocation for the Centennial to come from interest income for this year and then \$35,000.00 for the coming fiscal year.

"SPECIAL SERVICE TO MEMBERS

"This expense category could also be substantially reduced by applying income from the sale of literature to the expense category which would net to \$18,500.00.

Mr. Prendergast asked, with regard to additional income, what limit there is to the surplus SPI should have. Mr. Harding stated that this question has been discussed last summer with SPI's legal counsel Jerome H. Heckman and the maximum amount would be one and one-half the annual growth income for a non-profit organization. Our reserves are presently quite satisfactory; they are inflated at this time because much of the money shown here represents that payment on booth rental for the National Plastics Exposition.

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

BALANCE SHEET - TEN MONTHS - MARCH 31, 1968

	Current Period Ten Months March 31, 1968	Comparative Period Ten Months March 31, 1967
<u>ASSETS</u>		
Cash	\$ 241,256.55 (Schedule "A")	\$ 466,619.74
Investments	1,370,313.00 (Schedule "B")	932,836.50
Accounts Receivable (Net)	70,974.65	61,077.50
Advances (Sections-SPI, NPE)	12,569.42	3,075.20
Furniture-Fixtures-Automobile (Net)	37,724.85	34,980.04
Prepaid Retirement Plan	<u>6,834.72</u>	<u>4,430.00</u>
<u>TOTAL ASSETS</u>	<u>\$1,739,691.19</u>	<u>\$1,527,630.29</u>
<u>LIABILITIES & CAPITAL</u>		
Project Funds - Held in Trust	\$ 215,657.32 (Schedule "C")	\$ 251,892.86
Accounts Payable	41,059.08	53,246.53
Membership Dues - (Pending Applications-Prepaid-Unearned)	273,377.99	248,016.19
Miscellaneous-(Taxes)	<u>337.87</u>	<u>354.56</u>
Total Liabilities	<u>530,432.26</u>	<u>553,510.14</u>
Reserves	755,021.77 (Schedule "D")	755,097.69
Surplus - (5-31-67)	193,164.65	130,236.38
Excess of Income/Expenses	<u>61,072.51</u> (Schedule "E")	<u>88,786.08</u>
Total Reserves	<u>1,209,258.93</u>	<u>974,120.15</u>
<u>TOTAL LIABILITIES & CAPITAL</u>	<u>\$1,739,691.19</u>	<u>\$1,527,630.29</u>

SCHEDULE "A"

CASH

THE MONTH - MARCH 31, 1968

vs.

THE MONTH - MARCH 31, 1967

First National City Bank (Regular - Payroll)	(\$ 21,498.73)	\$183,541.80
Irving Trust Co.	11,608.05	6,296.73
Canadian Imperial Bank	26,286.88	24,257.45
Held in Trust - Projects	215,657.32 (1)	251,892.86
Office Fund - Petty Cash	1,000.00	630.90
California - Conference	<u>8,203.03</u>	<u>-</u>
	<u>\$241,295.55</u>	<u>\$466,619.74</u>

(1) Also on deposit at First National City Bank
and includes \$92,342.21 in Savings Account.

SCHEDULE "B"

INVESTMENTS

THE MONTH - MARCH 31, 1968

First National City Bank
Certificates of Deposit

<u>Maturity Date</u>	<u>Rate of Interest</u>	<u>Value</u>	
April 18, 1968	5.25%	\$160,000.00	(1)
May 13, 1968	5.375%	155,000.00	
June 13, 1968	5.0%	90,000.00	
July 15, 1968	5.5%	100,000.00	
August 13, 1968	5.5%	150,000.00	
September 13, 1968	5.5%	<u>250,000.00</u>	\$ 865,000.00

United States Treasury Bonds

December 1, 1968	Series "J"	\$ 46,800.00	
December 15, 1968	2.5%	35,300.00	
June 15, 1969	2.5%	49,671.88	
August 1, 1971	Series "B"	<u>100,000.00</u>	231,771.88

Savings Accounts

Irving Trust Co. (N.P.E.)

273,541.12
\$1,370,313.00 (2)

-
- (1) Reinvested 4-18-68 \$175,000.00
- (2) Does not include \$83,800.00 of Deferred Income
(Interest not included)
- TOTAL INVESTMENTS - \$1,454,113.00

SCHEDULE "C"

PROJECT FUNDS - HELD IN TRUST

Balances As Of
March 31, 1968

Boat Fund	\$ 6,974.87
Corrugated Panel Fund	940.20
Elastoplastics - Paving Fund	1,091.35
Export Ocean Shipping	1,268.53
Fluorocarbons Div. - Conference (	1,016.79)
Housewares Div.	321.84
International - Dusseldorf	(1,953.48) (1)
Plastics Bottle Div.	13,831.47
PICC	17,567.49
PPI	90,333.42
PPI - ABS	8,561.53
Polyethylene Bag - Education	13,678.64
Polystyrene - Costing	1,245.00
Profile Extruders - Costing	2,288.00
Profile Extruders - P.R.	59.10
Reinforced Plastics - Publ.	659.56
Urethane Institute Fund	36,530.53
Urethane Mattress Fund	17,298.01
Urethane Systems Fund	1,500.00
Vinyl Film - Activities	703.05
Vinyl Metal Lns. - Booklets	1,500.00
Vinyl Metal Lns. - Cost	2,275.00
	<u>\$215,657.32</u>

(1) Balance in Fund as of preparation
of this report is \$21,401.

SCHEDULE "D"

RESERVES

	<u>March 31, 1968</u>	<u>March 31, 1967</u>
Contingencies	\$112,089.07	\$115,286.57
Printing	5,000.00	-
<u>National Plastics Exposition</u>		
Reserve	540,011.12	446,639.21
Employees Deferred Comp.	83,800.00	-
Current N.P.E. (12th)	205,918.55	193,121.91
Western Section - Conference	<u>8,203.03</u>	<u>-</u>
	<u>\$955,021.77</u>	<u>\$755,097.69</u>

SCHEDULE "E"

STATEMENT OF INCOME & EXPENSES

Ten Months
June 1, 1967 -
March 31, 1968

Ten Months
June 1, 1966 -
March 31, 1967

INCOME

Administrative	\$ 15,000.00	\$ 15,000.00
Interest	45,232.27	37,923.13
Meeting Income/Expense	5,909.58	864.15
Membership Dues - Estimated	757,500.00	740,000.00
Sales of Literature	12,117.27	11,429.56
PICC	-	1,885.50
	<u>\$835,759.12</u>	<u>\$807,102.34</u>

EXPENSES

BUDGET

Administrative	\$ 8,558.94	\$ 5,830.00	\$ 6,511.19
Bulletins	9,971.69	10,830.00	11,591.49
Chapter Operating*	82,631.43	54,160.00	56,845.57
Code Advisory	15,800.21	25,000.00	19,388.64
Committee & Division	26,450.50	29,160.00	23,937.17
Directory	2,119.71	12,500.00	12,582.99
Dues & Subscriptions	5,450.96	5,000.00	5,414.90
Electricity	1,845.55	2,500.00	1,746.22
Executive Group Insurance	2,313.17	3,330.00	2,171.32
Furniture & Fixtures**	186.97	2,500.00	-
Industrial Relations	2,150.00	2,500.00	2,000.00
Insurance & Bond	6,691.80	5,410.00	5,011.68
Legal Fees	43,862.40	48,440.00	45,404.00
Membership Promotion	11,123.38	14,160.00	11,106.99
Miscellaneous	2,845.25	2,500.00	2,607.33
Office Expense	12,413.54	10,830.00	10,170.53
Office Supplies & Printing	17,542.74	19,500.00	18,941.49
Postage & Express	20,579.43	20,000.00	17,657.61
Public Relations	15,608.12	14,160.00	18,662.79
Public Relations - Centennial	22,027.85	16,670.00	-
Rent	30,057.60	31,250.00	30,311.46
Retirement Plan	23,633.02	27,500.00	22,151.39
Salaries	292,587.55	291,660.00	263,340.62
Special Service to Members	30,683.70	17,910.00	23,749.48
Taxes	10,012.43	8,330.00	9,400.82
Technical Expense	16,992.07	15,000.00	16,140.09
Telephone & Telegraph	17,229.81	16,660.00	16,681.92
Travel	31,505.98	45,830.00	41,477.54
Contingencies	11,517.78	15,000.00	23,311.03
	<u>\$774,873.58</u>	<u>\$774,120.00</u>	<u>\$718,316.26</u>
Furniture & Fixtures**	(186.97)		-
	<u>774,686.61</u>		<u>718,316.26</u>
Excess of Income/Expense	61,072.51		88,786.08
	<u>\$835,759.12</u>		<u>\$807,102.34</u>

*Included in Chapter Operating Expense are Salaries for Canada & Western Section.

ESTIMATED DUES INCOME - (19 MONTHS) - MARCH 31, 1968

<u>UNITED STATES</u>	<u>Present Dues</u>	<u>Income</u>
16 Companies Paying	\$9,000	\$144,000
9 " "	7,900	77,900
8 " "	6,000	48,000
7 " "	4,800	29,400
24 " "	8,800	36,400
1 " "	2,450	2,450
4 " "	2,875	9,100
3 " "	2,150	6,450
11 " "	2,000	22,000
5 " "	1,825	9,125
13 " "	1,650	21,450
9 " "	1,350	13,950
15 " "	1,450	21,750
21 " "	1,380	27,720
19 " "	1,250	23,750
24 " "	1,050	25,200
44 " "	925	40,700
104 " "	770	80,080
142 " "	485	68,870
227 " "	290	65,830
419 " "	200	83,800
<u>1111</u>		<u>817,925</u>
12 Educational & Research *	300	3,600
15 Associate *	200	3,000
<u>1138</u>		<u>824,125</u>
966 Individuals *	25	24,650
55 Professionals *	75	4,125
		<u>\$852,900</u>

CANADA

5 Companies Paying	2,000	10,000
1 " "	1,800	1,800
1 " "	1,600	1,600
- " "	1,400	-
2 " "	1,200	2,400
3 " "	1,060	3,180
1 " "	900	900
- " "	850	-
6 " "	750	4,500
5 " "	625	3,125
13 " "	575	7,475
20 " "	500	10,000
28 " "	350	9,800
24 " "	200	4,800
36 " "	150	5,400
<u>165</u>		<u>64,980</u>
3 Educational & Research *	150	450
24 Machinery *	175	4,200
2 Publishers *	250	500
<u>174</u>		<u>70,130</u>
77 Individuals *	25	1,975
5 Professionals	100	500
		<u>\$72,605</u>

ESTIMATED DUES (Continued)

BROUGHT FORWARD \$925,505

FOREIGN

14 Companies Paying	\$500	\$ 7,000
6 " "	400	2,400
7 " "	300	2,100
9 " "	200	1,800
67 " "	100	6,700
<u>103</u>		<u>20,000</u>
37 Individuals •	25	325
6 Professionals •	75	450
		<u>\$21,375</u>
	TOTAL	<u>\$946,880</u>

	<u>Companies</u>	<u>Individuals</u>	<u>Professionals</u>	<u>TOTALS</u>
United States	1,138	986	55	2,179
Canada	174	79	5	258
Overseas	<u>103</u>	<u>37</u>	<u>6</u>	<u>146</u>
	1,415	1,102	66	2,583

THE SOCIETY OF THE PLASTICS INDUSTRY
BUDGET ANALYSIS
1966-67-68

EXPENSES	ACTUAL 1966-1967	BUDGET 1967-1968	TEN MONTHS 1967-1968	PROJECTED EXPENSES 1967-1968	PROPOSED BUDGET 1968-1969
Administrative	\$ 8,827	\$ 7,000	\$ 8,559	\$ 9,500	\$ 9,000
Bulletins	12,258	13,000	9,972	11,500	20,000
Chapter Operations	32,010	65,000	82,631	90,000	100,000
Code Advisory	22,089	30,000	15,800	17,000	20,000
Committee & Division	28,288	36,000	26,451	34,500	35,000
Directory	17,098	15,000	2,120	25,000	13,000
Dues & Subscriptions	5,719	8,000	5,451	8,200	8,500
Electricity	2,115	3,000	1,846	2,200	2,500
Executive Group Insurance	2,977	4,000	2,313	3,500	3,500
Furniture & Fixtures	—	3,000	187	—	3,000
Industrial Relations	2,400	3,000	2,150	2,850	3,000
Insurance & Bond	5,647	8,500	6,692	7,500	7,500
Legal Fees	57,522	68,000	43,882	54,000	65,000
Membership Promotion	12,638	17,000	11,123	12,000	17,000
Miscellaneous	2,737	3,000	2,845	3,000	3,000
Office Expense	13,784	13,000	12,814	13,500	15,000
Office Supplies	21,533	23,500	17,543	19,500	24,000
Postage & Express	22,711	24,000	20,579	23,500	24,000
Public Relations	24,792	17,000	15,688	20,000	22,000
Public Relations Centennial	—	20,000	22,028	24,000	35,000
Rent	36,323	37,500	30,058	37,000	37,500
Retirement Plan	26,581	33,000	23,633	33,000	33,000
Salaries	358,492	350,000	292,588	350,000	375,000
Special Service & Members	19,575	21,500	30,684	37,000	25,000
Taxes	11,393	10,000	10,012	11,500	11,500
Technical Expense	16,408	18,000	16,992	17,000	17,000
Telephone & Telegraph	21,006	20,000	17,230	20,000	20,000
Travel	53,140	60,000	31,506	40,000	40,000
Contingencies	31,057	18,000	11,518	12,000	10,000
	\$ 869,078	\$ 929,000	\$ 774,874	\$ 936,550	\$ 997,000

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SPI-25720

Mr. Babcock continued with his report relative to the PROPOSED BUDGET FOR FISCAL 1968-1969, as follows:

"You also received a complete breakdown of The Society's proposed budget for the fiscal period 1968-1969 with your Agenda. In your Directors folder is an analysis of the expenses: actual 1966-1967; ten-month period 1967-1968; the approved budget for the same period; the projected expenses for fiscal 1967-1968; and, the proposed budget 1968-1969. We anticipate dues income of \$947,000.00 and interest income of \$50,000.00 for the coming fiscal year, and the budget is set up based on static income of \$997,000.00. Some categories have been increased and some categories have been decreased, each on the basis of past performance and experience, using staff objectives for 1968-1969.

"If we continue at our present expenditure rate, we should close the year May 31, 1968 with an excess of income of approximately \$50,000.00 to \$60,000.00. "

Mr. Harding commented that "the three largest increase areas are (1) Chapter Operating, (2) Public Relations Expenses, and (3) Salary. The area of Salary includes the provision of hiring a Safety Engineer, and some room for merit increases for the staff. There are no major shifts in the budget."

Mr. Singleton reaffirmed that "we feel each Division should stand on its own footing and keep their operations on at least a break-even basis. We are departing a bit from past practices, but we feel a profit from an operating division event ought to return to that division's general fund. Also, we believe we should occasionally help projects which are of general benefit to the entire national membership of SPI, preferably by expensing such contributions from operating surplus." Mr. Singleton commented further that the current merger trend is hurting all trade associations, causing reductions in both memberships and dues income as companies are absorbed into other corporations.

In reply to Mr. Prendergast's question as to whether any of SPI's Divisions had actually been able to "bail itself out of a deficit," Mr. Singleton stated "Yes, and we are proud of the way they have been able to do so. You will note a matter of this kind in today's Board reports."

Mr. Harding continued that "this is all the more reason to allow the Divisions to profit from any proceeds, to be financially on their own rather than relying upon SPI to help them out of a deficit. This will cause more initiative in the Divisions."

Mr. Michel asked if SPI actually supports some of the Divisions, and if so, why? Mr. Harding answered that this is quite correct and thus our aim to have the Divisions stand on their own.

Mr. Singleton pointed out that all of the Divisions lean on SPI to some extent, i.e., mailings, legal advice, related travel, etc.

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May 15-17, 1968

Mr. Hutchings commented that while the Proposed Budget's profit is 5% more, the travel expenses are reduced. Mr. Singleton explained that this is mainly due to the past year being a year of transition with two key executives.

There being no further comments or questions, Mr. Jenkins moved to accept the Treasurer's Report. Mr. Hutchings seconded, and the Directors unanimously agreed.

SPI-25722

PROPOSED BUDGET - JUNE 1, 1968 TO MAY 31, 1969

ADMINISTRATIVE

Board of Directors' meetings, staff expense in establishing new activities, expenses in Washington, Officers' meetings, entertainment. \$ 9,000.00

BULLETINS

All expenses incurred in preparing, printing and mailing general bulletins sent to all members as well as bulletins prepared and circulated on special subjects for committees and divisions. 20,000.00

CHAPTER OPERATING

Rent, telephone, stationery, salaries - in fact all expenses incurred in operating the Western Section and the Canadian office; some charges for the New England Section. 100,000.00

CODE ADVISORY

Retainer fees paid to the code specialists who serve the Building Code Group. 20,000.00

COMMITTEE AND DIVISION

Charges for meeting rooms, production of material related to special projects, mechanical costs and surveys, printing of literature, staff expenses directly related to Committee and Division activities. 35,000.00

DIRECTORY

The Directory is published every other year. The cost of the Directory is distributed over a two-year period in the budget. 13,000.00

DUES AND SUBSCRIPTIONS

The Society maintains memberships in a number of organizations including the American Standards Association, the American Society for Testing Materials, American Water Works Association, Building Officials Conference of America, Dun & Bradstreet, Eastern Industrial Traffic League, International Conference of Building Officials, National Better Business Bureau, National Fire Protection Association, National Industrial Traffic League, Research Institute of America, Southern Building Code Congress, Trade Relations Council, Western Plumbing Officials Association, Inc. In addition the memberships maintained in clubs by members of the staff are assigned to this account. All magazine subscriptions are charged here also.

\$ 6,500.00

ELECTRICITY

Self-Explanatory

2,500.00

EXECUTIVE GROUP INSURANCE

SPI employees are included in the Executive Group plan the Society has in operation for the members of the association.

3,500.00

FURNITURE & FIXTURES

Self-Explanatory

3,000.00

INDUSTRIAL RELATIONS

Retainer fee paid Benjamin Werne who specializes in labor law practice. Mr. Werne is the author of the Industrial Relations bulletins the Society sends its members.

3,000.00

INSURANCE AND BOND

Covers the cost of the following insurance:

1. Workmen's Compensation Insurance
2. Floater Policy covering equipment
3. Automobile Policy - Bodily Injury and
Property Damage
Non-owned Vehicles
Comprehensive Fire & Theft
Collision

May 15-17, 1968

INSURANCE AND BOND (continued)

4. Blanket Position Bond
 5. Comprehensive General Liability
 6. Fire, extended coverage with special office contents form
 7. Fire, extended coverage and vandalism and malicious mischief, office contents - Canada and California
 8. Fire, extended coverage and vandalism and malicious mischief, contents in storage
 9. Blue Cross-Blue Shield (Major Medical included)
 10. Salary Continuation
- \$ 7,500.00

LEGAL SERVICE

- The Society maintains regular legal counsel and frequently is required to retain special counsel to deal with specific problems. Charges for such legal service are assigned to this account.
- 65,000.00

MEMBERSHIP PROMOTION

- The production of mailing pieces relating to membership solicitation. The Annual Report is used as a membership solicitation item. Half of its cost is charged to this account.
- 17,000.00

MISCELLANEOUS EXPENSE

- From time to time the need arises to obtain special reports on companies and/or individuals, or to undertake some activity not covered elsewhere in the budget.
- 3,000.00

OFFICE EXPENSE

- Fees paid to the Society's auditors, reimbursement of employment agency fees, maintenance of machines and equipment, special cleaning supplies, etc.
- 15,000.00

OFFICE SUPPLIES

- Cost of all stationery and printing used by the association.
- 24,000.00

POSTAGE AND EXPRESS

- Self-Explanatory
- 24,000.00

SPI-25725

PUBLIC RELATIONS

All expenses incurred by the Society's Public Relations Department are charged directly to public relations, i.e. production and mailing press releases, clipping service, film exchange charges.

\$ 22,000.00

PUBLIC RELATIONS CENTENNIAL

All expenses incurred relating to the plastics Centennial year - Plastics 100

35,000.00

FIAT

Self-Explanatory

37,500.00

RETIREMENT PLAN

Self-Explanatory

33,000.00

SALARIES

Self-Explanatory

375,000.00

SPECIAL SERVICES TO MEMBERS

Cost of producing Labor Surveys, Salary Surveys, Financial and Operating Ratio report; production and mailing of all of the above; including outside consultants. Books, etc. purchased for new company members.

25,000.00

TAXES

All payroll taxes

11,500.00

TECHNICAL EXPENSE

A major portion of this expense is for the Society's ISO/TC commitment.

17,000.00

TELEPHONE & TELEGRAPH

Self-Explanatory

20,000.00

TRAVEL

Self-Explanatory

SPI-25726

40,000.00

CONTINGENCIES

This item covers emergency type expenses.

10,000.00

TOTAL.....\$997,000.00

REVISED MANAGEMENT REPORTS
and
NEW ACCOUNTING PROCEDURES

In introducing Mr. Donald J. Pellicano, SPI's Office Manager, Mr. Harding stated "we have been working in the staff on the idea of 'objectives' and putting the staff in a position of budgeting their own expenses and developing their own controls. This new budget represents a substantial change for us. In times past, all of our expenses have been kept by categories and, as you will see, we are making a basic shift here. Our new system will enable us to isolate many items of information which has been impossible in the past. Ultimately, each staff man will be in the position where he has a considerable amount of responsibility and, once the budget has been approved, he will have the authority to operate within his assigned area. To do this, we need good financial information and on this basis, Don and the auditors have arrived at this new system."

Mr. Pellicano then reported: "First, I am pleased to be here, and I will do my best not to burden you with a lengthy report. We have spent many hours of discussion and evaluation with the Management Services team of Arthur Young, and now have come to some formidable conclusions for our Revised Management Reports and New Accounting Procedures.

Suggested Procedures
And Objectives

1. INVOLVE Managers and Staff in planning their future objectives for the industry and SPI
 - a) Purpose
 - b) Timing
 - c) Expense
2. GOAL - To revise accounting structures to provide data for efficient financial reporting.

"The suggested procedures and objectives will now involve the Society's managers and staff in planning their future objectives for not only the industry, but also for the Society, keeping in mind the purpose of their expenditures, the timing of their expenditures and, lastly, the expenditure itself.

"In this way, Management would have available pertinent information so as to set up future budgets, evaluate commitments, and be in a better position to be able to invest cash on hand.

"The goals for revising the accounting structure were to provide Management with data for future efficient financial reporting: (1) by way of individual responsibility, (2) specific activity in question, and finally, (3) the analysis information."

"Our old accounting system gave the Society's directors a clear and concise balance sheet and profit and loss statement (if we can call it a profit and loss statement), however, the analysis aspect was cumbersome. Our old setup appeared somewhat like this is our voucher register:

Accounting Reports and Systems

To set up a coding system (numerical) to enable management to have available information relating to objectives and budgets.

	1	2	3	4	5	6	7	8	9	10	11	12	13	→
OLD Coding System														

"We had what is classified as a spread sheet of almost 14 columns.

"The new setup utilizes and has combined two sets of books into one, the voucher register and the cash disbursement register:

	1	2	3
NEW Coding System	88	571	691
Example: Chapter Operating Western 88 - Man 571 - Account Classification - Chapter Operating Western 691 - Analysis - Rent			

"However, we now have instead of an elongated sheet, a computer-type card. The card has three categories. The first is for the staff men. The second for the expense account (General Ledger); and the third is the analysis. Example: we received an invoice from the California office for rent. Heretofore, all we knew was that we had an invoice for rent. If management or the directors asked what we spent in California, or any place for that matter, we would have to analyze the entire account month-by-month. The new system by way of numerical coding places us in a position to each month arrive at figures applicable to every expense category on the proposed budget.

NEW VOUCHER SYSTEM

Voucher/Cash Distribution Journal																								
Check Data		Account Analysis Data																						
<table><tr><td>Advice:</td><td>Check</td></tr><tr><td>:</td><td></td></tr><tr><td>:</td><td></td></tr><tr><td>:</td><td></td></tr><tr><td>:</td><td></td></tr></table>		Advice:	Check	:		:		:		:		<table><tr><th colspan="3">Distribution Card</th></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>	Distribution Card											
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- Advantages:
- 1) Savings in clerical time
 - 2) Unlimited and analytical capacity
 - 3) Simplified procedures (combined two journals)
 - 4) Eliminates need to set up separate sets of books

"With the combination of the voucher register and cash distribution journal, two separate functions that were previously done are now combined in one. The advantages to this setup are savings in --

- 1) clerical time
- 2) unlimited and analytical capacity
- 3) simplified procedures
- 4) eliminate the need for separate sets of books

"Gentlemen, I personally am pleased with the new suggested system. For every cause there must be an effect, and for every new procedure there must be results. We do not anticipate results immediately. Arthur Young has informed us that before we can see results it will take at least one year to 18 months. I hope that we can do it in six months. We must crawl before we can walk.

"Looking at it from a long-range point of view, there are four very important results:

RESULTS

1. Effective management control of finances.
2. Each staff man becomes involved with the Society's financial planning.
3. Although we are only utilizing three numerical coding designations initially, this system can be geared and changed to four, five or even six sets of numbers.
4. The entire system can be set up on a computer. "

Mr. Harding commented that some Directors might be asking themselves why we are not going on a computer at this time and that we do not have the volume at this time to justify this. However, we are heading toward a computerized system in the future. He further stated that with this new system "for the first time we will begin to have knowledge and, therefore, control of the costs of SPI."

Mr. Singleton added that "for everyone, he would like to pay tribute to the work that has gone into this program. Both SPI and the plastics industry are getting bigger and facing new problems and the new system will make definite progress." He added the Director's appreciation to Mr. Pellicano for the loyal and enthusiastic work he has put into the new procedures. "We do feel by looking at the Divisional expenditures we will have a tighter and better control and we can make a reality out of the statement that each Division should stand on its own footing."

FINANCIAL AFFILIATIONS

Board of Directors' Meeting
The Homestead
Hot Springs, Virginia
May 15, 16, 17, 1968

ELECTION TO MEMBERSHIP: CONTINUING

Andersen Corporation Bayport, Minnesota	(J. O. Kohl)	Extruder
Barclite Corp. of America Lodi, New Jersey	(J. R. Raye)	Reinforced
Baumbach Engineering Co. Mountain View, California	(D. W. Baumbach)	Molder
Harvey P. Bertren Co. Cincinnati, Ohio	(W. Christen Smith)	Fabricator
Beta Plastics Ltd. Edmonton, Alberta, Canada	(A. J. Westdorp)	Extruder
Bing Surfboards Hermosa Beach, California	(B. Copeland)	Laminator
Cal-Mold Inc. Pomona, California	(E. Fleming)	Molder
Cardinal Corporation, The Wilmington, Delaware	(J. B. Smith)	Machinery
Compro Corp. Pawtucket, Rhode Island	(A. Blackman)	Fabricator
Crane Company Chicago, Illinois	(R. S. Giles)	Reinforced
Cultique Marble Prod. Ltd. Rexdale, Canada	(K. R. Lambe)	Laminator
Dalkay Plastics Corp. Sub. Virco Mfg. Corp. Inglewood, California	(A. N. Sennelroth)	Molder
Engineering Tech. Inc. Salt Lake City, Utah	(F. M. Warlick)	Machinery
Flexipac Inc. Santa Ana, California	(C. K. Pasterian, Jr.)	Film & Sheetting

ELECTION TO MEMBERSHIP: COMPANIES (Continued)

Filt-Aire Corp. Hollister, California	(Wm. C. Holmes)	Reinforced
General Motors of Canada Ltd. Oshawa, Ontario, Canada	(G. E. Lispins)	Molder
IMCOO Plastic Machinery Ltd. Montreal, Canada	(W. Ben Evans)	Machinery
Industrial Specialties Van Nuys, California	(G. S. Frank)	Molder
Logan-Long Company, The Chicago, Illinois	(A. J. Carmen)	Extruder
Medical Plastics, Inc. Burbank, California	(C. Wally Wallace)	Molder
New England Plastics Corp. Woburn, Massachusetts	(W. L. Kearin)	Reinstatement
Mitsubishi Heavy Ind., Ltd. Tokyo, Japan	(S. Ono)	Machinery
Parsons Mfg. Corp. Menlo Park, California	(A. R. Parsons)	Cellular
Plastic Molding Co., Inc. Compton, California	(W. C. Jamison)	Molder
Poly-Flax Films, Inc. Santa Ana, California	(R. D. Kolasinski)	Extruder
Projection Products Inc. Newton, North Carolina	(C. R. Coley)	Molder
Pyramid International, Inc. Bavenna, Ohio	(R. O. McSherry)	Molder
Shawnee Plastics Nashville, Tennessee	(J. W. Macey)	Molder
Springfield Cast Products, Inc. Springfield, Massachusetts	(G. C. F. Carlson)	Machinery
Spiers Plastic Products Sarnia, Ontario, Canada	(I. R. Anderson)	Reinforced
Symons, H. B., Associates, Inc. Tiverton, Rhode Island	(H. B. Symons)	Machinery

ELECTION TO MEMBERSHIP: COMPANIES (Continued)

Transport Equipment Inc. Montreal, Quebec, Canada	(T. Ivey)	Reinforced
Ulysses Irrigation Pipe Co., Inc. Ulysses, Kansas	(P. H. Applig)	Extruder
Unex Laboratories Methorne, Massachusetts	(H. P. Nichols)	Molder
USI - Clearing Chicago, Illinois	(H. Carlisle)	Machinery

ELECTION TO MEMBERSHIP: INDIVIDUALS

Sidney J. Baum	Baum Chemical Corporation
Steve Baum, Jr.	NIBCO Inc.
Peter R. Boon	Midland Industries Limited
Burl Boss	NIBCO Inc.
Raymond R. Bottelman	TUPCO
Abraham Brook	Wonder Container Corporation
J. F. Brydon	Canadian Pittsburgh Industries Ltd.
Juel D. Clevenger	Baklan Plastics, Div. Cook Chemical Co.
Gene Carney	Richhold Chemicals, Inc.
D. D. Dickinson	Rysol of California Division,
	The Dexter Corporation
R. J. Duholke	Park-Hannesson Ltd.
Yohai Fujisaki	Dainippon Plastics Co., Ltd.
James J. Fallon	Engelhard Minerals & Chemicals Corp.
David C. Fondots	Houdry Process & Chemical Co.
William A. Jarvey	Ashland Chemical Company
D. A. C. Jowett	Marbon Chemical Division
Walter E. Korber	Avecor, Inc.
J. Lapaley	Dow Chemical of Canada Limited
James D. Lightbody	Lester Engineering Co.
Robert G. Myer, Jr.	Rohm and Haas Company
Charles M. Newton	Birmingham Plastics, Inc.
Richard G. Palm	Birmingham Plastics, Inc.
D. R. Papall	Smith and Stone Limited
William E. Sholl	Hooker Chemical Corp., Ruco Div.
Murray L. Slote	Canadian Industries Limited
W. M. Story, Jr.	Marbon Chemical Division
Les Stukalooff	Amerace Corp., Caco Pacific Div.
Fred C. Sutro, Jr.	USS Chemicals, Div. U.S. Steel Corp.

ELECTION TO MEMBERSHIP: PROFESSIONALS

Cleveland E. Dodge, Sr.	Hoosick Falls, New York
Raymond A. Mazur	Port Washington, New York
Alfred Schechter	Scarsdale, New York

SUPPLEMENTAL AGENDA

NEW MEMBERS: COMPANIES

R. D. Johnson Technical Services Ltd. Streetsville, Ontario, Canada	(R. D. Johnson)	Research and Educational
Tywood (1968) Ltd. Weston, Ontario, Canada	(B. Tyson)	Reinstatement
Venetian Marble Co. Hamilton, Ontario, Canada	(D. C. Heaslip)	Molders

Mr. Prendergast moved to accept the foregoing into membership. This was seconded by Mr. Shaw and approved unanimously.

DESIGNATIONS AND CONSOLIDATIONS: COMPANY

American Reinforced Plastics Co.*
Los Angeles, Calif.

Canadian Ingersoll-Rand Co. Ltd.*
Montreal, Canada

Canadian Pittsburgh Industries Ltd.*
Toronto, Canada

Clad-Rex Division
Delta Chicago, Inc.
Franklin Park, Illinois

Collins Radio Co.
Cedar Rapids, Iowa

Corning Packaging Co.
Corning, New York

Crator Manufacturing Co.
Tionesta, Pa.

Delaware & Williams Co. Ltd.
Toronto, Canada

Dixson, Inc.
Leominster, Mass.

Fasco-Fiber
American Air Filter
Louisville, Kentucky

General American Transportation Corp.*
Chicago, Illinois

Harcort Manufacturing Co.*
Ravenna, Ohio

Inland Container Corp.
Indianapolis, Indiana

Macoid Industries, Inc.
Detroit, Michigan

Merck & Co., Inc.
Rahway, New Jersey

Mount Vernon Plastic Pipe, Inc.
Mount Vernon, Texas

REASONS FOR DESIGNATIONS

Part of Pyramex Plastics

Now IMPCO Ltd.

Part of Fiberglass Canada

Unable to participate.

Associate

Management decision.

Part of Pyramid International

Economy

Management decision.

Management decision.

Now part of USS Chemicals

Part of Pyramid International

Associate

No reason.

Shift in programs.

No longer making pipe.

RESIGNATIONS AND CONSOLIDATIONS*: COMPANY

Hanco-Brier Ltd.
Full, Canada

Mopco Chemical Co.*
North Arlington, New Jersey

North American Plastics Inc.*
Midvale, Utah

Spartek, Inc.
Sparta, Wisconsin

Strata-Foam Mfg. Corp.
Akron, Ohio

Texaco Experiment Inc.
Richmond, Virginia

Thickol Chemical Corp.
Trenton, New Jersey

Vypak Corp.*
Rockaway, New Jersey

Wheeling Stamping Co.
Wheeling, West Virginia

Ware Chemical of Canada Ltd.
Toronto, Canada

REASONS FOR RESIGNATIONS

No reason.

Part of Diamond Shamrock

Part of Fibre-Tek

Economy

Management decision.

No longer in plastics.

Management decision.

Part of Ethyl

Management decision.

No reason.

COMPANIES DROPPED: DELINQUENT DUES

Anglo American Mold & Engineering, Inc.
Shin-Etsu Polymer Co., Ltd.

Santa Ana, California
Tokyo, Japan

REIGNATIONS: INDIVIDUALS - REASONS INDICATED

H. D. Allick, Goodyear Tire & Rubber Co.
Lawrence Barr, Calamase Plastics Co.
G. R. Bide, Garvere Plastics Pte. Ltd.
Ross L. Beall, Southeastern Ind. Molding Co.
Ivan E. Becker, Extrude Film Corp.
Leon Bleich, M&T Chemicals, Inc.
E. A. Blomquist, Moudry Process & Chemical Co.
James R. Brook, Marblette Corp.
William P. Christopher, Mooker Chemical Corp.
H. Jack Clark, Apache Foam Products

John W. Cowden, Gulf Oil Corp.
Claude R. Cutlip, Allied Chemical Corp.
M. J. DeFrance, Goodyear Tire & Rubber Co.
Mary G. Denny, Whitlock Associates, Inc.
B. K. Denton, Monsanto Co.
Jesse Finley, Ruth-Berry Pump Co.
J. F. Fitzgibbon, Enjay Chemical Co.
Robert R. Frits, Enjay Chemical Co.
Ralph D. Gibson, Gibson & Co.
George Mackin, General Tire & Rubber Co.
D. S. Harr, Shell Chemical Co.
Rudolf F. Lang, Cyanamid International Co.
J. R. Hoover
C. M. Hudson, Goulding Manufacturing Co.
William L. Kally
Irving S. Larmer
H. D. McLaughlin, Delamy & Pettit Ind. Ltd.
J. W. Nagel, Union Carbide Corp.
Howard L. Pilat, Calamase Corp. of America
Robert H. Pressall, Lester Engineering Co.
J. Redman, Hysol Corp.
R. G. Robinson, Delamy & Pettit Ind. Ltd.
Roger B. Rice, Rexall Chemical Co.
Alfred Schechter, Phillips Petroleum Co.
Howard O. Scholl, American Air Filter Co.
Allan B. Shore, Constellation-Hygeia
P. W. Simmons, Dow Chemical Co.
Chapin W. Smith, Union Carbide Corp.
Joseph A. Thierry, Pacific Western Extruded
Dennis D. Thomson, Seals Container Corp.
E. C. Van Buakirk, Uniroyal, Inc.
M. Charles Williams, Bud-Wil, Inc.
Charles Schiff, Breyer Molding Co.
G. Parry Wiess, Garlock, Inc.
Rolan B. Sommer, American Cyanamid Co.

No reason.
No longer with company.
Company resigned.
No longer with company.
No longer with company.
No longer with company.
Now voting representative.
No longer with company.
Now voting representative.
Member firm sold to
Non-member.
Advised by superiors.
Not in budget.
No reason.
No longer with company.
Change in job status.
Company resigned.
No longer with company.
No longer with company.
No longer with company.
Now voting representative.
Retired.
No longer with company.
Retired.
Retired.
Deceased.
Retired.
No longer with company.
Change in assignment.
No reason.
Now voting representative.
Needs served by company.
No longer with company.
No longer with company.
Now professional member.
Company resigned.
No longer with company.
Not active in plastics.
No reason.
No longer with company
Now voting representative.
Position change.
Now voting representative.
Now voting representative.
Needs served by company.
No reason.

INDIVIDUAL DROUGHT - DELINQUENT DUES

Louis R. Rapp, Aerojet-General Corporation

RESIGNATION: PROFESSIONAL

Mitchell A. Kapland, Annapolis, Maryland

FINANCIAL RESULTS IN MEMBERSHIP CHANGES

		<u>Current Period</u>		<u>Year to Date</u>
<u>New Members</u>				
Companies	(35)	\$10,070.00	(168)	\$59,260.00
Individuals	(28)	700.00	(152)	3,800.00
Professionals	(3)	<u>225.00</u>	(4)	<u>300.00</u>
		\$10,995.00		\$73,360.00
<u>Resignations and Consolidations</u>				
Companies	(28)	\$14,855.00*	(127)	\$55,730.00
Individuals	(46)	1,150.00	(208)	5,200.00
Professionals	(1)	<u>75.00</u>	(4)	<u>300.00</u>
		\$16,080.00		\$61,230.00
NET GAIN/LOSS		(\$5,085.00)		\$12,130.00

*Does not take into account mergers and consolidations. In most instances mergers have resulted in dues increases for company that purchases another company.

It was noted that the majority of resignations are the result of mergers into another company which is currently a SPI member. Mr. Hutchings moved to accept with regret these resignations. Mr. Jones seconded and the motion was passed.

Mr. Singleton stated that if anyone could help in reinstating any of these resignations, we would welcome such assistance.

(The three companies listed on the Supplemental Agenda were accepted with the major listing; however no reflection is made on the above Financial Results.)

(a) CONSTRUCTION

PLASTICS IN CONSTRUCTION COUNCIL: Mr. Keith W. Harrison, Chairman, reported:

"INTRODUCTION

"As we indicated in our last report to the Board in February, we see a shift of emphasis in PIOC effort from research to code advisory work. This is continuing to take place as you will see from the following report. We also will be concerned with the IIRRI research project as I think you will be interested in some of our very preliminary, tentative conclusions.

"CODE ADVISORY GROUP

"Historically, in code work, the SPI supplied a meeting place and performed a recording function for a single code advisory committee which met an average of three times a year. The SPI also provided for the services of two part-time consultants.

"Today, in 1968, the SPI is being called upon to do much more. First of all, more codes are being revised and updated than ever before, and the plastics industry must make its recommendations known to these many groups. For example, at this moment, the plastics industry is involved in these code writing considerations:

San Francisco (new code)
New York City (new code)
Experimental Prototype Community of Tomorrow by
Walt E. Disney Enterprises in Florida (new code)
One- and two-family dwelling code (new code)
Chicago (amendments)
Los Angeles (amendments)
BOCA (revised Chapter 20)
American Insurance Association (revisions)

"Secondly, as the new uses for plastics in construction become more significant, the manufacturing companies concerned with them are becoming more active in developing their recommendations for proper and safe usage. Today there are more plastic companies attending more frequent code meetings than ever before. We now have three active code committees and a fourth is being considered.

"Thirdly, after three years of investment, the industry is at the pay-off stage on the Illinois Tech. research program. Converting the research data to code recommendations will take a great deal of time. The effective dissemination of the data will be time-consuming if done to maximum advantage.

"Finally, even with the increased activity outlined, the plastics industry is not really competitive with other trade associations when one considers our future growth potential in construction. The American Iron & Steel Institute, the National Forest Products Association, the Gypsum Association,

and the American Plywood Association, to mention only a few, all maintain a large field and headquarters staff for this activity alone. It is important to recognize this increased activity with the staff support required to adequately manage it.

"Specifically, our effort to relieve the pressure in Chicago concerning the use of thermal plastic insulation continues with the preparation of necessary groundwork, preliminary contacts and documentation for presentation to the city. We are also considering a few tests at IITRI to attempt to prove the limited hazard in the use of this material when installed as recommended by the manufacturer. The Exterior Wall Panels, Assemblies & Insulation Committee and its Chicago Task Force are responsible for this activity.

"Our staff, with the aid of an industry task force, is actively working on the Walt E. Disney code writing project. Two meetings have been held with the W.E.D. group, the last of which provided them with a method of using reinforced plastic, insulated, modular construction units, utilizing the concepts developed originally by the aerospace industry in their filament wound missiles. The concept is extremely interesting to them because of the low weight to strength ratio inherent with the system. Production cost figures are not prohibitive, and the decision of the plastics industry to become involved in this huge undertaking will ultimately determine whether we move forward in this 'natural' market for more plastics in construction.

"The Light Transmitting Committee has begun to develop the industry position for resubmission to BOCA, as well as revised recommendations for the San Francisco Building Code.

"The Interior Trim & Finish Committee hopes to be able to incorporate revised flame spread and smoke development numbers into their typical model codes as soon as the Research Committee authorizes this data to be promulgated.

" EDUCATION COMMITTEE

"We are proceeding with the final selection of a publisher for the Architects' Manual. Currently our discussions are with McGraw-Hill, who we have reason to believe will publish this book on a self-liquidating basis with no contributory support required from the PIOC.

" RESEARCH COMMITTEE (Harrison for Dr. R. B. Akin, Chairman, Research Committee, PIOC)

"Code men have been apprehensive that plastics, as new materials with long names, are more of a fire hazard than wood and cellulose materials -- which have been accepted in codes.

"The IITRI project was requested by code authorities to find what incremental hazard - beyond that of furnishings - was attributable to various interior finish ratings; perforce this meant testing a spectrum of ratings by the UL tunnel, the only criterion for interior finish in codes.

"To avoid problems of distortion and sagging of thermoplastics, our project started tests with wood, hardboard and thermosetting laminates. The work is on schedule, and will soon tackle thermoplastics. We have not learned anything adverse to the present recommendations of the SPI Model Code and marketing plans of individual companies.

"We have found that these are critical to quantitative measurement of spread of fire and amount of smoke:

Location of material
Amount of material
Intensity of fire of furnishings
Amount of ventilation

"Although we have not yet been able to assign quantitative or numerical values to these factors, we have some general indications of the results of the tests. For example:

As to location - fires with specimens mounted on ceiling do provide more smoke than the same amount of material on wall. This supports our thesis that tests of panelling as the ceiling of UL tunnel are unduly severe for materials generally used on walls.

Also, as to area - this appears to be a factor which can be increased to accommodate most light transmitting and most wainscot uses without unduly increasing the hazard attributed to the smoke of the furnishings.

Another indication we have is that, until tunnel flame spreads exceed about 120, the amount of finish material involved in the fire per unit time does not increase rapidly.

"We feel this is just the beginning of the process of distilling conclusions from the vast amount of data already collected at IITRI. Of course, more data is forthcoming as the tests proceed and this will assist us in deriving meaningful conclusions from this program. We believe these will be beneficial to us in increasing our effectiveness in marketing plastic building materials.

"FINANCE COMMITTEE

"As we indicated at the February Board of Directors' meeting, we have been studying the fiscal aspects of our programs. Our review indicates that the PICC member companies have been very loyal in supporting all of our programs, including the research project at IITRI

"The program at IITRI is one of the most far-reaching programs ever undertaken by the plastics industry, and its results, and our handling of them, will affect all plastics business in the years ahead. The industry's public posture of responsibility will be greatly enhanced by the successful completion of this project; but, to accomplish this, we need the assistance of the general membership.

"By the end of this month, its original sponsors will have invested over \$222,000 in direct contract with IITRI. We will require an additional \$30,000 to carry through work in fiscal 1968-1969.

"Of equal significance, but not nearly as dramatic, is the increasing code work load. As indicated earlier in this report, support for this activity has been provided by general SPI membership. With the heavier, broader code demands and commitments, we recommend that the SPI plan to provide more support for this important function. Our additional needs in fiscal 1968-1969 are projected to be \$30,000. We ask that the Board assist in developing these funds.

"Thank you for your interest and continuing support. "

President Singleton thanked Mr. Harrison for his report and stated that the key phrase is "just about at the pay-off stage" in this long-term IITRI project. He further stated that the Executive Committee had reviewed this situation and believe that completion of this program is of general importance and of direct value to our industry.

Mr. Harding stated that the member companies' total contributions to PICC have been over \$300,000 rather than the \$222,000 as stated above, and that the additional 10% or \$30,000 requested of the Board is a good investment for the membership at large. The whole industry will benefit from the new information.

Mr. Singleton added that "this epitomizes the answer we all must be giving as to what is the need of SPI and why it has reached the scale it has. Whenever we have these problems which face a large group of firms and where no single firm could possibly tackle the situation, the member firms of SPI working together can accomplish the job. "

The Board unanimously approved support to PICC in the amount of \$30,000 in order to complete the IITRI tests.

PLASTICS PIPE INSTITUTE: Mr. Ted M. Yeiser, President, reported:

"Two weeks after the SPI Board of Directors met last, the Plastics Pipe Institute held its Annual Meeting in Palm Springs, California. We enjoyed our largest attendance, with some 250 members, guests and wives.

"One highlight of the meeting was the election of officers for the ensuing two years and the expansion of our Executive Board to include material suppliers' representatives.

"Mr. Lewis J. Adams of Evanite was elected President, Mr. H. F. van der Voort of Carlson First Vice President and Chairman of the Budget & Audit Committee and Mr. Bryce Batzer of Plastiline, Second Vice President and Chairman of the Market Division. Mr. David Baird of Cabot was reappointed Chairman of the Technical Division.

"The Technical Division's fine productive work continues with expansion of the Technical Reports publications started last year and most significant, authorization to prepare and publish a long-needed Plastics Piping Manual. This document is expected to be completed early next year. Technical efforts have been expanded in the water, gas and petroleum areas.

"Much discussion was held in Palm Springs relative to how the Market Division could be better organized to meet the demanding needs of our industry. An enlightened marketing concept reorganization has been proposed and is being considered by the Executive Board. A more effective liaison with related industry organizations and governmental agencies has been achieved through the employment of a full-time field engineer.

POLYETHYLENE COMMITTEE ON CONSTRUCTION, INDUSTRIAL AND AGRICULTURAL APPLICATIONS: Submitted on behalf of Dr. C.F.B. Thor, Chairman, by Staff Administrator.

In his report, delivered at the last Board meeting, Dr. Thor pointed out that presently the Polyethylene Committee on Construction, Industrial and Agricultural Applications is concerned with the preparation of amendments to CS-238-61. He pointed out that a ballot of the Standing Committee for the Standard was successful but that, on the other hand, a subsequent ballot of the acceptors of the Commercial Standard CS-238-61 ran into difficulty, primarily in relation to what should be the minimum net weight declaration for any given nominal thickness of film. This, then, resulted in the Product Standard Section of the U. S. Department of Commerce withholding approval of the proposed amendment, pending a review of thickness, width, yield, and weight of polyethylene sheeting by the National Bureau of Standards.

As a result of this study at NBS on thirteen samples of commercial film, that agency came up with a recommended revision to CS-238-61 which, since the last Board meeting, has been balloted to the Standing Committee. The producers represented on the Standing Committee objected to the proposal of the NBS which prompted a special meeting held in Washington, D. C. on April 24th to which, in addition to the three producers represented on the Standing Committee, was invited Dr. Gordon M. Kline, Technical Consultant for the NBS. This special meeting on April 24 resulted in agreement, through compromise, that several changes be made in the NBS proposal. The secretary has now been asked to call a special meeting of the entire polyethylene sheeting industry to consider this new draft of a proposed amendment, which meeting will take place in Washington, D.C. on Monday, May 27th. If agreement is reached at that time on the compromise document, in all probability it will be circulated shortly thereafter to industry by the Product Standard Section with the usual ballot form.

Further, as pointed out by Dr. Thor at the last Board meeting, this Committee is still concerned with the possibility that the FRA in its "final revision" of "Test Procedure for Vapor Barrier Materials Under Slabs and For Ground Cover in Crawl Spaces" might include a second "abrasion" test which has caused the Committee considerable concern. It has been pointed out from research conducted at Forest Products Laboratory for ASTM - E-6 Subcommittee VII, that the proposed abrasion test would, in all probability, exclude most of the polyethylene film now used for vapor barrier applications. Fortunately, FRA has taken no position to date on this matter.

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

The sixth meeting of the Rigid PVC Exterior Building Products Division was held in Cleveland, Ohio on March 14, 1968. Appreciable progress is being made by producers and interested raw material suppliers in drafting a proposed Product Standard for Rigid Polyvinyl Chloride (PVC) Extruded Siding and Accessories. Presently, the two principal technical subjects yet to be resolved deal with "oil canning" and an appropriate impact test. The proposed procedure for measuring "oil canning" determines whether the product, as it comes off the extruder, does not have permanent bulges, waves or ripples, i.e., a properly processed product free of permanent "oil-cans." Between now and the next meeting, the Committee is conducting a round-robin program in order to determine whether the "oil-canning" procedure, as now written, assures reproducibility between laboratories. The problem of impact is one of the more major technical hurdles yet to be resolved in that there is disagreement as to which of two impact-resistant tests is the more appropriate laboratory-type impact test that is reasonably interpretative to the type of impact to which the siding and accessories are subjected in actual installation, i. e., hail stones, rocks, etc. There are really two philosophies of approach to referencing a meaningful impact test. Hopefully through compromise, this impact problem will be resolved at the next meeting of the Division, to be held in New York City on May 23rd. But for the two problems yet to be resolved ("oil canning" and impact), the proposed Product Standard is considered in excellent form to turn over to the Product Standard Section of the U.S. Department of Commerce for possible promulgation according to that agency's format.

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

This Division is participating in the annual SPI Conference being held in Chicago, November 13, 14 and 15, by its sponsorship of a morning session. The theme of the meeting will be "Structural Plastics In Pollution Control." Speakers from government and industry will discuss the advantages of structural plastic products to reduce both air and water pollution.

The next meeting of the Division will be held in New York City June 20, 1968. Further consideration will be given to the preparation of a manual on polyolefins in structural plastics.

(b) PACKAGING AND MATERIALS HANDLING

BEVERAGE CASE MANUFACTURERS DIVISION: Submitted on behalf of Marvin S. Levine, Chairman, by staff administrator.

This division has completed the printing and distribution of "Recommended Washer Criteria" folders to some 4,000 bottlers from coast to coast. Additional copies are being distributed directly by the sponsoring beverage case and carton manufacturers and manufacturers of washer equipment.

The division plans to meet in June to work further on the development of a standard presentation that can be given before state and local bottler groups, pointing out the advantages of plastics to them and their supermarket customers.

We are also working with the National Bureau of Standards in the promulgation of our proposed product standard.

We are also continuing to explore ways of expanding our program to include plastic milk and dairy case manufacturers.

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

The next Division meeting is scheduled for late May 1968 in Chicago. A milestone for this new Division was the completion of the Foam Cup and Container Statistical Program, for the full year, sponsored by SPI. The report has been simplified and practically all members now furnish data. The Division is planning to work with the National Bureau of Standards in preparing a Commercial Standard for Foam Cups. Work is going forward on a proposed industry-wide advertising and promotional program. Progress is being made in gaining new members.

FOOD, DRUG AND COSMETIC PACKAGING MATERIALS COMMITTEE: Chairman
George W. Ingle reported as follows:

"Since our report to the February Board meeting at Hollywood Beach, our Committee held its annual meeting last April 17 in New York City. The following are highlights of this meeting.

1. Unanimous approval was given to revising the name so that it is now the 'Food, Drug and Cosmetic Packaging Materials Committee'. This increase in scope reflects the very real expansion of interests -- legal, technical and marketing -- in this important segment of the total packaging field.
2. Aside from the present group of Congressional Bills concerned with medical devices (which, incidentally, include plastics components and which were described in our February Report to the Board of Directors) our Committee was alerted to the existence of House Bill 14816. This would give the Department of Labor authority to set standards for occupational hygiene in plants using materials or producing products in interstate commerce. While some industry groups have opposed the manner of implementing the objectives of this Bill, it is clearly difficult to oppose occupational hygiene itself. Regardless, the effects of this Bill, if it becomes law, will be felt more by smaller firms such as the many in the plastics industry which lack the occupational hygiene facilities commonly found in the larger organizations. We are aware, for example, of four inspections by State Departments of occupational hygiene of plants engaged in the manufacture of PVC. At least one of these is known to have been stimulated by the recent article in the Journal of Industrial Hygiene dealing with such a problem by Goodrich Company's manufacture of PVC. Other such inspections at the State level appear to have been stimulated by debate over the proposed Federal Law.
3. In the February meeting, we reported on our active role in the National Conference on Indirect Additives called by FDA last February. Nothing concrete has resulted from this conference but it does appear that FDA will agree to some form of industry-government advisory panel to develop improved approaches to regulating the safety of food packaging materials. We hear that FDA may be modifying its position on certain factors such as what constitutes zero migration for ingredients of food packaging materials and the concern for materials in 'repeated use' contact with foods.
4. At the February meeting I reported on the activities of the U.S.A. Standards Institute Committee Z-79 concerned with creating standards for 'medical grade PVC tubing'. This activity has made unusual progress. The scope has been enlarged to include 'plastics' in contact with 'tissue'. In addition, test methods already defined by the U.S. Pharmacopoeia will be simply adopted as the USASI format. Thus, all that remains is that of editing a useful standard to guide manufacturers of plastic products for the growing hospital supply market.

5. Several members of our Committee have received, through their companies' representatives in England, copies of the proposals of the 'British Food Additives and Contaminants Committee'. This Committee is proposing language for an expected British Law simulating our Food Additives Amendment to the Federal Food, Drug and Cosmetic Act. A subcommittee of our Committee was formed on April 17 and in a productive session on May 1 established a series of comments on the British proposal. In line with our past policy, these comments will be transmitted, not as an SPI document to the British Plastics Federation, but rather as comments supported by our individual members through their affiliate or subsidiary companies in England. This quick action was necessary to meet the May 10 deadline for receipt of such comments by the British Committee.
6. Finally, the April Meeting of our Committee elected new Officers. Thus, this is the last occasion on which I will report to the Board as the Chairman of the Food, Drug and Cosmetic Packaging Materials Committee. The opportunity of participating as a member of this Board has been to me most instructive and satisfying. I am sure the new Chairman of our Committee, Mr. Robert M. Miller of Hercules, will find association with you to be equally valuable. I am sure also that you will find that Mr. Miller will provide even more productive leadership for this important Committee.

"Report by Battelle Institute on 'The Role of Plastics in Solid Waste'

"It was my privilege to speak on this subject to the April 15 meeting of SPI's New England Section at Auburn, Massachusetts. I was surprised that so many of those attending this meeting were unfamiliar with this report issued by SPI. On the other hand, I have been delighted with subsequent response to this presentation. These responses have taken the form of inquiries for further information by combustion engineers concerned with the design and operation of incinerators used to burn plastics and other solid waste materials. I am convinced that SPI will have initiated an important contribution to this major problem, if further cooperation can be developed between the plastics industry and all sectors of the materials disposal industry, particularly incineration. "

President Singleton thanked Mr. Ingle for the superior job he has done as Chairman of this Committee and expressed appreciation of the entire plastics industry for his diligent work.

Tying in with the Battelle Institute Report, Mr. Jenkins next gave the report on the Advisory Council (see page 100).

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HEAT SHRINKABLE AND WATER SOLUBLE FILMS COMMITTEE: Submitted on
behalf of Richard W. Mote, Chairman, by staff administrator.

No report. Proposed product standard is in the hands of the
National Bureau of Standards.

INDUSTRIAL CONTAINER INSTITUTE: Submitted on behalf of Barney J. Lobermann, Jr., Chairman, by staff administrator.

The Industrial Container Institute continues close liaison with both the Department of Transportation and the Bureau of Explosives - American Association of Railroads, on use of inner packs as part of combined containers used in the transportation of dangerous and flammable products.

Sometime in 1968, at the discretion of the Department of Transportation, we will hold a seminar for a number of their inspectors in Washington to fully explain the ramifications of plastic inner packs and the best means of inspecting the same.

PLASTIC BOTTLE DIVISION: Mr. Kenneth G. Michel, Chairman, reported:

"The Plastic Bottle Division held its fourth annual meeting May 1st through 3rd. A complete review of divisional activities was presented. The Division announced the completion of phase one in the development of plastic bottle neck finish specifications, and its intent to make this information available to the packaging industry.

"The Division indicated its intent to devote more of its technical committee work to the area of clear plastic bottles. Simultaneously, studies will be made at an outside laboratory to determine top load and compressive strength of palletized boxes of plastic bottles.

"Liason has been made with the Bureau of the Census to monitor the monthly reports of milk bottles shipments more closely, and our goal is to have more accurate reporting in this phase of plastic bottles shipments.

"Our Promotion Committee - using the services of Burson-Marsteller Associates - will continue to aggressively inform the packaging community and the consumer of the many advantages of our products.

"We continue to have the benefit of legal advice through our Legal Advisory Committee, and our Traffic Committee intends to register the Division's dissatisfaction with any classification or rating that discriminates against the plastic bottle in comparison to containers made with other materials.

"The Division believes that the food industry will be an excellent market for plastic bottles in the not too distant future and, while we are constantly endeavoring to increase the plastic bottle's share of the container market, we have a specific committee prepared to work on the disposability of bottles.

"Attendees at the fourth annual meeting listened to an excellent address on our country's economy by Mr. Don R. Conlan, Vice President and Chief Economist, Chemical Bank New York Trust Company.

"William Bolton, Vypak Corporation, was elected Chairman of the Plastic Bottle Division succeeding Kenneth G. Michel of Continental Can Company. Mr. Michel will represent the Division at the SPI Board of Directors Meeting.

"The following firms have completed their three-year tenure on the Division's Executive Committee: Continental Can Company, Inc.; Monsanto Company; and Union Carbide Corporation. These firms were succeeded by: B. F. Goodrich Chemical Company; Owens-Illinois, Plastic Products Division; and Sealright Company, Inc., Division of Phillips Petroleum Company "

Mr. Michal further commented that "our Division is requesting that on a basis of the Bottle Division alone, an exception to the overall SPI policy on standards be made, allowing this Division special latitude on how it chooses to publish standards and technical bulletins."

President Singleton stated that "the Executive Committee has reviewed in depth this problem of issuance of specifications and standards. To reaffirm the long-standing policy of SPI, there will be no specifications or standards issued by any Division other than standards that have been ratified, studied and approved by an impartial outside agency." This policy is due to distinct anti-trust and FTC aspects of an industry group setting its own standards. In this particular instance, a special situation does exist since the Glass Container Manufacturers Institute has established specifications on glass bottles whereas our Division cannot.

Mr. George Ingle asked whether there has been any attempt to de-specialize this by taking perhaps a longer term view to set up a standard by a truly standardizing body and considering the SPI action as an interim step, perhaps calling it by such a term as "technical bulletin."

Mr. Babcock commented that the Bottle Division gave consideration to having their specifications handled as an interim step, but considerable blockage in the U.S. Department of Commerce has prevented the issuance of an impartial standard by that group.

Mr. Yeiser strongly suggested the Bottle Division consult ASTM for the issuance of such standards. Also, he stated that the FPI has issued "technical reports" which is another route to be considered; this also includes a disclaimer.

A motion was made by Mr. Ingle that the Bottle Division proceed with an "interim specification" prior to obtaining a proper standard by an impartial standardizing agency such as ASTM. This motion was seconded by Mr. High and unanimously approved by the Board.

PLASTIC TUBE MANUFACTURERS DIVISION: Submitted on behalf of Henry E. Griffith, Chairman, by staff administrator.

Through its Technical Committee, the Plastic Tube Manufacturers Division is developing finishes for plastic tubes. At present there are a variety of thread forms, some of which were originated in Europe and are still being used in the industry.

It is the goal of the Technical Committee and the Division to eventually promulgate uniform specifications for plastic tube dimensional profiles.

We have temporarily tabled our statistics program.

We, the plastic tube industry, through our Traffic Chairman, are continuing to monitor all motor carrier activities which might increase the expense of LTL shipments of our products. We work in concert with the SPI Traffic Committee.

While plans for a divisional promotional activity have not come to fruition, our members agreed to foster the plastic tube industry as much as possible when preparing press releases to the trade publications.

POLYETHYLENE FILM DIVISION: Submitted on behalf of Frank W. Caplan,
Chairman, by staff administrator.

As pointed out at previous Board meetings, the Polyethylene Film Division promulgated, some years ago, a Commercial Standard CS-227-59, 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 a time as requests are received for changing the Standard.

RIGID PLASTIC CONTAINER DIVISION: Submitted on behalf of Joseph Hines, Chairman, by staff administrator.

The Rigid Plastic Container Division held its Spring Meeting in New York, coincidental with the packaging show.

The Major portion of the work of our Division has been accomplished by our Traffic Committee.

Plans are under way to accelerate our work in the areas of standards, disposal, greater liason with Food and Drug Package Committee, monitoring of FDA regulations pertaining to labelling and and cooperation with SPI and any disposal projects the Society undertakes.

We plan a new format for our meetings with speakers, and intend holding our next session in late September 1968. A concerted effort will be made to increase participation in our Division by both member firms and potential member firms.

(c) GENERAL FABRICATION

CUSTOM MOLDERS DIVISION: Submitted on behalf of Chairman Robert C. Appleby by staff administrator.

The Custom Molders Division is currently awaiting the analysis by Arthur Andersen & Company of the returns received in our Division's cost estimating exercises. We plan to have a representative of Arthur Andersen come to three regional meetings in New England, New York and Chicago in late May to present their findings on an industry consensus basis.

Our Policy Committee met in March to advance our work on the development of a glossary of terms to supplement our Standards and Practices Manual.

MACHINERY DIVISION: Submitted on behalf of R. Martin Allard, Chairman by staff administrator.

The Machinery Division held its semi-annual meeting on Wednesday and Thursday, April 24th and 25th, in Chicago.

Chairman Allard reported that the SPI Board of Directors had authorized the hiring of a special Safety Secretary to administer all safety activity within the Society. The Machinery Division was extremely pleased and expressed its thanks to the Board of Directors for this important step forward in the general plastics safety field.

The highlight of the meeting was the distribution of the booklet "Proposed Model Code for the Manufacture and Use of Plastics Processing Machinery". The printing of this work is the result of concerted six years efforts on the part of machinery manufacturers.

The Division intends to disseminate this work as widely as possible, both within the plastic industry and to State Departments of Labor and insurance carriers. The latter two classifications have been repetitively asking for information of this nature.

Our Injection Machine Section completed its work on nomenclature and specifications forms and continues work on the development of knock-out and ejector patterns. We have just completed work on the 750 ton - 1600 ton patterns for horizontal machines.

Our Extrusion Section is working on nomenclature for their customers, and our Blow Molding Section completed its first draft of nomenclature for blow molding machines.

We had the largest attendance of accessory equipment manufacturers in the history of the Division.

Patents are most important in our work and we were addressed by Mr. Dimitri Allegretti of the law firm of Bair, Freeman, and Molinare, who reviewed the latest developments in patent law for attendees at our luncheon.

The next full meeting of the Division will be held this September at Bald Peak Colony Club, New Hampshire.

Following the report on the Machinery Division, Mr. Harding stated that this Division's "Proposed Model Code" has the following statement printed on the inside cover: "The Model Code contained herein is proposed by the Machinery Division to other interested groups in The Society of the Plastics Industry, Inc., and elsewhere. In view of the pressing need for such a Code, this preliminary version is being made available for interim use." Mr. Harding continued, explaining that the reason for this disclaimer is that the Safety and Fire Protection Committee of SPI had not had sufficient time to study the Code before publication.

The Board of Directors expressed the desire that the Safety and Fire Protection Committee continue with their work to review this Proposed Model Code, resulting in a Code which is truly representative of the entire Society.

At the last meeting of the Machinery Division, the question of donations for receptions was raised. The Division has requested that SPI's Board clarify its policy regarding solicitation of funds. Mr. Harding commented that SPI has passed a resolution prohibiting any such solicitations for any cocktail party which is related to an SPI meeting.

After discussion, Messrs. Robert Hoffer and Donald Snow presented the following statement for the Board's consideration (on Friday morning):

Regarding hospitality or social hour at an SPI conference, it is the recommendation of the Board that the cost of such a function be included in the conference fee; or, if this is not practical, then the social hour may be supported by some uniform voluntary apportionment of its cost among the participating companies. It disapproves of a general solicitation of supplier groups for this financial support.

The Directors instructed Mr. Harding to write to Division Chairmen and the staff, informing them of this procedure.

MOLD MAKERS DIVISION: Submitted on behalf of Donald A. Bachner, Chairman, by staff administrator.

A proposed Mold Buyers' Guide is now being finalized by a Task Force within the Mold Makers Division headed by William Monteith of Akromold, Inc. This Buyers' Guide, when completed, will be sent to all SPI holder and mold maker members and will be available for sale to mold makers for use with their customers. The Guide will contain chapters on Inquiry Information, Mold Design and Engineering, Changes in Mold and Rework, Progress Reports, Delivery and Acceptance, etc.

A drive to enlist many non-member mold makers in SPI will be launched with particular emphasis on the mold making plants in the Chicago area.

The three Chapters of the Division continue to meet several times a year. The Western Chapter has been active in mold maker apprentice training, education, and sponsorship of workshop seminars.

The New Jersey-New York and Midwest Chapters plan to hold meetings during June at which time new officers will be elected and further attention will be given to the present shortage of mold maker apprentices throughout the country.

At the Midwest Chapter meeting Ben Werne, SPI Labor Relations Counsel, will discuss "Current Trends In Labor Negotiations."

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

The Sheet forming Division holds an annual meeting at which time industry and consumer specialists make presentations on the use of sheet formed materials in such products as luggage, lighting, signs and displays, packaging and materials handling. Fabricators, sheet manufacturers, material suppliers and equipment manufacturers attend these industry sessions.

The next meeting of the Division will be held in Chicago the morning of November 11 during the time of the SPI Annual Conference and Exposition.

(d) INDUSTRIAL

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

The last full Committee meeting took place at the General Electric Company, Louisville, Kentucky, on February 14, 1968 with approximately 75 in attendance. Since then, the Executive Committee has held two sessions. The full Committee will meet on May 7, 1968 in New York City. The Committee has been reorganized into the following groups:

- 1) Refrigerator and Airconditioner Technical Subcommittee
- 2) Home Laundry and Dishwasher Technical Subcommittee
- 3) Educational Subcommittee

New Subcommittee chairmen are being appointed and their scope and activities will be more fully defined.

The Committee will sponsor a "Plastics in Appliances Seminar" as part of the 1968 Annual Conference, and most of the speakers have already been selected.

The Committee requests approval from the Board of Directors to institute an Awards Program to "encourage, recognize, and publicize intelligent and imaginative uses of plastics in major appliances." Some of the "ground rules" would include:

- 1) Awards be made to companies or departments and divisions of companies rather than to individuals.
- 2) Awards be non-monetary.
- 3) Awards be given in 5 major appliance categories: Washers, Dryers, Dishwashers, Refrigerators, and Airconditioners.
- 4) Entries be screened by a nominating panel that will select 5 candidate applications in each of the 5 major appliance categories.
- 5) Final selection of the winner be made by secret ballot of the SPI Appliances Committee membership.

The awards program will be financially self-sustaining. If Board approval is obtained, the "Awards Committee" will endeavor to present the first awards within a year.

The Board agreed to the initial presentation of such awards. However, the Board will review this program further after the first presentations in order to evaluate and establish future policy.

CAPROLACTAM MANUFACTURERS STUDY GROUP: (no Chairman)

Nothing to report since last report.

CELLULAR PLASTICS DIVISION: Jerold B. Smith reported for Chairman H. William Weinberg as follows:

"The annual meeting of the Cellular Plastics Division was held in Chicago on April 8, 9 and 10, at which time over 200 industry representatives gave consideration to recommended test procedures; revisions in existing standards; P/R and promotional programs; and the initiation of a Flammability Testing Program.

Division members based on their dollar sales within the plastics industry.

"Phase I of this flammability testing program will be conducted at both F.M. and U.L. and will involve the collection of data on the performance of cellular plastics in actual fires that have occurred during the last few years. This Phase will cost \$13,500 for which the monies are already in hand.

"Phase II of the flammability project will be concerned with the detail design of large scale test procedures representing various use applications. It will also be concerned with recommendations for both the base materials and the cellular plastics materials to be used in the tests, as well as the specific testing procedures to be employed in this long-range program. It is contemplated that Phase II, costing approximately \$30,000, will be undertaken by Factory Mutual only. The monies for this testing program are presently being raised within the Division.

"The urethane bedding promotion program is in its second year and is producing concrete results in the area of greater market penetration and the establishment of specifications through the General Services Administration. Proposed Federal Specifications are also being developed on both virgin and rebonded urethane rug underlay by the General Services Administration.

"The urethane foam Seal of Quality program has faltered during the last four months owing to an insufficient number of companies contracting with Detroit Testing Laboratory, Inc. to have their foam tested and certified as Seal of Quality urethane foam. Unless a minimum of eight companies sign contractual agreements with DTL shortly, the promotional and P/R program to publicize the urethane foam Seal of Quality will be dropped.

"The Division will sponsor its 13th Conference which will be an Inter-

"The new Division Chairman is Jerry Smith of The Cardinal Corp. of Wilmington, Delaware. The Division Chairman-Elect is Ray Siren of Mobay Chemical Co.

"The semi annual meeting of the Division is scheduled to be held on December 11, 12 and 13 in Atlanta, Georgia."

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

This Division is working on proposed test procedures for elastomeric materials as well as conducting round-robin testing programs. It is also concerned with the preparation of specifications on elastomeric caulks and sealant materials.

The annual meeting of the Division was held in New York City on April 30. An important program before the Division is the sponsorship of the 4th Elastoplastics Symposium to be held at the Americana Hotel, New York City on June 3-4, 1968. The theme of the Conference will be "Elastoplastics Materials in Commercial and Governmental Applications." Sessions will be held on "Sealants in Plazas, Decks and Structures," "Pavement Joints," "Commercial Applications of Elastoplastics," "Elastoplastics Metering and Mixing Equipment," and "Governmental Requirements for Elastoplastics." At the last session representatives from the Air Force, Navy, Army, Federal Aviation Agency, and NASA will make presentations.

The semi-annual meeting of the Division will be held in Chicago during the time of the SPI Annual Conference and 12th National Plastics Exposition.

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

At the Institutes last meeting in April, new officers were elected for a two-year term. The officers' are: Robert Thomsen of Pacific Resins and Chemicals, Chairman; Thomas Beere of Allied Chemical Corporation, Vice Chairman, and John Delmonte of Purene Plastics as member of the Executive Committee.

Donald Roon, outgoing Chairman, was praised for his leadership in organizing and directing EMI.

The technical committee continues to move rapidly and adopted four more test methods. Also, a definition of shelf life for epoxy molding compounds was adopted. The technical committee will continue to work on additional test methods.

Publication by Modern Plastics of EMI's article on the spiral flow test method has received numerous complimentary remarks from industry.

The federal specification covering epoxy molding compounds has not been issued and the members are awaiting it with interest.

The next meeting will be held in late October 1968 in San Francisco.

The Board of Directors adjourned for the day at 12:15 p.m. on Thursday, May 16, 1968.

The Board reconvened at 9:00 a.m. on Friday, May 17, 1968.

EPOXY RESIN FORMULATORS DIVISION: Mr. Cecil W. Armstrong, Chairman, reported as follows:

"I am pleased to report concerning the activities of the ERF Division, as follows:

"The 32nd Meeting of the Division was held in San Francisco on March 28, 1968. The following items were reported and discussed:

- 1) Reports of Test Methods Committee, Statistical Program, Purdue Tooling Seminar and other continuing activities.
- 2) The application of the Biggs Company, Santa Monica, California, for membership was approved.
- 3) It was noted that plans are complete for the Open Session which will be held during the 1968 SPI Conference.
- 4) The Chairman brought to the attention of the Division the fact that at least one major resin supplier had already published SPI ratings on their materials. Because of the rather conservative nature of these ratings, this subject was of great concern to the membership.

(Note: Subsequently, a meeting with officers of the ERF and representatives of major resin suppliers has been scheduled for May 9th in Washington, D. C., with SPI Legal Counsel.)

- 5) Officers of the Division to serve a two-year term, beginning June 1, 1968, were elected as follows:
- 6) General Chairman ----- H. J. Renaud, Ren Plastics, Inc.
First Vice-Chairman -- Donald C. Wells, Magnolia Plastics, Inc.
Second Vice-Chairman - Fred E. Meyer, Thermoset Plastics Co., Inc.

The business meeting was followed by luncheon and an excellent talk on 'Patents as They Relate to the ERF Formulator' - presented by Mr. Joseph W. Brown, Department Head, Patent Division, Shell Development Company."

In elaborating on point 4) above, Mr. Armstrong stated that the ERF Division has been developing the salient features of the "Guides for Classifying and Labeling Epoxy Products According to Their Hazardous Potentialities" for several years, principally in order to discourage ill-advised regulations at the local, state or Federal levels. After much work, the "Guide" was published and distributed early this year.

"Our thought," said Mr. Armstrong, "is to have all these materials labeled honestly and fairly based on scientific data that has been accumulated by all the companies involved, either raw materials producers or the formulators of epoxies. In discussing the solid resins at the May 9th meeting, it was concluded that there really is no direct data, nor any technical reason to believe that the solid resins constitute 'a substance that produces an allergic sensitization in a substantial number of persons who come in contact with it.' All existing data, as well as experience, indicates to the contrary. On this predicate, it was the consensus opinion that, except in the event of unusual circumstances not presently known or recognized, there would appear to be no basis for labeling the solid resins as in the SPI Classification 4. Based on the exchange of scientific opinion, it was also the consensus that undiluted and unmodified liquid resins would probably not call for SPI Classification 4 treatment."

Mr. Armstrong concluded by saying that without a doubt, the publishing of the "Guide" has been the greatest single accomplishment within the last few years.

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

The Expandable Polystyrene Group will hold its next meeting in Cleveland on May 23, 1968.

Important items to be discussed by this group include preparation of proposed technical standards and further consideration of a publicity and promotional program.

A letter ballot was recently sent to members of the group, asking them to indicate whether they favored holding their meetings henceforth with the Cellular Plastics Division. The ballot also calls for a vote on the formation of a joint Task Force, comprising members of this group as well as the Cellular Plastics Division to consider matters of flammability, code work, and applicable test procedures. The results of this letter ballot will also be discussed at the May 23rd meeting.

FLUOROCARBONS DIVISION: Submitted for John W. Burley, Chairman.

The work of the Fluorocarbons Division continues to be carried out through its Technical and Market Development Committees.

Twelve standards have now been established by the Office of Product Standards, U.S. Department of Commerce, or presently being processed by that agency. Other proposed standards under way include TFE Electrical and Chemical Tubing; TFE and FEP Heat Shrinkable Tubing; TFE Chemical and Mechanical Tubing, and Vinylidene Fluoride Lined Pipe and Fittings.

An Information Bulletin on compounded fluorocarbon materials is now being developed for publication and dissemination to consumers. One of the important Technical projects being finalized is a Proposed Specification on TFE Granular Resins. At the present time, the test procedures recommended in this specification are being utilized by members of the Division to determine their suitability.

The Market Development Committee plans to sponsor the 5th Design Conference and Exhibit around the middle of 1969 providing sufficient companies within the Division will financially support the Conference and exhibit their products.

The annual meeting was held at Bal Harbour, Florida on April 17-19, 1968 attended by 75 industry representatives. Technical and Market Development activities were reviewed and discussed during this session. Interesting presentations were made by Dr. Robert Maharry on the subject of "Personnel Selection", Dr. Edward Jefferson of DuPont who commented on "The Future of The Fluorocarbons Industry", and Ralph L. Harding, Jr. who spoke on "SPI Activities and the Challenge Ahead."

The semi-annual meeting of the Division will be held in Chicago, Illinois on October 10 and 11. Meanwhile Committees and Task Forces will meet periodically to work on their respective projects.

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

The Division and its Committees will hold its next sessions on July 9-10, 1968.

The work of the Division is carried on through its Accident Records, Labeling, and Test Methods and Outside Liaison Committees. By the end of 1968, the Division will select an independent testing laboratory which will conduct tests of commercial samples submitted by peroxide manufacturers in order to determine their properties and hazards. This testing program will be self-supporting by the fees paid by the manufacturers to the testing laboratory.

A great deal of progress has been made in developing specific test methods which can be used to determine performance of these materials. Close liaison is being maintained with such regulatory agencies as The Bureau of Explosives, Department of Transportation, etc.

PLASTICS FOR TOOLING DIVISION: Submitted on behalf of William L. Atchley, Chairman, by staff administrator.

As pointed out at the last meeting of the Board of Directors, considerable progress has been made during the last twelve months by the SPI Plastics for Tooling Division in servicing regional groups. The Midwestern Section is very active, mainly in the automotive industry, while the Western Section has been equally as active but in the aerospace activities. The Western Section, for instance, has held two one-day meetings on Plastics for Tooling at the San Diego State University in San Diego.

The principal activity of this Division relates to planning the Annual Plastics for Tooling Seminar at Purdue each year. In this connection, the complete detailed announcement for the June 12th and 13th 1968 Annual Seminar has been mailed to the industry within the past few days. As in the past, the concurrent sessions at the 10th Seminar will revolve around fundamentals as well as advanced technology. There is also scheduled a workshop session where attendees will have the opportunity of producing plastic tools in the laboratory at Purdue University. Of interest is the fact that Ralph I. Harding, Jr., Executive Vice President of SPI, will be the principal luncheon speaker at Purdue on Wednesday, June 12th, speaking on "Plastics: Keystones of the Future."

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PLASTIC GEAR COORDINATING COMMITTEE: Submitted for Byron Nelson, Chairman.

In an attempt to get the committee functioning, a meeting was held in Chicago on April 24, 1968. New material suppliers were invited. While attendance was somewhat disappointing, the meeting was fruitful.

The members agreed to issue a call to all interested parties to send whatever information that have in their files to SPI.

A meeting will be held in New York the week of June 10 to review the material received and determine if it can be correlated into a brochure on plastic gears. Additional projects will be discussed.

Should the response to the committee request be disappointing, the committee will consider dissolving itself.

PROFILE EXTRUDERS DIVISION: Submitted for Chairman Howard M. Wilkoff.

The members are participating in a cost estimating exercise which will prove most helpful. It is anticipated that Arthur Andersen will give their presentation at our next meeting to be held in June.

Orders are being received for the "Practices of Plastic Custom Extruders Including Engineering, Technical, Commercial and Administrative Practice." The manuscript is at the printers and will be available shortly.

Comments received since the issuance of "The In-Plant Training Manual" for this division have been very complimentary.

Chairman Wilkoff attended a UNANI meeting recently where a discussion on a medical grade material and will report to the members at the next meeting.

REINFORCED PLASTICS/COMPOSITES DIVISION: Chairman Charles D. Jones reported as follows:

"At the February meeting, a rather detailed report on the activities of the several technical subcommittees of the division was made, so I will not go into details of the activities of these committees at this time but will only comment that they are all working effectively on standards, test procedures, and dissemination of information in their various fields.

"Also at the last meeting, a preliminary report was given on the results of the 23rd Annual Conference which was held in Washington, D.C. early in February. The financial results of that conference were not available at that time but can be reported now. I am pleased to report that the conference resulted in a profit after payment to the general fund of SPI an amount of \$7,870.00 which represented a deficit for the previous annual conference. The net profit after payment of the previous obligation was \$3,833.09. I would like, at this time, to recommend that this balance be set aside as a credit to our division for future use of the division, probably in educational or publicity programs. "

President Singleton stated that the Executive Committee has approved the retention of these funds by the Division.

Mr. Jones continued with his report, "Plans for the 24th Annual Conference to be held in Washington, D.C. in February of 1969 are well under way with various program, exhibit, and publicity committees working to get all details organized well in advance.

"At a recent policy committee meeting held in San Francisco, in conjunction with the Western Division Conference, a decision was made to not try to convert the conference exhibit to a commercial exhibit which had been previously proposed and has been thoroughly investigated by a committee which reported that the material suppliers and molders did not favor a commercial exhibit at the technical conference.

"Also at the recent policy committee meeting, a decision was made to organize a speakers' bureau on a national basis that would provide qualified individuals throughout the country that could present a talk to all types of organizations concerning the materials, processes, and applications of the Reinforced Plastics/Composites Industry. Slides and information will be solicited from all of the members of the division and this will then be assembled into a prepared presentation which can be used by the various individuals throughout the country. This will, of course, require some professional help once the information is assembled in order to polish it up and make it a good presentation. This is one of the reasons why we would like to have the profit from the last conference set aside for use by the division.

"The next meeting of the policy committee to review the activities of the technical committees and plans for the 24th conference will be held at The Greenbrier August 29 and 30. "

REINFORCED THERMOPLASTICS DIVISION: Submitted on behalf of Russell B. Akin, Vice-Chairman, by staff administrator.

The seventh meeting of the SPI Reinforced Thermoplastics Division was held on February 29, 1968 under the direction of Dr. Russell B. Akin, E. I. DuPont de Nemours & Company, Inc.

Formal action was taken at the last meeting to approve the formation of a joint ASTM-SPI group dealing with the subject of reinforced thermoplastics, which group within ASTM will be designated as Subcommittee VIII. As pointed out at the last Board meeting, the objective of organizing this joint subcommittee is to broaden the acceptability of the Division's specification activities by having it recognized by the ASTM. Various sections will be organized under Sub VIII, including: test methods, reinforced polyimides, reinforced polycarbonates, reinforced styrene-containing thermoplastics, reinforced polyacetals, and, finally, reinforced polyolefins. The organization and procedures for operating this joint ASTM-SPI Subcommittee have been set forth and approved by both ASTM D-30 and the SPI Division. There may be a possibility that, in the future, compomers of reinforced thermoplastics will provide the Society with statistical information which will, as usual, be handled on a quarterly confidential basis with totals issued to participating companies.

For some years now, this Division has sponsored a session or sessions at the Annual Conference of the SPI Reinforced Plastics/Composites Division. Agreement was reached at the last meeting that a request would be made of the Program Committee in charge of the February 1969 Conference that a session be scheduled.

The next meeting of this Division will take place on Thursday, May 16th in New York City, under the direction of Dr. Akin. An election of officers will be held at the next meeting for selecting a Chairman and Vice-Chairman to guide the Division for the ensuing two years.

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

The Vinyl Dispersions Division, as pointed out by Mr. Caplan at the last Board meeting, is an organization made up of custom formulators of vinyl dispersions with associate membership consisting of raw material suppliers to the vinyl industry. The principal accomplishment of this Division has been the promulgation and issuance, through SPI, of eighteen uniform test procedures which have met with exceptional acceptance throughout the various industries which the formulators serve. The group is continuing to develop new test methods to be included with those previously approved.

The last meeting of the Division was held in St. Louis, Missouri on April 18 at which time Joseph Darby, Head, Plasticizer Application, Monsanto Company, delivered the principal technical address on the subject "Some Parameters for Plasticizer Selection"; while Walter E. Schalk, Sales Director - Markets and Products of Monsanto Company, delivered the management presentation entitled "The Job of the Product Manager".

There is every reason to believe that the formulators will agree within the next few weeks on reissuing a promotional booklet on vinyl dispersions entitled "The Role of the Formulator". This booklet was published some years ago, and supplies are presently exhausted. Hopefully, this booklet will be brought up to date and reprinted in time for distribution at the 1968 November Conference of SPI.

The Division finalized, at its last meeting, details of the program it plans to present during an open session on Vinyl Dispersions being scheduled at the November Conference of The Society.

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

The members are participating in a cost-estimating exercise. The results will be presented at the next meeting to be held in June.

The "Commercial and Administrative Practices of the Vinyl-Metal Laminators Division" has been published.

Invitations have been issued to laminators, and substrate manufacturers of material other than metal to attend our next meeting. The response has been enthusiastic and we expect a large turnout. This segment of the meeting will be exploratory to determine the needs and objectives of this segment of the laminating industry.

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(c) COMPUTER

HOUSEWARE MANUFACTURING DIVISION: Submitted on behalf of
Mr. Lester Egan, Chairman, by staff administrator.

Main activity continues to be code approval for plastic trash
containers in various communities.

Issuance of The National Sanitation Foundation Standard will
help in this area.

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

There has been no meeting of the SPI Melamine Dinnerware Guild since the last Board meeting when at that time it was reported that the last meeting was held in Chicago, Illinois on January 15, 1968, under the direction of the outgoing Chairman Walter B. Longacre of Lapcor Plastics Inc. This Division is still concerned with the promulgation of amendments to two commercial standards, i.e., CS 170-50 (institutional) and CS 210-57 (household). Amendments have already been transmitted to the U.S. Department of Commerce and as a matter of fact have been approved by the Standing Committee. It is hopeful that within the near future a ballot form will be circulated by the Department of Commerce to all interested parties, both molders and users, in order to ascertain whether complete approval is forthcoming for updating the two standards. In the meantime, the Division is also watching the progress which the National Sanitation Foundation has made in its use and wear evaluation of a variety of dinnerware, including melamine, china, ceramic glass, glass, and, finally, heat-resistant glass. A special task force, as announced at the last Board meeting, has been active in negotiating with the NSF the possibility of conducting further tests, incorporating the use of detergents in the tests since, at the last meeting, it was noted that the NSF report on cleanability did not include in its final washing a detergent, but, rather, utilized only hot water. The Guild feels that a detergent should be used in any research of this type since a detergent is always utilized in actual installation, both institutional and household.

The next meeting of the Guild will be held on Tuesday, July 9, in connection with the Housewares Show in Chicago, Illinois.

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

The second meeting of the Vinyl Film and Coated Fabrics Division during 1968 has been scheduled to be held at Delmonico's Hotel in New York City on May 21, 1968.

Kenneth Edgar, Division Chairman, has arranged a worthwhile program for this dinner meeting of vinyl processors and raw material suppliers.

Dr. Charles Needer, Senior Economist of DuPont, will discuss "The Next Ten Years in the American Economy." Ralph L. Harding, Jr., Executive Vice President of SPI will also address the group on "SPI and The Future."

Division members will also give consideration to sponsoring the 12th Vinyl Film, Sheet and Coated Fabrics Conference which, if approved, will be held in New York City in the late Spring of 1969.

(S) APPAREL

BUTTON DIVISION: Submitted on behalf of Chairman Neil O. Broderson, by staff administrator.

The next Division meeting will take place in June, 1968 in New York City.

A new Chairman, Vice Chairman, and Steering Committee will be elected within the next two weeks.

Progress is being made in instituting a statistical program under the auspices of the Bureau of the Census, U. S. Department of Commerce, covering the shipment of all types of domestic buttons including plastics, metals, etc. A meeting will be held shortly with members from the Bureau of the Census to discuss the extent of industry participation.

The SPI Button Division will make a formal presentation to the Trade Information Committee in Washington, D. C. on May 9, 1968. The Division will confine its statement to a discussion of tariff preferences for less-developed countries.

(g) SERVICES

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

The Accounting and Financial Committee will conduct a seminar on "The Annual Plan" in June 1968 in Boston, Massachusetts. In the Fall of 1968, the Committee will conduct a "Profitability and Machine Hour Rate" Conference.

To date, approximately 200 companies have participated in Labor Survey No. 31 - Plastics Processing Companies. This report will be published in June.

The questionnaire for the biennial Financial and Operating Ratios - Plastics Processing Companies - will be issued in June 1968.

Progress is being made by the study group responsible for revision the Accounting Manual for the plastics industry which was last issued in 1961. Several subcommittees have met during the past few months to discuss the seminars and projects underway.

Mr. Hoffer recommended that Mr. Harding review the format of the cost accounting exercises, to make sure that they are as meaningful and productive as they should be.

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

The Committee met jointly with the SPE Education Committee on May 6, 1968 in New York City. The Plastics Manpower Survey will be published this Summer. Returns were received from approximately 800 firms. The Survey clearly indicates that there will be a critical shortage of trained manpower during the next five years, particularly for skilled and semi-skilled personnel. Likewise, there is a definite need for pre-employment training for the plastics processing industry. The report will not only show an analysis on the returns but will also make broad recommendations on steps which industry and educators should take in alleviating manpower and educational shortages.

A new in-plant training booklet, "An Introduction to Extrusion," just published, has been very well received and several thousand copies have already been sold.

Staff contact is being maintained with various institutions across the country which will be starting courses both on the high school and junior college levels. Brown Community College, Ferris State College, and the State University of New York Agricultural and Technical College at Morrisville will commence two-year junior college courses in September, 1968. Westinghouse Area Vocational High School in Chicago will commence a vocational training program in September and has requested local industry to support this program with money, materials and machinery.

Mr. Harding, in commenting upon the Manpower Survey, stated that "we not only have the need for additional personnel as pointed out in the survey, but also we have a very definite need for a master plan, an overall broad approach to the whole question of plastics education." He asked for Board authorization to work closely with SPE in organizing and coordinating the industry's education program, specifically through the new Plastics Education Foundation, proposed by SPE.

President Singleton supplemented Mr. Harding's comments, saying there is a natural commonality between SPI and SPE and it has been very gratifying in the last year to see this growing cooperation between the two groups. Mr. High stated Mr. Harding is to be commended for bringing these two organizations more closely together. There was no objection to Mr. Harding's proposal.

It was pointed out by Mr. Hoffer that there are considerable State and Federal funds available for vocational and technical programs which we should employ.

EXECUTIVE GROUP LIFE INSURANCE (no Chairman)

Nothing to report.

SPI-25780

12th NATIONAL PLASTICS EXPOSITION COMMITTEE: Mr. A. A. Hutchings, Chairman,
reported as follows:

"As a result of two promotional mailings since the Drawing for Booth Space took place on November 1st, half a dozen companies have been added to the Waiting List for Booth Space. As there are 15 firms on this list the consensus of the Committee at its April 30th meeting was to expand into the North Hall of the International Amphitheatre, which is the last area available to this Show. As a consequence we are taking steps to have this area laid out in a manner consistent with the size of booths requested by the companies listed. It is currently planned to include the SPI Theme Center in this area.

"The Audit Subcommittee, headed by J. Neil Stalter of Eastman Chemical Products, Inc., has studied the procedure followed in the previous National Plastics Exposition in connection with recording the names, addresses, titles and types of businesses of exposition registrants and have made several suggestions which the subcommittee feels will improve the procedure for the gathering of this information and also will provide more practical results. The recommendations of this subcommittee have been approved by the overall committee.

"As the 12th NPE is being held to expose business and industry to the latest products, processes and developments in the broad field of plastics, it serves as an educational show. Because of this the 12th NPE Committee voted to eliminate all 'Sold' signs or 'Price' signs on display in the booths. (In response to a question raised by Mr. Robert Lilligren, Mr. Hutchings commented that such indications of price would be permitted within a company's catalogue or brochure.)

"As a convenience and incentive to visitors to the NPE, a bus service will be established between the key Chicago hotels and the Amphitheatre. Also buses will run from the Amphitheatre direct, non-stop, to O'Hare Airport toward the end of the exhibit hours and in this connection consideration is being given to a bus service from O'Hare non-stop, direct to the Amphitheatre and as an accommodation to one-day visitors to the Show. Under the present procedure it is necessary to take a limousine from O'Hare to a downtown hotel and then seek other means of transportation to the Amphitheatre which is time consuming.

"The Subcommittee on Publicity and Advertising, chaired by James R. Dowler of Shell Chemical Company, reported that the first two of the six News Letters to Editors had been mailed. These News Letters contain up to date information on the plastics industry which editors can tie in with the promotion of the Exposition. In addition, at the time of the NPE, TV news clips will be prepared for showing on TV stations.

"A suggestion was made at last week's committee meeting that a reception be held for foreign and domestic machinery manufacturers as a sort of a gesture of reciprocity in appreciation of the way our domestic machinery manufacturers are received at the plastic and machinery shows in Europe. This is under consideration.

"Because this Exposition is so much larger than anticipated, there has been a question in the mind of some members and exhibitors that possibly the City of Cleveland would not be able to provide adequate housing for our industry in the spring of 1971. As a result, the head of the Cleveland Convention Bureau came to the April 30th committee meeting and reassured the committee that Cleveland could be able to guarantee at least 5000 first class rooms for the 17th NPE.

"The Site Seeking Subcommittee, whose Chairman is Thomas Bishop of NPE, had made another assessment of the hotel and exposition facilities for the 17th NPE to be held in the fall of 1973. As a result it was the consensus of the overall committee that only Chicago and Philadelphia could be considered and that Chicago was first choice, as there is every indication that McCormick Place, will have been rebuilt and in good running order by that time."

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

"Our Program Committee met for the second time on April 25th in Des Plaines, Illinois, and the plans for the NPE are well underway. We are very favorably impressed by the work of the coordinators.

"Following is the schedule of sessions as they are to be slotted during the four days:

<u>Tuesday, November 12</u>	<u>Wednesday, November 13</u>
1. Machinery	1. Industry Challenges (I)
2. Automotive	2. Furniture
3. Packaging (I)	3. Packaging (II)
4. Electrical/Electronic	4. Aerospace & Defense
5. Vinyl Dispersions	5. Epoxy Resin Formulations
<u>Thursday, November 14</u>	<u>Friday, November 15</u>
1. Industry Challenges (II)	1. Medical
2. Construction	
3. Appliances	
4. Communications	
5. Structural Fabricators	
6. Fluorocarbons	

"A suggestion was made at last week's committee meeting that a reception be held for foreign and domestic machinery manufacturers as a sort of a gesture of reciprocity in appreciation of the way our domestic machinery manufacturers are received at the plastics and machinery shows in Europe. This is under consideration.

"Because this Exposition is so much larger than anticipated, there has been a question in the mind of some members and exhibitors that possibly the City of Cleveland would not be able to provide adequate housing for our industry in the spring of 1971. As a result, the head of the Cleveland Convention Bureau came to the April 30th committee meeting and reassured the committee that Cleveland would be able to guarantee at least 5000 first class rooms for the 13th NPE.

"The Site Seeking Subcommittee, whose Chairman is Thomas Bishop of NPE, had made another assessment of the hotel and exposition facilities for the 14th NPE to be held in the fall of 1973. As a result it was the consensus of the overall committee that only Chicago and Philadelphia could be considered and that Chicago was first choice, as there is every indication that McCormick Place, will have been rebuilt and in good running order by that time.

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

"Our Program Committee met for the second time on April 25th in Des Plaines, Illinois, and the plans for the NPC are well underway. We are very favorably impressed by the work of the coordinators.

"Following is the schedule of sessions as they are to be slotted during the four days:

<u>Tuesday, November 12</u>	<u>Wednesday, November 13</u>
1. Machinery	1. Industry Challenges (I)
2. Automotive	2. Furniture
3. Packaging (I)	3. Packaging (II)
4. Electrical/Electronic	4. Aerospace & Defense
5. Vinyl Dispersions	5. Epoxy Resin Formulations
<u>Thursday, November 14</u>	<u>Friday, November 15</u>
1. Industry Challenges	1. Medicine
2. Construction	
3. Appliances	
4. Communications	
5. Structural Fabricators	
6. Fluorocarbons	

"The speakers, in most instances, have indicated definite acceptance and letters are being sent out asking for their final reports to be sent to Charlie Condit. Everything is 'go'."

Mr. High commented that a new badge should be designed for this conference, in line with "PLASTICS 100" to exemplify the quality, beauty, and strength of the plastics industry. President Singleton stated that this is a good suggestion and is already being implemented by our Public Relations staff.

Mr. Harding called attention to NPE week and the various scheduling of events.

The CONFERENCE is to be held on Tuesday, Wednesday, Thursday and Friday at the Conrad Hilton; hours are from 9 a.m. to noon.

A RECEPTION will be held at the Conrad Hilton on Tuesday evening, November 12th.

A LUNCHEON will be held on Wednesday, November 13th.

An INTERNATIONAL RECEPTION for the overseas visitors is scheduled for Wednesday evening, November 13th.

The EXPOSITION's opening ceremony will be held at noon on Monday, November 11; the NPE will be open daily from 1 p.m. to 6 p.m. except on Friday when the hours will be 10 a.m. to 3 p.m.

Mr. Harding further mentioned that the preliminary room registrations have been mailed and better than 1000 of the 1500 rooms at the Conrad Hilton have already been taken. Prompt action, therefore, is urged.

PUBLIC RELATIONS COMMITTEE: Submitted on behalf of Joseph P. Orr, Chairman, by Al Hutchings, as follows:

"A growing awareness on the part of the public of plastics' contributions to better living is one of the major benefits of the 'Plastics 100' public relations program now under way.

"Television, radio, newspapers, consumer magazines, trade publications and member company external and internal house organs are the media being used to tell the plastics story. In so doing, the program is not dwelling on the fact that the industry is a century old--rather it is aimed at strengthening the image of plastics as quality engineering materials.

"Among the many projects being used to promote the Centennial is a special supplement in The New York Times. This supplement will be published on May 26 and will consist of twenty pages of editorial and advertising material. Extra mileage will be obtained through the distribution of reprint copies of the Times supplement and a letter offering these reprints at a cost of about \$45 each was mailed to all members about a month ago.

"The 'Princess of Plastics' promotion is moving ahead with good results. Thus far Esther Dاذigan, who is representing the industry during the Centennial, has visited the following cities: Miami, Washington, Atlanta, Portland, San Francisco, Los Angeles, New York and Kalamazoo, Mich. During each of her visits, she has been scheduled for television and radio appearances and for newspaper and magazine interviews. She also has appeared at the Reinforced Plastics/Composites Division Conference, the Western Section Conference and the annual meeting of the SPI AMTEC. Throughout the remainder of the year, Esther will be appearing at the other major meetings on the SPI calendar, climaxing in the National Plastics Exposition next November.

"At the last Board meeting it was reported that the Public Relations Committee was investigating the possibility of a plastics exhibit in the Museum of Contemporary Crafts in New York City. However, upon looking further into the project, the committee decided that the total expenditure for involvement in the Museum exhibit would be prohibitive. This decision was reached after discussion with the public relations manager of the Container Corp. of America, which earlier sponsored the 'Made of Paper' exhibit at the Museum. As a result, the 100th Anniversary Subcommittee is meeting this week to discuss another major event for the Centennial.

"A two-minute television film is about to be distributed to more than 500 television stations in the U. S. and Canada. This film, designed to promote the Centennial, shows the many ways in which plastics are involved in everyday living. Later this year a second television film will be distributed at the time of the National Plastics Exposition.

"To help member companies tell the story of plastics, a pattern speech entitled 'Century of Progress--Formula for the Future,' was distributed earlier this month to all SPI members. This 10-page speech is designed for presentation before such audiences as chambers of commerce, fraternal organizations, and other groups. The talk briefly discusses the history of plastics and then launches into a comprehensive outline of the ways in which plastics are participating in the nation's economic growth.

"In addition to all of the aforementioned projects a continuing campaign of supplying editorial matter to newspapers, consumer magazines, trade publications and television and radio stations will continue throughout 1968. This has produced an ever-growing collection of clippings from publications across the nation and this program is expected to gain even greater momentum as we move closer toward the National Plastics Exposition.

"Plans for a theme center for the National Plastics Exposition are now being considered. In fact, the meeting of the 100th Anniversary Subcommittee this week will discuss ideas for such a center.

"At the last meeting of the Public Relations Committee, William E. Harris of the General Electric Co. was elected as the new chairman of the committee, succeeding Joseph P. Orr of Monsanto Co. who completed his two-year term. A new vice chairman will be elected shortly.

"Also at the last meeting of the Public Relations Committee in April, a subcommittee appointed to study the possibility of a motion picture for the industry made its report. The members of this committee are Paul Cornyn of Sinclair-Koppers and Robert Nightengale of Hercules Inc.

"Following is the report of this subcommittee and its recommendations:

"Having begun its relatively short history with consumer-type products which the public generally accepted as inferior substitutes, the plastics industry has faced and continues to face the arduous task of re-creating an image which depicts its real and practical value to both the public and to virtually all industry.

"It is generally agreed that the public is unaware of the role of the plastics industry as an important economic factor in our society -- certainly not rated at the level of other major industries like steel, automotive, electronics, and others. This unawareness persists despite recent studies

and economic forecasts which indicate that the plastics industry will have the highest escalation rate of all domestic industries into the 1980's and beyond.

"In effect, the plastic industry's image today represents at best a shadowy -- at worst, a negative -- picture in the public's mind. Other emerging industries faced similar problems. And this erroneous image clung until those industries took steps themselves to make a change: to tell the public and industry what they did, what they could do, and how their future was such an important part of the future of the American way of life.

"Through the efforts of its Public Relations Committee, the SPI has taken initial steps to 'neutralize' the negative aspects of the image which the public and some segments of industry have of the total plastics field. While they have produced the desired result in a small way, they have, in effect, only 'nibbled' at the overall problem.

"There is no question that the plastics industry needs to dramatize its true story and present it in such a way that it be believable, entertaining, informative, and, most importantly, a realistic portrayal of the true role of the industry in every walk of life.

"It is the opinion of the Public Relations Committee that the urgent need for such a presentation can best be met by a highly professional, truly dramatic, color motion picture. This picture, properly planned and created, will add an important ancillary dimension to present and future programs undertaken by the Committee, and will serve as a cohesive public service.

Objectives

1. To help eliminate a negative image which still persists by creating a strong positive impression in the minds of the public concerning the importance of the plastics industry and its contributions toward our economy and standard of living.
2. To depict the industry as a vital, vigorous leader which has, and will continue to set new standards for technological advances in the years ahead. By way of giving emphasis to this theme, the industry will be portrayed as one eager to meet new challenges in any field -- ready to apply its vast capabilities to the task of solving new problems as they arise -- wherever and whenever they occur.
3. To promote plastics as engineering materials whose unique properties, when combined with imagination more often than not out-perform other basic materials.

4. To promote the plastics industry as one of the best potential areas for the work force of the future and help to create the incentive to become a part of this challenging business.

Film Content

"If this recommendation is received favorably by the Board of Directors, a detailed report of the creative approach to be taken for such a motion picture will be presented to the Board for review and approval.

"At the present time, the film is conceived as one which would dramatize the important role plastics play in such diverse fields as medicine, packaging, space, transportation, military, et.al. These roles would be depicted not to educate the viewers about plastics, but to enlighten them concerning technological progress being made in the more sophisticated areas of applications. A 'tomorrowism' theme would also be injected.

"The picture would, in effect, create an image that plastics are a realistic and practical answer to many needs of people, industry and government -- that its applications range from the mundane to the exotic, very often existing as the only material which provides an efficient and economical answer for these needs.

Scope of Audience

"Possibilities exist for distributing prints to such diverse groups as: schools and universities, commercial and educational TV, industrial associations, women's clubs, church groups and professional groups.

Timetable and Financing

"It is the opinion of the members of the Public Relations Committee that an investment of approximately \$75,000 to \$85,000 would cover costs of production, prints, exploitation and distribution.

<u>Time Period</u>	<u>Project</u>	<u>Estimated Cost</u>
June 1968 December 1968	Research, script, outline, planning, review by the PR Committee and the Board of Dirs.	\$15,000
January 1969 June 1969	Shooting, edit footage, refinement	\$45,000
June 1969 December 1969	Final editing, initial distribution, extra prints, promotional material	\$15,000

President Singleton commented with regard to the request for funds to develop a motion film that the Executive Committee has reviewed this and believes that there is a definite need for such a film. There has been some thought that two 15-minute films might serve a more useful purpose than one 30-minute film, with the ultimate result of building up a library.

Mr. High mentioned cost savings on a film which the Mold Makers section had made by not retaining the educational TV rights. The trade schools and educational television stations are the prime targets for such a film, and therefore a waiver certainly should be considered.

Mr. Singleton mentioned also that use of free time on TV would perhaps warrant short films, such as 5-minutes in length. Such a film would reach large television audiences and encourage new people to enter the plastics industry.

Mr. Cole stated that this should be a continuing program and should have some coordinating function for consistence and lack of overlapping. However, he mentioned that before proceeding, it should be determined whether there will be a single film or one of a series, since the content would certainly differ.

Mr. Prendergast raised the possibility of having three films: (1) for the benefit of plastics, (2) technically oriented for technical schools, and (3) educational type for ladies garden clubs, etc. The general format could be the same but split off for the varying interests.

Mr. Yeiser mentioned that there are currently a great number of films in our industry and excerpts from these are excellent. Perhaps a good film editor would be the solution, making a film from the ones already available in our industry.

Mr. Hoffer mentioned in connection with the increasing need for personnel in our growing industry that such a visual aid in attracting employees is greatly needed.

Mr. High moved, seconded by Mr. Hoffer that the Board of Directors authorize the Executive Vice President to work with the Public Relations Committee in implementing the several suggestions which have been made; the Board approved support of up to \$15,000 for the first stage of such a series of films at Mr. Harding's discretion.

The Board unanimously approved this approach.

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

Nothing to report.

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

The second meeting of the new Safety and Fire Protection Committee took place on April 4, 1968 in New York City.

Nearing completion is a new bulletin on "Fire and Explosion Hazards in the Pneumatic Conveying of Plastics." A series of "Fire Hazards Self-Inspection Forms" will be ready in the next few months. Two other bulletins on "Sources of Information on Safety and Fire Protection," and "Accident Investigation Forms" are planned.

A special task force from the Safety and Fire Protection Committee and the Machinery Division has been formed for the purpose of selecting a safety consultant for the SPI who will be concerned with safety and fire protection -- primarily machinery safety. Eventually a full-time safety engineer will be hired after his functions and responsibilities have been defined.

Participation is increasing in the quarterly Disabling Injury Report for Plastics Processors. One hundred and ninety four members furnished data for the last report. The Committee will publicize and promote its work by manning the SPI information booth at NPE this Fall.

The next meeting will take place on June 20, 1968 in Cleveland, Ohio.

Mr. Harding stated that the hiring of the Safety Consultant and the Safety Engineer will be a most worthwhile endeavor. There are great opportunities not only to improve our safety record but also to reduce the losses and strengthen the industry in many ways.

TRAFFIC COMMITTEE: Submitted for W. C. Collins, Chairman.

The Traffic Committee is now preparing testimony in opposition to the proposed rail rate increase - Rr Parte 299, which if approved, will substantially increase rail freight charges for all commodities including plastics. This latest proposal is discriminatory in nature in that many plastic articles will be increased by 7% and plastic raw materials by 5%. Hearings before the Interstate Commerce Commission will commence shortly in Washington, D.C. A special task force has met several times to prepare testimony presenting the plastic industry's position and particularly that of the plastic processors.

Through its various subcommittees, the Traffic Committee is closely following developments of interest to plastics processors. A transportation characteristic survey has been sent to thermoplastic and reinforced plastic pipe manufacturers covering plastic pipe and tubing in straight lengths with an inside diameter greater than six inches. The National Classification Board of the Motor Carriers is proposing that such pipe be shipped under the density rating for plastic articles MOI.

A transportation characteristic survey is being conducted on all types of rigid containers with the goal of preparing proposals which would improve the classification ratings of these products.

The next Committee meeting will take place on June 13-14, 1968 in Washington, D.C. New officers and a Steering Committee will be elected at that time.

(b) TRADE

INTERNATIONAL COMMITTEE: Submitted on behalf of James W. Flynn, Chairman, by staff administrator.

A subcommittee recently met to develop plans for international activities in connection with the National Plastics Exposition. We plan to have a special registration desk and visitors lounge for the use of overseas visitors. A multilingual hostess and the secretary of the International Committee will be on hand to register and assist overseas visitors. We plan to hold a special reception for overseas visitors on Wednesday evening, November 13. Publicity on the NPE has also been sent abroad.

The Committee recently cooperated with the Chairman of the SPI Tariff Committee in the development of his testimony before the Trade Information Committee concerning the future of U. S. foreign trade policy.

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

The Chairman of the Committee will submit on May 9, 1968, in Washington, D. C., testimony to the Trade Information Committee on the future of U. S. Foreign Trade Policy.

His statement covers:

- 1) the competitive position of the U. S. plastics industry in world trade and prospects for the future;
- 2) the significance of tariff and other trade barriers including:
 - a) indirect taxes, and
 - b) internal restrictions affecting marketing and distribution;
- 3) problems faced by American exporters and recommendations aimed at making the industry more competitive in world trade;
- 4) future administration of U. S. foreign trade policy.

The statement submitted was prepared by representatives from both the U. S. Tariff Committee as well as the International Committee and received SPI Executive Committee approval.

The Board of Directors unanimously resolved to extend their congratulations and appreciation to William F. Christopher for his excellent presentation before the Trade Information Committee. (letter sent on May 22, 1968)

SPI - CANADA: Submitted on behalf of E. L. Littlejohn, President,
by staff administrator.

Business in the Plastics Industry approaching the mid-year is very good in Canada. If it keeps up for the rest of the year in the same way, we should have a record-breaking year. Toolmakers are very busy, moulders have little available time, the packaging field is expanding, extruders in pipe and profiles are all busy with expanding opportunities with the increase in new housing starts with new code approvals and particularly expansion in rural gas pipe distribution.

Through the enthusiasm and participation of our membership in suggesting and urging their associated firms in the industry to join the Society, our company membership now stands at 181 companies. Since the last report we have had one cancellation of a machinery company and the re-instatement of a company that had gone bankrupt and reorganised under new owners. We see a continued trend in the acquisition of new members.

An exciting and informative Conference is coming up in Ottawa on May 31 and June 1. Registration starts on Thursday evening, May 30 with a Canadian Plastics Pioneers meeting the same evening, followed by two days of panels and technical papers culminating with a relaxing social event on the Saturday evening. A broad-based display of plastics applications will be mounted in the hotel's "Peacock Alley" for showing to government officials, the public and the industry. Plastic Houseboats and "Sea-Doos" will be on display and operating in the adjacent Rideau Canal. For the first time we have developed a separate programme for the wives of the delegates. We extend a cordial invitation to everyone of the Directors present, and their associates to attend and participate in our 26th Annual Conference.

Certain of our PVC manufacturers in Canada are somewhat frustrated with the scope and range of the activity of our Plastics Pipe & Fittings Division and have incorporated a separate PVC Association in which they wish to operate through SPI. Several meetings and discussions have been held with the group and we are currently engaged in a dialogue with them, based on their specific suggestion of revision the Bylaws of our Plastics Pipe & Fittings Division, to basically restructure it from an end-product based approach to a raw-materials approach. Continuing conversations are taking place in an atmosphere of good will. Underlying the whole discussion is our concern in having this revised approach result in the re-introduction, at the fire and code level, of destructive competitive tactics of plastic material versus plastic material at this level. This problem is, I am sure, very similar to the problem you have in the U.S. We are hopeful that good sense will prevail and that we can keep this whole matter within the umbrella of SPI so that the various materials can do their squabbling within SPI and meet the code and legislative authorities with a unified voice.

For the past year SPI Canada, in common with other Canadian chemical industry Associations, which includes the Canadian Chemical Producers' Association, which corresponds to the MCA, plus four other associations have been working on a joint economic study with the Department of Industry in Ottawa on the chemical and related industries within the Canadian economy. It is our hope that this study will result in some constructive suggestions and material which will be used at the cabinet making decision level for government policy.

Currently there are six sub-groups in the processing area, within our membership, working on product studies on a volunteer basis.

To coordinate the chemical industry's side of the study, Mr. W.N. Hall, former President of Duxtar Limited, now a Consultant, has been retained by the association to coordinate our side of the activity. SPI Canada was asked to support this to the extent of \$2,500. for the 1968 share of the expense of this work. Eric Salmon wrote to Ralph Harding to fill him in on the background of the study and received tentative approval from the New York office to OK this. Through a motion I am asking this Board to approve the payment of this amount in three equal installments.

At this point, I would like to extend the thanks and appreciation of the Canadian members of SPI, and particularly the staff in Toronto, for your help and willingness to cooperate in setting up our much-improved office facilities in Don Mills, Ontario. We moved to our new premises on April 26. They are twice the size of the former offices and we now have a combined meeting room and library where many of our small meetings will be held. These facilities will better reflect the stature and importance of our industry. They certainly will contribute to a more efficient means of serving our growing membership.

We look forward to again hosting the August meeting of the Directors in Canada at the Seignior Club just below our Nation's Capital on the Ottawa River. It is a beautiful resort club, operated by the Canadian Pacific Railway with excellent golf, fishing and swimming facilities for those so inclined.

The Board of Directors unanimously approved the expenditure of \$2,500 enabling SPI Canada to participate in the above-described joint economic study.

Mr. Harding mentioned SPI Canada is going through a very thorough study of their organization and this will be further reported to the Standing Committee on Organization after detailed discussions in Canada later this month.

(1) SECTION REPORTS

NEW ENGLAND: Reported by Donald T. Snow, Jr. Chairman, as follows:

- " The Spring meeting of the New England Section was held in Worcester on April 15, with 50 in attendance.
- " George W. Ingle of Monsanto spoke on the disposal of solid waste, the role plastics would play and the problems they would create. It was interesting and timely!
- " At a meeting of the New England Board of Directors held earlier that evening, Richard F. Berentzen, Iver J. Freeman, Bertram E. Graham, and T. H. Stegmair, Jr. were elected to serve for three years.
- " Winthrop A. Fleming was appointed to head the Membership Committee, and has subsequently set in motion a second drive for new members in the New England Section. This will be held later in the Spring, and hopefully, will prove as successful as was the 1967 campaign.
- " There has been little activity in the Custom Molders group, although participation in the recent quoting exercise was satisfactory.
- " The Board of Directors met on April 29 to elect officers and to make preliminary plans for the Fall meeting. The following were elected to serve for the fiscal year of 1968/1969:

President	Joseph M. McDonald Sweetheart Plastics Inc.
Vice President	Bertram E. Graham Worcester Moulded Plastics
Secretary	James Cruickshank PLASTICS WORLD
Treasurer	T. H. Stegmair, Jr. Rexall Drug & Chemical

- " 'Plastics 101' will be the theme of the Fall Conference to be held September 11th to the 14th at the Mount Washington Hotel, Bretton Woods, New Hampshire.
- " At the risk of sounding like a member of the 'New Hampshire Chamber of Commerce', it's a tremendous location, surrounded by the 'forest primeval' and the towering White Mountains. Golf on two excellent courses with the leaves turning color; antiquing and sight-seeing for the ladies; fine food and entertainment for all and two excellent morning programs to satisfy the I.R.S. - and you can't beat the company.

"I realize that it is repetitious, but a revision of the dues schedule must be mentioned. SPI is for everyone connected with our industry, and for some small struggling companies an outlay of \$200, for what seems to be an intangible, is a big item. Those of us who are established can continue to pay on the present schedule, but perhaps a new category can be developed to bring the 'little guy' into the fold. We could swell our membership, increase income, and attempt to convince these people, through our association, that ethics and honesty can be rewarding.

"It is my understanding that the dues schedule will be reviewed at the annual meeting in 1969. I do hope you will give consideration to my suggestions at that time, if not before.

"It is only through the active participation of its responsible members that SPI can continue to provide leadership and counsel to the industry, and you are to be commended for your efforts.

"This will be my last meeting, and it has been great being with you!"

President Singleton assured Mr. Snow that the dues structure will be reviewed and asked the Directors for comments or suggestions. He commented that various approaches could be undertaken, perhaps a first-year membership fee. However, this might very well be unfair to the regular member paying the full rate. Also, the costs of servicing new memberships is about \$200.

In response to Mr. Lilligren's question as to what initial price is suggested by the New England Section, Mr. Snow replied that this has not been decided. However, New England has many small companies with only three or four machines who just cannot afford to join SPI but would certainly benefit from our publications and from participation.

Mr. Hutchings suggested a statistical look at the potential for a \$100 fee vs. the loss in revenue from those presently paying \$200 who would obviously drop back to the \$100 category.

Mr. Michel mentioned the possibility of bringing in new members with a first-time fee for the first year of \$100 so that they might evaluate SPI's benefits. Mr. Hutchings stated that unfortunately the first year never reaps the maximum benefits due to just getting acquainted.

Mr. High proposed a canvass of the entire United States to determine all of the people who should be approached for membership. "We probably do not have one-third of the people in the Society which we should have. Following this, we can look at a new dues structure, a new approach for membership, membership conferences, etc."

The Standing Committee on Organization, commented Mr. Cole, has already asked Mr. Harding to prepare a brief description of the industry and perhaps this could include a preliminary census of the plastics companies. This should be included in the job of the Standing Committee on Organization.

Mr. Harding pointed out that we have a prospect list of 3600 companies presently and have been using this list with mailings to create interest. However, this area is not a mailing-list job; it should be a first-person contact.

Mr. Singleton stated that all of these various suggestions will be reviewed and taken under consideration at the time the dues schedule is revised.

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WESTERN SECTION: Mr. Robert Lilligren, Chairman, reported as follows:

" 1. NORTHERN CALIFORNIA CHAPTER

- A. The Northern California Chapter has held the following meetings since my report at the last Board meeting:
 - 1) March 12: 'Controls and Plastic Processing'
 - 2) April 9: Northern California Centennial Dinner
- B. Plastics One-Hundred Centennial Dinner
 - 1) Mr. Ralph Harding, Jr., Executive Vice President of SPI, spoke on the subject of 'Plastics-Keystone of the Future'
- C. Mr. Leland A. Doan commented briefly on the importance of the Plastics Industry in the West. There were 176 in attendance including some 50 educators and their wives.
- D. Mayor Joseph Alito proclaimed April 9, 1968 as launch date in San Francisco of the National Centennial Year of Plastics Progress.
- E. Miss Dadigan was in attendance at the dinner and made several TV and radio appearances in addition to meeting with heads of both the business and fashion world.
- F. The dinner received very fine press coverage in San Francisco, Oakland, and San Jose and other principal Bay areas.
- G. The Chapter is continuing to work in stimulating schools to start new plastics programs in the Bay area.
- H. The San Francisco State College design and Industry department is co-sponsoring with SPI and the Northern California CIEA a plastics workshop to be held May 4 following the Western Section Conference.
- I. The Northern California Chapter has selected a nominating committee to be headed by Fred Rea.
- J. On June 7, the Northern California Chapter plans a golf outing at the Menlo Country Club.

" 2. SOUTHERN CALIFORNIA CHAPTER

- A. The Southern California Chapter held the following meetings since the previous Board review:
 - 1) March 21: 'Challenge of Agriculture'
 - 2) April 18: 'New Markets for Non-Reinforced Polyesters'
- B. Southern California Chapter elected the following officers for the year June 1, 1968 through May 31, 1969:
 - 1) George Huisman, Huisman & Associates - President & Director
 - 2) Robert Bloom, Industrial Molding Corp. - Vice President & Director
 - 3) Charles Leighton, C & G Plastics - Secretary & Director
 - 4) Jack Hofstetter, Purex Corporation - Treasurer & Director
 - 5) Robert Gamm, Rexall Chemical
Edwin Bushman, U.S.S. Chemical - Processors' Reps & Directors
 - 6) Stan F. Peters, Amoco (Brand Plastics) - Material Suppliers'
Rep & Director
 - 7) J. Robert Jones, Silmar Chemical Company - Membership Chairman
and Director
 - 8) Elmer Meyer, Meyer Plastics - Technical Rep & Director
 - 9) Leroy Hughes - Immediate Past President
- C. CIEA Convention
The Southern California Chapter placed a 15 x 30 foot booth at the 39th Annual Convention of the California Industrial Education Association held March 8-9 in Ventura, California.

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- D. Over 1500 educators visited the SPI booth. The booth contained parts of various moldings and extrusions. Samples of resin were available for inspection. A small molding machine was in operation producing a key chain as a souvenir with the CIEA emblem.
- E. In addition to the booth, there were three seminars on Plastics Education that were given on Thursday and Friday:
- 1) 'The Plastics Industry'
 - 2) 'Plastics Demonstration - Thermo Forming by Vacuum and Free Blow; Plastisol Mandrel Casting'
 - 3) 'Plastics in the Junior High School'
- F. At the Epsilon Pi Tau breakfast, Mr. Fred Rea spoke on the topic of 'The Next Ten Seconds.' The breakfast was attended by some 700 people.

" 3. DIVISIONS

A. Custom Molders

- 1) The apprenticeship program for plastic molding technicians is being surveyed by an SPI new staff representative and the apprenticeship counselor that are visiting all companies having apprenticeship programs to assure that the program is being followed as prescribed. In addition, plans are being made to obtain an instructor for this course when it reopens in the Fall. It is felt that with closer follow up, the program will be more active during the coming year.
- 2) The nominating committee headed by Mr. P. Henderson is currently selecting new chapter officers for the year 1968 through 1970.

B. Fluorocarbons

There has been no activity in this Chapter during the past quarter.

C. Mold Makers Division

- 1) The Chapter held a meeting on April 11 that included panelists representing four companies discussing the subject 'An Evening of Thermosets.' There were 43 in attendance.
- 2) The Mold Makers Chapter Apprenticeship Committee prepared a letter which was mailed to all Mold Maker employers and included a brochure titled 'Introduction to the Apprenticeship Program in the Plastics Industry.' This brochure contained information on the format for the Plastics Industry Apprenticeship Program.
- 3) The Mold Makers Association recently presented the SPI Western Section Mold Makers Chapter with a check for \$708.80 with the proviso that the money be used to improve Mold Maker apprenticeship training in Southern California.
- 4) Mold Makers Chapter presented a seminar at the Western Section Conference titled 'Templectroform.'

D. Plastics for Tooling

- 1) The Second Annual Plastics for Tooling seminar was held March 30 at San Diego State College.
- 2) There were 216 in attendance at the seminar including 123 industry personnel, 43 teachers and 30 students, in addition to 10 speakers and 10 guests.
- 3) There were concurrent sessions both morning and afternoon of a beginners session and an advanced session.

- 4) The principal luncheon speaker was Mr. Joseph Fenne, Vice President, Engineering, Rohr Corporation. He spoke on 'Aerospace Structures for Tomorrow.'
 - 5) Late afternoon workshops were held for beginners where they cast resins and made tooling parts themselves. There were some 75 to 100 in attendance at this workshop session. A consultants roundtable workshop was held for those wishing to discuss more advanced aspects of Plastic for Tooling.
 - 6) Also, an exhibit showing samples of Plastic for Tooling parts was held concurrent with the seminar.
 - a) The nominating committee is selecting Chapter officers for the year 1968-1970.
- E. Reinforced/Composites Plastics Division
- 1) The Chapter held a meeting February 27 on the subject 'Water Transportation - Multi-billion Market for Reinforced Composites.' Mr. Harold G. Arther, Chief Design Engineer, U. S. Bureau of Reclamation, Denver, Colorado, was the speaker. There were 85 in attendance.
 - 2) The Western Section Chapter expresses its appreciation to the National Reinforced Plastics Policy Committee for their holding their recent meeting in San Francisco concurrent with the Western Section Conference.
 - 3) The Chapter is currently making plans for a special meeting to illustrate the relationship between the Aircraft industry and Reinforced Plastic Composite industry, with an attempt to illustrate the birth and growth of the Reinforced Plastic Composite industry. This meeting will be scheduled for October 22 and held at the Elks Club in Long Beach, with an exhibit at the Long Beach Airport hanger.
 - 4) The Chapter plans to have the October meeting on a joint sponsorship with the American Institute of Aeronautics and Astronautics.
- F. Plastic Pipe Institute
- 1) The Plastic Pipe Institute held a meeting in Palm Springs at the El Mirador Hotel. The following officers will serve for the 1968 to 1970 year:
 Allyn E. Webb, Chairman - Cabon Piping Systems, Santa Ana
 Donald Eshelman, Vice Chairman - Western Plastics Corporation, Tacoma, Washington
 N. G. Grengs, Secretary-Treasurer - R&G Sloane, Manufacturing Division, Atlantic Research Corporation, Sun Valley
 Ned Garvin, Code Co-Chairman - B.F. Goodrich, Los Angeles
 Ben Schiewe, Code Co-Chairman - Uniroyal Chemical, Division of Uniroyal Inc., City of Commerce
 Sid Aitkin, Education - R&G Sloan, Manufacturing Division, Atlantic Research Corporation, Sun Valley
 C. L. Wixon, Public Relations - A B & I, Newark
 - 2) The Plastics Pipe Institute plans a Western Section meeting for June 25 in San Francisco. This date is concurrent with ASTM meetings being held in that city.
 - 3) The regional code field assignments have been changed. Mr. Anson Bowling continues to work out of the Los Angeles office and has the responsibility for California, Arizona, Mexico and Utah. Mr. Bill Smith is now located in Seattle, Washington and has the responsibility for the Pacific Northwest and all north western states going east to Colorado.

" 4. COMMITTEES

A. Education Committee

- 1) The Western Section Education Committee believes it is important to have more dialogue between the Education community and the industry. In this regard, we have recently begun a program to encourage attendance at seminars and technical meetings and conferences of educators. In addition, we are making a special effort to appear before the major educational organizations on their conference programs. A breakdown on attendance by educators, with SPI as sponsors, is as follows:

March 8-9

- Visits by educators to SPI's Southern California Chapter booth. Over 1500 in attendance.
- The Society of the Plastics Industry, Southern California Chapter. Visits to three plastics plants. 75 attendees.
- Epsilon Pi Tau Breakfast - over 500 in attendance
- Plastics Institute - 60 in attendance
- Plastics in the Junior High School - 40 in attendance
- Plastics Demonstration - Thermo Forming by Vacuum and Free Blow; Plastisol Mandrel Casting - over 200 attendees

March 30

- San Diego State College, SPI Plastics for Tooling Workshop. 43 teachers and 30 students in attendance

April 9

- Northern California Centennial Dinner. 48 educators and wives in attendance

May 1-3

- SPI Western Section Conference. 33 educators in attendance including educators from 8 colleges and 18 city school systems.

May 4

- San Francisco State College Seminar. 55 teachers and students in attendance.

- 2) San Francisco State College Workshop

Under the direction of Bob Krollick, instructor, a one-day workshop was held demonstrating five production processing techniques. A film was shown along with three speakers from the Education Community.

- 3) Summer Employment

Western Section office is coordinating programs for Northern and Southern California for the hiring of Industrial Arts and vocational instructors for summer employment in the plastics industry. These teachers work on production jobs and are paid a similar wage, in most cases, to the regular production workers. We anticipate that some 30 to 40 teachers will be interviewed for this summer employment. In addition, we plan to have a group meeting of these teachers once or twice during the summer to exchange experiences they have received in the plants as well as discuss the implementation of plastics courses at both the Junior and Senior High School levels.

- 4) Meeting Notices

We are currently developing a list of all educators at the Junior High, Senior High, Junior College and University levels who are involved in Plastics programs. We plan to add a certain number of these individuals to our mailing list for receiving notices of SPI Chapter and Division meetings.

- 5) The Education Chairman and Secretary of the Western Section Southern California Chapter are working with a selective committee of the CIEA to study the ramifications of Plastics courses and programs as they relate to High School courses. We plan to have several suggested model programs based on the need and availability of funds through the Education community.

B. Public Relations Committee

- 1) The Public Relations Committee has been concentrating their activities supporting the Plastics One-Hundred Centennial dinner held in San Francisco on April 9, and assisted with the arrangements for the talk given to the Portland Chamber of Commerce by Leland Doan, Western Section Centennial Chairman.
- 2) Public Relations Committee assisted the D-A-Y representatives in securing props and information which was used by the Plastics Princess during her Los Angeles, San Francisco and Portland visits.
- 3) The Committee continues its work on its project to more specifically define the major Plastics markets in the West. It is planned that this will be concluded near the end of the year and will serve as a year-end report on the status of the Plastics Industry in the Western States to both the industry membership and to the press.

C. Traffic Committee

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

" 5. OTHER ACTIVITIES

A. Workman's Compensation Program

- 1) Workman's Compensation Program currently has 51 companies enrolled with an estimated annual premium of approximately \$387,700.
- 2) On May 1, dividend checks were issued to 19 companies in the amount of \$13,378.70. This dividend represented only a part of a year because of the enrollment dates of the companies in the program. However, it is significant to note that even this portion, in most cases, would be sufficient to pay the company's SPI membership dues and still provide additional money for the company.
- 3) We can reasonably predict that 1967 dividend will be greater than the 1966 dividend of 23.5%.

B. Western Section Conference

- 1) The Western Section Conference held May 1-3 in San Francisco was most successful. The total registration of men was 954. This included 130 complimentary government, military and education personnel. The total number in attendance at the conference was 1,234.
- 2) The technical program was extremely well attended and a number of the technical sessions had standing room only, and had to turn away attendees for lack of space.
- 3) The technical program represented a departure from past programs in that this year the emphasis was on major market areas of the plastics industry in the West. Full morning or afternoon papers were presented on the selected subjects.
- 4) A follow-up questionnaire has been sent to all speakers and program managers with a view to improving next year's program. We also plan to send a questionnaire to the registrants.
- 5) While all bills have not yet been received, it appears that the conference will be financially solvent.

C. New Staff Personnel

- 1) Mr. Gary Godbey has been hired as a field staff representative for the Western Section office. He has gone through an orientation period and is now functioning with specific responsibilities which

include serving as secretary to three division companies -- Mold Makers, Plastics for Tooling, and Fluorocarbons. He is also coordinating the work of two apprenticeship committees. The main emphasis of his work is in contacting new companies regarding SPI membership and maintaining liaison with existing companies.

" 6. WESTERN SECTION MEMBERSHIP REPORT

A. New Company Memberships:

- 1) Mr. D. W. Baumbach, Baumbach Engineering Co., Mountain View
- 2) Mr. Bing Copeland, Bing Surfboards, Hermosa Beach
- 3) Mr. Edward Fleming, Cal-Mold, Inc., Pomona
- 4) Mr. William C. Holmes, Filt-Aire Corporation, Hollister
- 5) Mr. Charles K. Pasterian, Jr., Flexipac, Inc., Santa Ana
- 6) Mr. Gomer S. Frank, Industrial Specialties, Van Nuys
- 7) Mr. A. R. Parsons, Parsons Manufacturing Corp., Menlo Park
- 8) Mr. Raymond D. Kolasinski, Poly-Flax Films, Inc., Santa Ana
- 9) Mr. A. N. Sammitroth, Delkay, Inglewood
- 10) Mr. Frank M. Warlick, Engineering & Technology, Inc., Salt Lake City
- 11) Mr. C. Wally Wallace, Medical Plastics, Burbank
- 12) Mr. Don H. Holm, Plastic Molded Products, Downey

B.. Company Resignations

- 1) Anglo-American, Santa Ana "

Mr. Lilligren ended his report stating that eventually there will be many students enthused about entering the plastics industry. Therefore, our industry has a vital responsibility in assuring sufficient job opportunities for these students upon completion of their courses.

STANDING COMMITTEE ON ORGANIZATION: Chairman Roger G. Richards
reported as follows:

"This is a brief progress report on the activities of the Standing Committee on Organization, although the brevity of this report is in no way proportionate with the amount of time which has been devoted to the subject. As you know, the members of the Committee include Bill Cole, Les Gigax, George Ingle, Clarence Neher, Ralph Harding and myself.

"We have six tasks, which are as follows:

1. Develop objectives for your Society
2. Examine the existing organization -- committees and divisions
3. Re-examine the organization of the Board
4. Review SPI's Bylaws
5. Develop an implementation plan
6. Submit to you for your approval

"After considerable discussion, we have agreed on the following very brief re-statement of the Society's basic purpose:

THE PURPOSE OF THIS SOCIETY IS

THE RESPONSIBLE ADVANCEMENT OF
THE PLASTICS INDUSTRY

"From this simple statement, three supporting objectives evolve for your Society:

- .. Function as the communications center for the discussion and resolution of matters of mutual interest within the industry.
- .. Provide an interface between the plastics industry and all other segments of society as a whole.
- .. Mobilize and finance voluntary, staff, and professional expertise and resources.

"You might be interested in hearing the original charter set up some years ago -- 'This Society is formed for the purpose of assembling and disseminating scientific, engineering, and general informative data on plastics; to cooperate with the military and allied departments of the United States and Canadian Governments in the furtherance of their plastics projects; to act as an authoritative central forum for its member companies, and to promote actively and advance the application and use of plastics through greater public acceptance and favorable recognition of plastics products.' It is apparent this statement of purpose no longer is entirely pertinent.

"The next phase the Committee is undertaking is the organizational study. If one examines our Society, there are several dimensions which must be taken into account:

Material
Process
'Hardware'
Product
Geographical
Market, as well as
services and functions

"The problem the Committee faces is the development of a simple organizational structure that will permit us to relate all these elements and dimensions.

"This is what the Committee will be concentrating on in the next few months."

Following Mr. Richard's report, Mr. Cole stated that the purpose and objectives are "working" phrases and not necessarily the final product, and should be so considered.

ADVISORY COUNCIL: Chairman Harry M. Jenkins reported as follows:

"At the last Board meeting, the Directors specifically requested that the Advisory Council consider the problem of plastics and solid waste disposal. In his capacity of staff advisor on disposability, Tom McGrath spoke at our last meeting, held in New York on May 14th.

"The problem of disposability is a political and technical problem which will ultimately be resolved by some invention or gadget in the future. However, for the present, this will be mainly a political problem for SPI, a problem of public relations and public image. The Advisory Council has come up with a conclusion that SPI should take an active position on this problem and attempt, over a period of the next few years, to exert some leadership in providing a solution to the problem, even though we are not yet one of the major factors in solid waste.

"The Advisory Council, therefore, recommends that the Board of Directors appoint a high-level technical committee to coordinate the Society's responsibilities and activities relating to the disposal of plastics. "

Mr. Michel mentioned that in addition to the eight recommendations included in Tom McGrath's report (attached) SPI should come up with a positive publicity program on disposability. He stated that Burson-Marsteller, in working with SPI's Bottle Division, has offered such a proposal for that Division.

Mr. Singleton added that everyone can help in this matter by letting it be known that we are accepting this challenge. We want to take the lead ourselves and have this as an industry front rather than as a company front. The Battelle Report on "The Role of Plastics in Solid Waste" was sent to all SPI voting representatives, Mr. Harding stated, but many people are still unaware of its existence.

Mr. Cole indicated, in connection with the proposed committee, that this problem encompasses more than plastics: "Is SPI to provide the nucleus for an ultimate committee to handle the entire situation, rather than just plastics?"

Mr. Singleton replied that the original recommendation had been that this be an ad hoc committee but that the Advisory Council strongly believes it should be a standing committee, not just a 'quick treatment' of the problem.

Mr. Cole further commented that we should do everything possible to marshall the resources of our individual companies to solve this problem, as well as trying to solve it on a committee basis. Therefore, we should prepare something to challenge individuals in the industry to develop a solution. Mr. Singleton summarized two topics discussed by Mr. Robert Mueller of Monsanto at the Advisory Council's meeting: find the ultimate answer, and in the interim, glamorize every plausible opportunity to control the problem. This possibly could stimulate others to find an even better solution. We should perhaps issue a "white paper" summarizing the source data which is available, summarizing our position, and stating that we are challenging the industry to do something about this problem and to support everything in that direction.

Mr. Shaw made the following motion, which was seconded by Mr. Michel and received the unanimous approval of the Board:

The Executive Committee is to appoint a high-level technical committee to coordinate the Society's responsibilities and activities relating to the disposal of plastics. The committee should be composed of people with national stature, those who have a reputation in this field and who are presently working in this field.

The Board made mention that it might be necessary to go outside of the SPI membership to obtain such persons to serve on the committee.

PLASTICS IN SOLID WASTE

A Recommended Program

For

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

A Summary Report

PURPOSE

To investigate plastics in solid waste, and recommend a program for the Society to follow.

METHOD OF INVESTIGATION

- 1) A review of the Battelle Memorial Institute report, Role of Plastics in Solid Waste.
- 2) A literary search of publications.
- 3) A visit with the Office of Solid Waste.
- 4) A visit with the Midwest Research Institute.
- 5) Discussion with Mr. George Ingle, Monsanto Co., Mr. Frederic Kaufman, Jr., Sinclair Koppers Co., Mr. G. Abrams, Glass Container Manufacturers Institute and Mr. Walerian Ashens, New York City Department of Sanitation.
- 6) Attendance at the hearing conducted by Congressman Daddario's House Science and Astronautics Subcommittee on Science, Research and Development.

SUMMARY AND CONCLUSIONS

The two institutions who have investigated plastics in solid waste have issued reports. The Battelle report has been used. However, the Midwest Research Institute report, a 400 page report in draft form, The Role of Packaging in Solid Waste - 1956-1976, has not been made public. This study was commissioned by the Office of Solid Waste. Fortunately, a copy has been obtained and a summary will be prepared. It should be mentioned that the Midwest Research Institute report lists five possible "solutions." One of them is taxing non-returnable packaging and/or placing a tax on packaging which is not easily disposable. This area is discussed in more detail in the report.

The literary search and the interviews confirm what was reported by the Battelle Institute. The quantity of plastics in solid waste is low, between 1.5 to 2% of the total. Also, in the entire field of environment comparatively little has been written, but this is changing at a rapid rate.

From some sources, there is increasing pressure for the Federal Government to take more direct action. It appears that this pressure will increase for the government to "do something."

It appears that should the government move in this area, even though plastics are a small amount of the total waste, plastics will be considered on an equal basis and could be treated more harshly than other materials.

The Midwest Research Institute commented that packaging per se, offers no health problems, with the exception of P.V.C. bottles and items produced from P.V.C.

RECOMMENDATIONS

- 1) An ad hoc committee should be established which will concern itself with the disposal of plastic. It appears that the functions of the committee would be technical. During the investigation the questions most asked were technical. Information was requested on the incineration of plastics

There is a great amount of interest in the affects which the burning of plastics may have on the incineration equipment.

In conversations with the Office of Solid Waste personnel, they indicated that they did not favor incineration as they considered this method wasteful. If it appears that the problems, as we now know them, caused by the incineration of plastics will be overcome, how could this information be best utilized?

These are some areas the committee could consider. The Office of Solid Waste would like to see an industry approach and it appears they would look favorably upon the committee's work.

- 2) Liaison should be established with the Incineration Institute and other organizations in the field.
- 3) Subscriptions should be taken for the magazines listed in the main report, and additional publications if they would prove helpful.
- 4) Purchase the film "The 3rd Pollution." The film can be offered gratis to member companies for showing.
- 5) The industry should adopt an information program for both members and municipalities, to keep them better informed. To help offset the pressure on the Federal government to "do something", the plastics industry should show that we are taking positive steps to help alleviate the waste disposal problem.
- 6) SPI should consider the possible areas where research grants and/or demonstration contracts be obtained from the Office of Solid Waste.
- 7) A formal reply can now be made to Midwest Research Institute. They have requested our comments.
- 8) Our members must recognize the importance to be attached to waste disposal. The mood which was prevalent in Washington D.C., at the Daddario Subcommittee on Science and Astronautics, which is considering legislation on the whole field of environment, is reflected in the attached comments sent to us by the Brewers Association.

OTHER BUSINESS

- A. AUTOMOTIVE: Nothing to report.

- B. ISO/TC 61: Mr. George Ingle submitted the following report to the Board:

"At the February meeting of the Board, I reported on the accomplishment of this group at the October 1967 meeting at Utrecht, Holland. At the time, I referred to the responsibility of the U.S.A. delegation in hosting the 1968 meeting at Philadelphia. This opportunity comes to us roughly once every ten years. The costs of such a meeting are being carefully analyzed and controlled in planning for the 1968 meeting. Our budget is as modest as possible, consistent with the fact that the U.S.A. holds the Secretariat for this International Committee.

"It is hoped that no appeal will have to be made to SPI above and beyond its normal support of this activity. This support comprises roughly \$15,000 per year toward the bulk of the costs of the Secretariat operations performed by UEASI; in addition, they include the time and travel costs of our secretary, Mr. Charles L. Condit, Senior Staff Advisor. The possibility remains, however, that an appeal for an additional contribution of perhaps \$1,000 may be necessary as the planning of this important meeting proceeds. Further information on the necessity, if any, of additional financial support will be made available to you."

- C. Film: THE THIRD POLLUTION

This film was shown to the Directors prior to the report of the Advisory Council activities.

- D. PLASTICS IN FURNITURE: Submitted for H. W. Pattison, Chairman.

This group has met twice, once in March and once in April. Three projects are on our current agenda. These are the development of a list of practical tests which may be applied by furniture manufacturers to plastic parts; the sponsorship of an SPI information theatre at the International Woodworking Machinery and Furniture

Supply Fair in Louisville, Kentucky in September 1968; and, the development of a session on furniture for the coming National Plastics Conference.

This group also has under consideration the possibility of other activities such as directories, statistical studies, and other means of increasing the acceptance and use of plastics in furniture. Because of the considerable interest in these matters, we hereby request formal recognition by the Board of Directors as an official body within SPI.

Officers were elected at our last meeting, including H. W. Pattison, Vistron Corp., Chairman; and, Robert Chickey, Southeastern Injection Molding Co., Vice Chairman. At the present time, our membership is composed of Allied Chemical; Cosden Oil and Chemical; The Dow Chemical Co.; Enjay Chemical; Foster Grant; Kusan Inc.; Marbon Chemical; Monsanto Company; Rexall Drug and Chemical Co.; Shell Chemical; Sinclair-Koppers; Southeastern Injection Molding; Union Carbide; and Vistron.

President Singleton stated that, upon review of the finalized Bylaws, this new group is welcome, and we encourage them and hope they will improve our stature nationally.

- E. RALPH NADAR has discovered automobile fabrics and is in the public press on the flammability of car interiors. However, several of our groups are paying close attention to this.
- F. PLASTICS NIGHT STICKS: In connection with the recent disturbances in our various cities, we have requests from several police organizations for the development of a reinforced plastics night stick. We are looking into this situation, which could develop into a major new market for our industry.
- G. MEAT TRAYS: We finally have a law proposed in the State of New York which will negate the New York City approval of clear-plastic, see-through meat trays. The law is in committee; the legislature is undoubtedly going to adjourn before the law reaches the floor.

This kind of situation is a constant concern to SPI. Please do not assume the staff automatically learns of these developments but rather please drop the staff a note "do you know about....".

- H. There are many things going on in the area of Operating Plant Safety -- OCCUPATIONAL HEALTH AND SAFETY ACT OF 1968. The Safety Committee is paying attention to this; working closely in this area will certainly be one of the major functions of our new Safety Consultant and Safety Engineer.

- I. POLYETHYLENE REFUSE BAG COMMITTEE: Mr. Warren Hopkins, Chairman.

The work of this committee continues to move at a very rapid pace.

Since its initial meeting on October 31, 1967, a task force operating under the direction of Mr. Al Silverman of Pliscoe Manufacturing Company has put together a recommended specification, received proposals for a public relations campaign and has recommended that The National Sanitation Foundation be used as the testing agency.

At a full committee meeting, held in April, the recommended specifications were approved. The National Sanitation Foundation was also approved as the testing agency.

A public relations subcommittee was established to define objectives and recommend ways to implement the objectives.

The subcommittee has held one meeting and will meet again in June.

Interest in the workings of this committee continues to grow, and we now have 17 active companies as members.

Warren Hopkins of Mobil Chemical Company was selected to act as Chairman. The next plenary session will be held after the public relations subcommittee completes its work.

- J. The HIRING OF MINORITY GROUPS was commented upon by Mr. Hoffer, i.e. "JOBS" or Alliance of Businessmen, which are both very good programs. "Each of us must become involved in our own localities" Mr. Hoffer stated, and "our industry should take some position on this problem. The total effect would be very meaningful."

Mr. Singleton asked for a "show of hands" of those Directors already taking advantage of these programs, and a majority have done so.

The Executive Committee will gather background data on these programs, and Mr. Babcock recommended a communication to the industry, stating we would be pleased to supply additional information upon request.

Mr. Shaw suggested we should make the industry aware of these programs but not necessarily sponsor them specifically by SPI.

- K. The FORMAT OF THE DIRECTORS MEETING was briefly discussed. At this May meeting, a new procedure was implemented in that each Director received a notebook at the start of the meeting which contained a copy of each Committee and Division report, as well as the financial data, etc.

The Directors stated that this procedure was extremely beneficial and should be continued. Mention was made that, whenever possible, the reports should be sent to the Directors in advance of the meeting, enabling study of same prior to the meeting. This will be attempted in the future.

At the suggestion of Mr. Lillgren, the sequence of Division, Committee, and Section reports will be reversed at the August Board meeting.

- L. Mr. Harding reported on the dates and locations of FUTURE BOARD MEETINGS. (This information has been included in the transmittal letter accompanying these Minutes.)

There being no further business, the meeting adjourned at 12 noon on Friday, May 17, 1968.

Respectfully submitted,

Edith Dodge Hewitz
Secretary to the Board of Directors

SP

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May 15-17, 1968

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
250 PARK AVENUE • NEW YORK, NEW YORK 10017 • 212/687-2675

MINUTES
SPI ANNUAL MEETING

The Homestead
Hot Springs, Virginia

Friday
May 17, 1968

President Philip A. Singleton convened the meeting at 11:00 a.m.

1. MINUTES OF PREVIOUS MEETING: Upon a motion duly made, seconded and passed, the Minutes of the previous meeting were approved.
2. FINANCIAL REPORT AND 1968-1969 PROPOSED BUDGET: Mr. Michel moved that the Balance Sheet and Operating Statement of the Society and the 1968 - 1969 Proposed Budget for the ensuing fiscal year be approved as submitted at the Board of Directors meeting, May 15-17, 1968. The motion was unanimously passed.
3. APPOINTMENT OF AUDITORS: As discussed at the Board of Directors meeting, upon the motion by Mr. Babcock and second by Mr. Prendergast, the Directors unanimously approved Arthur Young & Company as auditors of the Society.
4. ELECTION OF DIRECTORS: The Nominating Committee, consisting of Messrs. R. H. Cornwell, H. Gooch, J. J. O'Connell, S. H. Shaw, and M. G. Sherwood, has met and prepared a slate for election by mail ballot.

Mr. R. E. Griffith, as Chairman of the Tellers Committee comprised of Messrs. W. J. Vogel, D. J. Pellicano, and R. E. Griffith, reported as follows: there was a total of 508 ballots received, and all were voted as straight ballots.

As a result, President Singleton declared the directors as listed on the official ballot were duly and properly elected. On behalf of the Society, Mr. Singleton expressed appreciation to all outgoing directors who have contributed greatly to our industry.

5. AMENDMENT TO THE SPI BYLAWS: Mr. Griffith reported that a total of 708 statements had been received with the following result: 703 in favor of the amendment as stated on the ballot, 5 against. Therefore, the Bylaws will be so amended.

There being no further business, Mr. Snow moved to adjourn the Annual Meeting. This was seconded by Mr. Hutchings, and unanimously passed. The meeting adjourned at 11:20 a.m.

Respectfully submitted,

Judith D. Gewirtz
Secretary to the Board of Directors

PLASTICS
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1868-1968
YEARS OF THE FUTURE

SPI-25815