

ENERGY & TECHNICAL ACTIVITIES/CHAPTER PROGRAM ACTIVITIES

(This section is divided into two parts: (1) Energy & Technical Activities, and (2) Chapter Program Activities. Each part has its own point system. The Energy & Technical Activities Regional Vice Chairmen will be reporting points for both parts.)

1. ENERGY & TECHNICAL ACTIVITIES

PAR = 300 points
 MAXIMUM = See each activity
 MINIMUM = 150 Points

ASHRAE's social responsibility is emphasized by promoting energy efficient designs through the Technology Awards program, participating in the Government Affairs Awards Program and encouraging outreach to government, business and professional groups. All governmental appointments as a technical resource in ASHRAE's field will be recognized, as will technical presentations to outside groups, expert testimony and liaison with government officials.

Participation by members in advancing ASHRAE technology and improving the quality of technical publications is emphasized. Recognition is given both for publishing peer-reviewed technical articles and for contributions to the peer-review process.

The point scores for these technical support activities are:

<u>ACTIVITY</u>	<u>POINTS DETERMINATION</u>	<u>POINTS</u>	<u>MAXIMUM</u>
Technology Awards	a) Each technology category with an entry into chapter competition	50	200
	b) Each chapter entry into regional competition	50	250
	c) Regional Award 1st Place	60	300
	d) Society Award 1st Place 100 2nd Place 70 3rd Place 50		
Government Affairs Awards	e) ASHRAE Award of Engineering Excellence	200	200
	a) Each chapter entry into regional competition	50	50
	b) Regional Award - 1st Place	60	60
	c) Society Award 1st Place 100 2nd Place 70 3rd Place 50		

ACTIVITY

POINTS DETERMINATION

POINTS

MAXIMUM

Chapter Outreach Activities

- a) Each presentation on HVAC technology to a professional or business group ¹
- b) Each expert testimony or prepared statement to a legislative group
- c) Each appointment to a government advisory Board, council or committee
- d) Each liaison with a state, provincial or local government official. ²
- a) Each technical paper reviewed with comments submitted
- b) Each Handbook Chapter reviewed with comments submitted (other than Refrigeration)
- c) Each article published in an ASHRAE technical publication (except Insights) (other than Refrigeration)

Chapter Technical Activities

¹ Professional or business groups are defined as ten (10) or more individuals.

² Chapter liaison is defined as an individual assigned to represent chapter as liaison to a specific group during the year.

2. CHAPTER PROGRAM ACTIVITIES

PAR = 300 points

MAXIMUM = See each activity

MINIMUM = 150 points

Chapter programs are emphasized because they are a primary means for technology transfer to the membership. Quality programs of relevant technical interest, planned and publicized in advance, attract members to chapter meetings and strengthen ASHRAE's image in the community.

Recognition is given to chapters who assess program quality on an ongoing basis, based on feedback from attendees. Recognition is given also for advanced planning of programs and the use of Society-prepared programs.

ACTIVITY	POINTS DETERMINATION	POINTS	MAXIMUM
Technical Content			
	a. Each hour of a chapter technical session ¹	25	100
	b. Each three-hour Technical Seminar (other than Refrigeration)	100	300
	c. Each use of a Society-prepared program at a chapter meeting	25	100
Quality ²	a. Each rated presentation	20	300
Planning ³	a. All topics for future meetings identified and communicated to members	100	100
	b. Future speakers identified; each speaker	10	200

¹ Full technical session

² Applies to both Technical Sessions and main programs. A rated presentation is defined as one for which written feedback is obtained from at least 10% of the attendees. The written feedback must be submitted to the ETA Regional Vice Chairman.

³ Applies to both Technical Sessions and main programs for chapter monthly meetings. Program planning must cover the monthly meeting period from September 1, 1991, through August 31, 1992. The planning for the 12-month period must be completed and submitted by December 1, 1991.

ACTIVITY	POINTS DETERMINATION	POINTS	MAXIMUM
Scholarships:			
	a) Student Scholarships Awards Conferred (see formula) ⁽⁶⁾		
	b) Society Scholarship Award Contribution (See formula) ⁽⁷⁾		
Historical	Receipt of Society Gold Ribbon Awards	100	
Student Night	Each chapter student night	25	50
National Engineers Week Participation			
	a) Radio/TV public service announcements	25	100
	b) Proclamation (city, county, state)	10	30
	c) Newspaper advertisements/articles	10	50

a) Student Scholarships Awards Conferred (see formula)⁽⁶⁾
b) Society Scholarship Award Contribution (See formula)⁽⁷⁾

Receipt of Society Gold Ribbon Awards

Each chapter student night

a) Radio/TV public service announcements

b) Proclamation (city, county, state)

c) Newspaper advertisements/articles

(6)

$$P_s = 50 \sqrt{\frac{D}{200} + N}$$

Where: D = Total dollars of all scholarships
N = The number of scholarships given

(7)

$$P_{SSA} = \left(\frac{C1}{10} \right)$$

Where: $\frac{P_{SSA}}{C1}$ = Points for Society Scholarship Award
= Total dollars contributed

(The contributions to the Society Scholarship Award will receive 10 points per \$100 contributed.)

REFRIGERATION

PAR = 300 points
 MAXIMUM = See each activity
 MINIMUM = 150 points

One of ASHRAE's goals is to emphasize refrigeration as a fundamental technology of our Society. This PAOE category is intended to encourage chapter activities in education, technology advancement and outreach to outside organizations on refrigeration-related subjects. To qualify for credit in this category, an activity must address refrigeration fundamentals, equipment or systems. Refrigeration applications (except those related to human comfort) also qualify for credit.

The point scores for Refrigeration activities are as follows:

<u>ACTIVITY</u>	<u>POINTS DETERMINATION</u>	<u>POINTS</u>	<u>MAXIMUM</u>
Student Faculty Liaison	Each active liaison	25	100
Student Awards	a) Each competition held	25	50
	b) Each submission to Society competition	25	50
Career Guidance	a) Each contact ³	10	100
	b) Teach-ins per class ⁴	25	100
	c) Engineers for a Day Program or Tours ⁵	25	100
ASHRAE-Produced PDS and/or Correspondence Courses	a) 0.1-1.9% of assigned members	100	
	b) 2.0 - 3.9% of assigned members	150	
	c) 4.0% & over members	200	
Non-ASHRAE-Produced Programs	a) 0.1-1.9% of assigned members	50	
	b) 2.0-3.9% of assigned members	75	
	c) 4.0% & over members	100	

- ³ This is intended to be a one-on-one contact. In the event that a presentation is made to a group, a maximum of 30 points per group is allowed.
- ⁴ Engineers speak to classes about engineering technology.
- ⁵ Students tour industrial facilities and engineering firms or work side-by-side with engineers.

<u>ACTIVITY</u>	<u>POINTS DETERMINATION</u>	<u>POINTS</u>	<u>MAXIMUM</u>
Chapter Technical Session	Each Refrigeration subject session hour ¹	50	200
	a) Each program featuring Refrigeration technology	100	400
Chapter Programs	b) Each Refrigeration program for a student branch	50	150
	c) Each joint meeting with another refrigeration society	50	150
	Each 3 hour session ²	100	300
Chapter Refrigeration Seminars	Each new member with prime interest in refrigeration	10	100
	a) 0.1-1.9% of assigned members	100	
	b) 2.0-3.9% of assigned members	150	
ASHRAE PDS - Refrigeration	c) 4.0% and over	200	
	a) 0.1-1.9% of assigned members	50	
	b) 2.0-3.9% of assigned members	75	
Non-ASHRAE Refrigeration Programs	c) 4.0% & over members	100	
	Each Refrigeration Handbook chapter reviewed with comments submitted	100	400
	TC/TG (Refrigeration)	Each member recruited for a Refrigeration Technical Committee or Task Group ³	50
Published Articles	Each refrigeration-related article published in an ASHRAE technical publication (except Insights)	50	150
	Each refrigeration-related presentation	50	150
Presentations to Outside Organizations			

- ¹ Technical session prior to and in conjunction with chapter meeting. Credit is in addition to that given in the Energy and Technical Activities area.
- ² (Minimum 3 Hrs.) This credit is in addition to the credit given in the Energy & Technical Activities area.
- ³ Biography submitted and accepted by TC/TG

AREA ASSIGNED MEMBERS 1991-92 PAOE

RESEARCH PROMOTION

PAR = 400 Points
 MAXIMUM = No Limit
 MINIMUM = 200 Points

The importance of research contributions to the Society's development of technology is emphasized. The chapter norm for 1991-92 will be \$40 per area-assigned member, with additional points earned for each individual contribution that exceeds the \$40 norm. Additional points may also be earned by obtaining large contributions (\$1,000 or more) and by obtaining total contributions which exceed the maximum of the prior five years (new "high five"). Bonus points are awarded for special Research Promotion Chapter nights, conducted in accordance with Society criteria, in recognition of their importance in communicating the value of Society research to the membership.

The formula for Research Promotion is as follows:

$$P_r = 400 \frac{C_1}{40M_a} + \frac{10C_2}{M_a} + \frac{15C_3}{M_a} + \frac{500C_4}{M_a}$$

Where: M = Area-Assigned Members
 C 1 = Total dollars contributed
 C 2 = Total dollars in \$1,000 or larger contributions
 C 3 = Total dollars more than the maximum contribution from last five years.
 C 4 = Number of contributors \$40 and over

Bonus:

Points
 50 pts. ea. Maximum
 100 pts.

For having a special Research Promotion Chapter night.

EDUCATIONAL ACTIVITIES

PAR = 400 Points
 MAXIMUM = See each activity
 MINIMUM = 200 Points

The Society goal is to emphasize the commitment to serve its members through programs of continuing education and to nurture the development of students to serve our industry.

The point scores for Educational Activities are as follows:

ACTIVITY POINTS.DETERMINATION POINTS MAXIMUM

Student Member Growth Formula: $50\sqrt{SMG}$

Student Branch

a) Each existing branch	50
b) Each new branch	50
c) Each \$200 investment ¹	25
d) Chapter Member's participation in 3 or more branch events ²	25
	75

¹ For educational material based on actual cash expenditures by chapter.

² Each chapter member other than faculty liaisons who participate in three or more student branch events.

1991-92 Assigned Members

REGION I

<u>Chapter Name</u>	<u>Members</u>	<u>Students</u>
Boston	800	59
Rhode Island	138	5
Connecticut	567	16
Long Island	306	15
North Jersey	940	130
New York	835	167
Northeast	254	23
Central New York	376	25
Rochester	406	50
Niagara Frontier	226	4
Champlain Valley	114	4
Maine	168	24
Twin Tiers	123	9
Bi-State	234	12
Granite State	165	65

1991-92 Assigned Members

REGION II

<u>Chapter Name</u>	<u>Members</u>	<u>Students</u>
Quebec	173	23
Montreal	539	145
Ottawa Valley	341	8
Toronto	839	103
Hamilton	193	43
Halifax	178	7
London	110	21
New Brunswick	120	7
Saquenay-Lac St. Jean	36	68
Windsor	55	25
Mississauga	140	1

The formula for Meeting Attendance is as follows:

$$P_a = 400 \sqrt{\frac{A}{.12M_a + 18}}$$

Where: A = Average Regular Chapter Attendance
M_a = Area Assigned Members

Bonus:	Points	Maximum
a) For having regularly scheduled summer meetings (July, Aug & Sept)	50 pts. ea.	150 pts.
b) For having joint meetings with RSES, RETA, IAR, BOMA, AIA, SPE, MCA, SMAONA, ASPE, SWE, IES, or other:	25 pts. ea.	200 pts.
c) For establishing a new chapter section	100 pts. ea.	200 pts.
d) For maintaining an existing chapter section	100 pts. ea.	200 pts.

CRC ATTENDANCE

PAR = 400 Points
MAXIMUM = No Limit
MINIMUM = 200 Points

The goal is for each chapter to be represented at the CRC by the Delegate and Alternate in attendance at all Caucuses and Business Sessions; the incoming Chapter Committee Chairmen at the workshops for Educational Activities, Energy and Technical Activities, Membership Promotion, Refrigeration and Research Promotion; plus attendance by as many chapter members as possible. A person may attend several sessions, but will be given points for only one. To receive credit for attendance at any business session, workshop, caucus, etc., you must be present for the full duration of the function.

The point scores for CRC Attendance are:

	Points
Delegate and Alternate	50 pts. ea.
Chapter Committee Chairmen ¹	100 pts. ea.
Other Chapter Officers or Board Members	40 pts. ea.
All other Chapter Members (except Host Chapter)	35 pts. ea.
If a Delegate or Alternate misses a caucus or business session	<100>
If a Chapter is not represented by any chapter member in a workshop	<50>

Bonus:
a) Chapters with less than 150 Area-Assigned Members (M) multiply points from table above by the formula shown below in order to obtain points.

$$\sqrt{150/M_a}$$

b) For each host Chapter: 200 pts.

REGION III

1991-92 Assigned Members

Chapter Name	Members	Students
Philadelphia	827	64
Central Pennsylvania	296	68
Johnstown	80	12
Pittsburgh	329	48
Baltimore	763	33
National Capital	913	86
Hampton Roads	170	35
Richmond	281	9
Lehigh Valley	135	6
Delaware	213	8
Roanoke	196	14
Anthractic	119	40

REGION IV

1991-92 Assigned Members

Chapter Name	Members	Students
North Piedmont	187	29
Southern Piedmont	374	27
South Carolina	118	0
Atlanta	853	52
Greenville	241	5
Triangle	287	26
Charleston	89	1

REGION V

1991-92 Assigned Members

Chapter Name	Members	Students
Cleveland	355	6
Columbus	393	80
Cincinnati	364	17
Dayton	196	26
Toledo	147	7
Central Indiana	347	55
Evansville	105	35
Detroit	507	27
Central Michigan	134	9
Western Michigan	310	32
Akron\Canton	143	20
Northern Indiana	90	2
Fort Wayne	87	8
Eastern Michigan	78	6

¹ Chapter Committee Chairmen is defined as chairmen of Membership Promotion, Educational Activities, Energy and Technical Activities, Refrigeration and Research Promotion. Note penalty for non-participation.

1991-92 Assigned Members

REGION VI

<u>Chapter Name</u>	<u>Members</u>	<u>Students</u>
Wisconsin	413	58
Illinois	963	78
Central Illinois	124	11
Iowa	226	33
Minnesota	774	68
St. Louis	590	27
Chicago	131	3
Madison	164	16
Northeast Wisconsin	141	6
La Crosse Area	111	19
Rockford	86	19
Mississippi Valley	160	8
East Central Illinois	75	24

1991-92 Assigned Members

REGION VII

<u>Chapter Name</u>	<u>Members</u>	<u>Students</u>
Louisville	192	50
Memphis	200	4
Birmingham	239	35
Mobile	83	8
New Orleans	176	38
Baton Rouge	76	1
Mississippi	113	4
Nashville	252	3
East Tennessee	214	3
Tennessee Valley	68	7
Montgomery	77	13
Bluegrass	94	2
Northwest Florida	64	1
North Alabama	79	5
Tombigbee	32	1
Mountaineer	89	3

1991-92 Assigned Members

REGION VIII

<u>Chapter Name</u>	<u>Members</u>	<u>Students</u>
Arkansas	209	58
Shreveport	95	4
Houston	536	75
Alamo	227	22
Austin	182	59
Dallas	520	31
Central Oklahoma	390	29
Northeastern Oklahoma	187	22
Fort Worth	264	3
West Texas	90	19
East Texas	56	20
South Texas	45	8

1991 - 92 PAOE CRITERIA

MEMBERSHIP PROMOTION

PAR	=	400 Points
MAXIMUM	=	No Limit
MINIMUM	=	200 Points

Membership growth will be based on the net membership increase from July 1, 1991 to June 30, 1992. The President's goal will be 3% net membership growth. New member growth is based on completed, paid memberships processed by the July 1, 1992 elections. (Note: All applications must be at Headquarters by May 15, 1992 to be processed for the July election deadline.) Transfers in, transfers out, and deceased members will not count for or against growth. Unpaid members consisting of delinquents and resignations will count against growth. Advancements will continue to be a part of the PAOE this year. The President's goal for advancement is 3%.

The Membership Promotion formula rewards new member growth separate from the retention of members.

$$P_m = 100 \left(\frac{M_n}{.03M_a} \right) + 200 \left(\frac{.05M_a}{U} \right) + 100 \left(\frac{A}{.03M_a} \right)$$

- Where: M_n = New members as approved by the Admissions and Advancement Committee prior to June 30, 1992.
 M_a = Area assigned member
 A = Advancements
 U = Unpaid Members (Minimum U is equal to .05M)

Bonus:

- a) If membership is held constant or increases Points
100 pts. ea.
- b) For having a special Membership Promotion Chapter Night: Maximum
50 pts. ea. 100 pts.
- c) Each Chapter "dues" paying member who is also a member of a Society Council or Committee: 25 pts. ea.
- d) For achieving delinquency rate of 5% or less 200 pts.
- e) For each upgrade from Student Member to Associate, Affiliate or Member Grade within one year of graduation 25 pts.

MEETING ATTENDANCE

PAR	=	400 Points
MAXIMUM	=	No Limit
MINIMUM	=	200 Points

Attendance figures will be based on all Chapter meetings having opportunity for technical enhancement, including remote Section meetings, multiple Chapter meetings in one month, joint meetings with allied technical societies, seminars and expositions. Attendance figures must be reported in official chapter minutes. No social events will count. The Society goal is to have approximately 10,000 monthly attendees at Chapter meetings.

1991-92 PAOE AWARD INFORMATION

Regular (Red Emblem) Chapters that earn the PAOE for the current year must meet minimum requirements in seven out of eight categories, with a minimum of 2,900 total points.

Star Award Chapters earning the PAOE and reaching par in all categories.

Special Citation Chapters earning the PAOE and obtaining 4,400 or more total points.

Honor Roll (Silver Emblem) Chapters which have earned the PAOE for at least four consecutive years.

High Honor Roll (Blue Emblem) Chapters which have earned the Star Award for at least four consecutive years.

Premier (Gold Emblem) Chapters which have earned the PAOE every year since the award was originated, or every year since the Chapter's inception (after 1970), with a minimum of four years; except that a chapter shall remain eligible for the Premier award if the PAOE is not achieved during their first year.

REPORTING PROCEDURES

The PAOE report will be distributed to Chapter Presidents, Chapter Secretaries, the Society Membership Promotion, Research Promotion, Educational Activities, Energy and Technical Activities, and Refrigeration Committees and the Board of Directors on the following schedule.

November	-	Reflecting October 31 results
January	-	Reflecting December 31 results
March	-	Reflecting February 28 results
April	-	Reflecting March 31 results
May	-	Reflecting April 30 results
June	-	Reflecting May 31 results
July	-	FINAL REPORT

The following individuals are responsible for submitting figures to Carolyn Stewart, Director of Education and Member Services, at ASHRAE Headquarters in Atlanta, with copies to your Regional Chairman, by the following dates:

October 31, December 31, February 28, March 31, April 30, May 31 and June 30. *Note: Final figures must be received at ASHRAE Headquarters no later than June 30, 1992. No reports, data, minutes, monies etc. will be accepted after this date.*

Membership Promotion - These figures will be compiled by HEADQUARTERS. Bonus points will be reported through the Vice Chairman, Membership Promotion.

Meeting Attendance - Each chapter must submit to Headquarters copies of its monthly chapter meeting minutes reflecting the number attending each chapter meeting. All meetings providing opportunity for technical enrichment are included.

CRC Attendance - REGIONAL CHAIRMEN must advise Headquarters of these figures immediately after their CRCs have been held.

Research Promotion - Figures will be compiled by HEADQUARTERS.

Educational Activities - REGIONAL VICE CHAIRMAN must supply Headquarters with these figures for their respective Chapters.

Energy & Technical Activities/Chapter Program Activities - ETA REGIONAL VICE CHAIRMAN must supply Headquarters with these figures for their respective Chapters. The ETA REGIONAL VICE CHAIRMAN will use two reporting forms: (1) Energy & Technical Activities; (2) Chapter Program Activities. Lists of future planned programs should be submitted from the chapter to the ETA REGIONAL VICE CHAIRMAN prior to December 1.

Refrigeration - REGIONAL VICE CHAIRMAN must advise Headquarters of these figures.

FOLLOW-UP FOR INFORMATION WILL BE MADE THROUGH YOUR REGIONAL CHAIRMAN ONLY.

1991-92 Assigned Members

<u>Chapter Name</u>	<u>Members</u>	<u>Students</u>
Kansas City	449	99
El Paso	82	6
Rocky Mountain	496	74
Utah	218	3
Nebraska	342	25
Wichita	108	7
New Mexico	213	7
South Dakota	131	17
Black Hills Area	38	2
Big Sky	105	8
Idaho	95	1
Pikes Peak	67	7
Ozarks	69	19

REGION X

1991-92 Assigned Members

<u>Chapter Name</u>	<u>Members</u>	<u>Students</u>
Sacramento Valley	266	9
Golden Gate	754	52
San Joaquin	93	0
Southern California	842	48
San Diego	299	23
Central Arizona	259	6
Tucson	100	8
Southern Nevada	95	1
San Jose	299	10
Orange Empire	354	5
Hawaii	294	6
Northern Nevada	71	3
Sierra Delta	59	1
Tri-County	114	3

1991-92 Assigned Members

<u>Chapter Name</u>	<u>Members</u>	<u>Students</u>
Manitoba	175	2
Southern Alberta	308	18
Northern Alberta	242	54
British Columbia	379	27
Inland Empire	82	3
Puget Sound	632	51
Oregon	497	69
Regina	55	2
Saskatoon	84	21
Alaska	163	17
Mid-Columbia	66	3
Vancouver Island	92	0

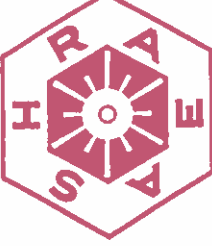
PHYSICAL PLANNING
FACILITIES ENGINEERING
& CONSTRUCTION

COPY --- FILE ---

CIRC. ---

ASHRAE
JBS ---
PLM ---
WCC ---

OTHER ---
BF ---



ASHRAE: VOLUNTEERS ADVANCING ENVIRONMENTAL TECHNOLOGY 1991

PRESIDENTIAL NEWSLETTER

1991-92 Assigned Members

REGION XII

Chapter Name	Members	Students
Jacksonville	282	65
Florida West Coast	389	26
Miami	220	12
Central Florida	260	21
Gold Coast	163	33
Spacecoast	73	3
Puerto Rico	123	58
Gulfstream	155	2
Southwest Florida	89	4

CHAPTERS-AT-LARGE

1991-92 Assigned Members

Chapter Name	Members	Students
Hong Kong	449	12
Malaysia	104	1
Taiwan	64	0
India	123	2
Singapore	273	7

August 1, 1991

TO: Chapter Presidents
ASHRAE Membership Promotion Committee
ASHRAE Research Promotion Committee
ASHRAE Educational Activities Committee
ASHRAE Energy & Technical Activities Committee
ASHRAE Refrigeration Committee
Board of Directors

SUBJECT: 1991/92 PRESIDENTIAL AWARD OF EXCELLENCE (PAOE)

ASHRAE is, without question, the world's leading technical society dedicated to heating, ventilation, air conditioning and refrigeration. It has achieved this preeminent position as a result of the vision of our early leaders and their commitment to continuous improvement.

As ASHRAE nears the end of its first century and positions itself to begin its second, we should reflect on what brought ASHRAE to where it is today. Clearly, ASHRAE's past was optimism, dynamism and rejection of the status quo. ASHRAE was an organization that dedicated itself to improving the quality of its contributions—not just from time to time—but continuously.

Dedication to quality and to continuous improvement—the hallmark of our past—is the key to our future success. It is the focus of this year's presidential theme:

QUALITY: OUR ONGOING CHALLENGE

This year's PAOE program incorporates several changes aimed at improving the quality of ASHRAE's chapter activities.

The most important of these is an increased emphasis on chapter programs. Chapter programs are a primary means for technology transfer to the members. Quality programs of relevant technical interest, planned and publicized in advance, attract members to chapter meetings and strengthen ASHRAE's image in the community.

Another change in this year's program is the establishment of lower par values for some categories of activities. These changes do not imply differing priorities—all categories are equally important—but are intended to provide a more level playing field, recognizing that opportunities for earning points in some categories are more limited than in others.

Chapter activities are ASHRAE's lifeblood. They are the foundation upon which our Society is built. Chapters that continually improve the quality of their programs, promote technical outreach in their communities and foster development of their members are sure to grow and prosper. And as the chapters prosper, so does the Society.

The PAOE program provided a framework for the chapters' pursuit of excellence. PAOE points provide a basis for measuring progress and rewarding achievement. But the ultimate goal of the PAOE program, and its ultimate reward, is the benefit that accrues from advancing the arts and sciences of heating, ventilation, air conditioning and refrigeration.

I wish you all a successful year.

Donald G. Rich

Donald G. Rich
President