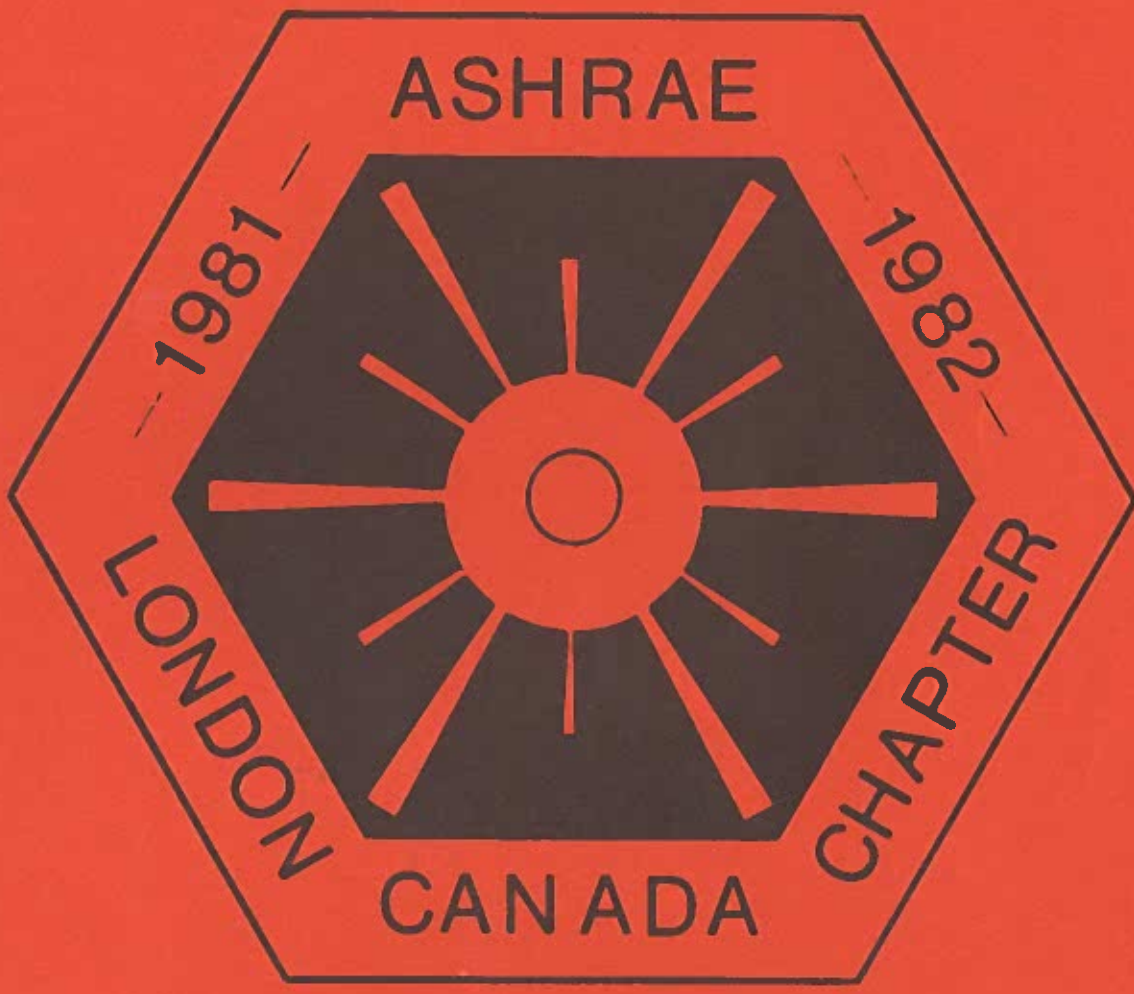
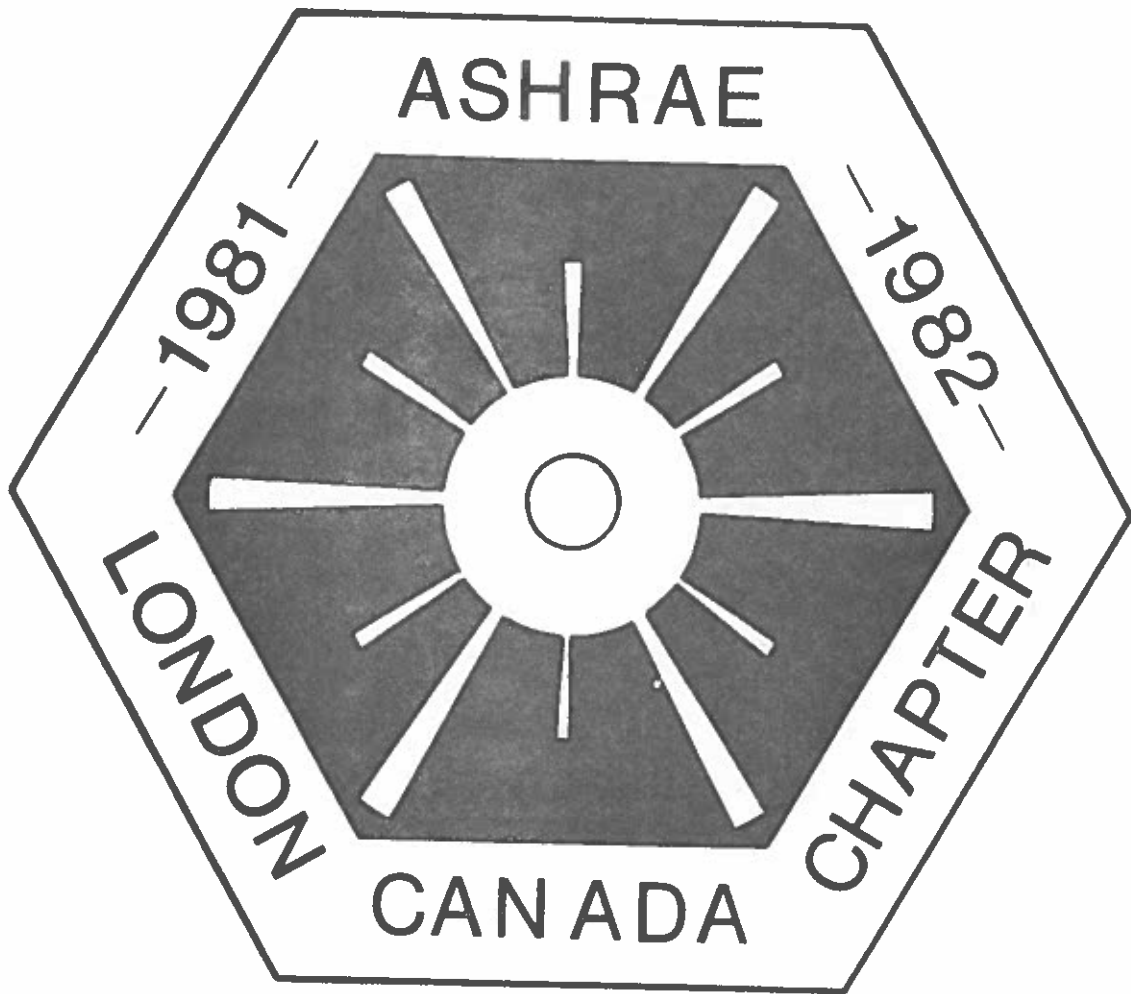


CRC REPORT  
1981-1982





REPORT TO  
CHAPTERS REGIONAL CONFERENCE  
HALIFAX, NOVA SCOTIA  
MAY 19-21, 1982



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**ASHRAE LONDON CANADA CHAPTER  
BOARD OF GOVERNORS 1981-82**

---

<b>PRESIDENT</b>	John Payne	652-5047
<b>VICE-PRESIDENT</b>	Dick Palser	433-9227
<b>SECRETARY</b>	Doug Troupe	438-3893
<b>TREASURER</b>	Walter Lucas	685-0400
<b>PAST-PRESIDENT</b>	Bill Rutherford	652-5047
<b>ATTENDANCE</b>	Dick Palser	433-9227
<b>AUDITING</b>	Dick Palser	433-9227
<b>CRC (DELEGATION)</b>	John Payne	652-5047
<b>CRC ACTION</b>	Bill Rutherford	652-5047
<b>EDUCATION</b>	Peter Golem	679-8660
<b>ENERGY MANAGEMENT</b>	Ray Payne	681-1390
<b>FINANCE</b>	Walter Lucas	685-0400
<b>LEGISLATION</b>	Peter van der Westen	652-5047
<b>MEMBERSHIP</b>	Ron Granger	679-8660
<b>NOMINATING</b>	Wayne Barker	453-0910
<b>PROGRAM</b>	Dick Palser	433-9227
<b>PUBLICITY</b>	Don Johnson	652-5047
<b>RECEPTION</b>	Bert Fenner	652-3631
<b>RESEARCH PROMOTION</b>	Bill Rutherford	652-5047
<b>SPECIAL EVENTS</b>	Harvey Chamberlain	433-5500
<b>TECHNICAL</b>	Len Swallow	452-4126
<b>HISTORIAN</b>	Bert Fenner	652-3631
<b>NEWSLETTER</b>	Jeff Haywood	652-5047



ASHRAE LONDON CANADA CHAPTER

- 1981-82 MEETINGS

\*\*\*\*\*

A. CHAPTER MEETINGS

Monday, September 28, 1981	6:30 - 9:30 p.m.
Monday, October 26, 1981	6:30 - 9:30 p.m.
Monday, November 23, 1981	6:30 - 9:30 p.m.
Thursday, January 21, 1982	6:30 - 9:30 p.m.
Monday, February 22, 1982	6:30 - 9:30 p.m.
Monday, March 29, 1981	6:30 - 9:30 p.m.
Monday, April 26, 1982	6:30 - 9:30 p.m.
Thursday, May 27, 1982	6:30 - 9:30 p.m.

B. BOARD MEETINGS

Monday, July 21, 1981	5:15 - 6:30 p.m.
Monday, August 17, 1981	5:15 - 6:30 p.m.
Monday, September 21, 1981	5:15 - 6:30 p.m.
Monday, October 19, 1981	5:15 - 6:30 p.m.
Monday, November 16, 1981	5:15 - 6:30 p.m.
Monday, January 18, 1982	5:15 - 6:30 p.m.
Monday, February 15, 1982	5:15 - 6:30 p.m.
Monday, March 22, 1982	5:15 - 6:30 p.m.
Monday, April 29, 1982	5:15 - 6:30 p.m.
Monday, May 17, 1982	5:15 - 6:30 p.m.

C. CRC

May 19 - 21, 1982, Halifax, Nova Scotia

D. SOCIETY MEETINGS

Semi-Annual, January 24 - 28, Houston, Texas.

Annual, June 27 - July 1, 1982, Toronto, Ontario.



## LONDON CANADA CHAPTER REPORT

The London Canada Chapter began its 1981-82 year with a Board of Governors meeting held July 21st, 1981. At this meeting all committees were formed and each committee chairman and chapter officer was issued a copy "The London Canada Chapter Manual of Operations" prepared by Bill Rutherford.

The London Canada Chapter Manual of Operations established:

1. Chapter meeting dates
2. Board of Governors meeting dates
3. Responsibilities of each Chapter officer
4. Responsibilities of each committee chairman
5. Target dates for completion of organizational activities
6. Agenda for the Board of Governors meetings
7. Formats for committee reports.

The Manual was adopted by the Board of Governors with the full understanding that it would be reviewed on a continuing basis and updated as necessary. The Manual, to a large extent, was a consolidation of information taken from the Society Manual for Chapter Operations and local chapter experience. Subsequently a number of new Society Manuals for Chapter operations were received by the Chapter and distributed to members of the Board of Governors. The two Manuals provided a relatively firm foundation for the Chapter organization.

In our Chapter report for the 1980-81 CRC held in Montreal, Bill Rutherford indicated that the Chapter's most serious problem was the disruption of the Board of Governor's caused by the resignation of ten members in the past two years, four of whom were Chapter officers. This loss in leadership severely weakened the Chapter organization. The election of John Payne, a past president, as interim president of the Chapter appears to have had a stabilizing influence. This year we have only lost two members. Karl Kvas resigned as chairman, Energy Management, in Spetember due to a change in job status and Doug Troupe resigned as Secretary at the end of this term due to increasing commitments elsewhere. These resignations were accommodated with relative ease due to the Board of Governors' recent experience in handling stressful situations of this nature.



LONDON CANADA CHAPTER REPORT (Cont'd)

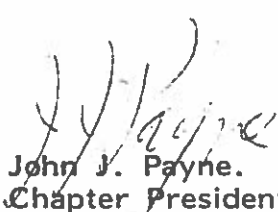
Improvements in Chapter membership and, dare we say, meeting attendance, may be attributed in large part to the efforts of the Program and Membership Committees. Chapter membership has risen to 48 from 41 last year, and meeting attendance has remained at 41.

The other major committees have not fared as well. Both Education and Energy Management have suffered from the time taken by their chairmen to become accustomed to their role and responsibilities within the Chapter. Inexcusably, the Research Promotion Committee was late in organizing the 1981-82 campaign. A major effort at the last minute, however, is expected to achieve the Chapter's goal of \$3,000.00 in research promotion.

The following recommendations are offered to the 1982-83 Board of Governors of the London Canada Chapter:

1. Meet and organize early
2. Define the responsibilities of each member of the Board of Governors using a revised version of the London Canada Chapter Manual of Operations and ensure that each member is aware of his responsibilities
3. Establish target dates for the completion of the various organizational activities
5. Communicate effectively with the members making sure that newsletters are received by members at least one week prior to Chapter meetings
6. Involve as many Chapter members as possible in the various Chapter committees

While these recommendations are only a repetition of those continually offered, we believe that they are the steps necessary to maintain a health ASHRAE Chapter.

  
John J. Payne.  
Chapter President

May 15, 1982



May 14, 1982

Ashrae London Canada Chapter  
P.O. Box 653  
London, Ontario  
N6A 4V8

Attention: Mr. J.J. Payne, P.Eng., Chapter President

Reference: Treasurers Report for Year 1981/1982

Dear Sir:

Attached is the treasurers report dated May 10, 1982 showing the Chapter's current financial position.

Our forecast expenses for this current year were somewhat over-estimated due to the cancellation of a major energy conservation seminar. The result being we anticipate an excess to our budget of \$966.00 after our final meeting in May.

One other area producing more revenue than predicted was memberships which show an excess of \$405.00.

The current status of our balance sheet shows an excess revenue of \$2,594.60.

This report is respectively submitted for presentation at the CRC.

Yours truly,

*Walter P. Lucas*

Walter P. Lucas,  
Treasurer,  
Ashrae London Canada Chapter

WL/d  
Encl.



ASHRAE LONDON CANADA CHAPTER  
 TREASURER'S REPORT  
 AS AT MAY 10, 1982

\*\*\*\*\*

	<u>FORECAST</u>	<u>YEAR TO DATE</u>	<u>OUTSTANDING</u>
<u>REVENUES</u>			
Memberships	3,100	3,505	(405)
Guest Fees	960	880	80
Interest	200	141	59
Other	2,600	1,688	912
	<u>6,860</u>	<u>6,214</u>	<u>646</u>
<u>EXPENSES</u>			
Meals	3,400	2,976	424
Printing	800	693	107
CRC	600	125	475
Supplies	50	---	50
Other	1,500	944	556
	<u>6,350</u>	<u>4,738</u>	<u>1,612</u>
EXCESS REVENUES	510	1,476	(966)
CUMULATIVE EXCESS	1,630	2,596	

*W.P. Lucas*  
 W.P. Lucas,  
 Treasurer,  
 London Canada Chapter



PROGRAM COMMITTEE REPORT

As chapter Vice-President, I was responsible for the 1981-82 chapter program as committee chairman. As we established in 1980-81, various committee chairmen were assigned meeting nights to promote the activities of their committees. Each chairman was responsible to the Vice-President for speaker arrangements, while I maintained our program continuity by arranging meeting locations, dinners, etc.

The summary of the chapter program below also indicates the meetings format that we have adopted and plan to continue.

Date	Topic	Attendance	
		Members	Guests
Sept. 28	Opening Night: Commercial and Industrial Humidification	31	3
Oct. 26	Membership Night: Carrier's use of E-2011 computer program for A.C. system designer	34	14
Nov. 23	Ladies Night: TV in the Community	19	25
Jan. 21	Research Night: ASHRAE Related Research In Canada	32	7
Feb. 22	Energy Management Night: Energy Issues Today and Their Implications for the Future	35	5
Mar. 29	Students' Night: Solar Energy Programs in Ontario	25	14
Apr. 26	Field Trip: Substituted Speaker for trip Federal Energy Conservation Program	33	8
May 31	Annual General Meeting: Refuse Fired Steam Boilers		

Richard D. Palser  
Program Committee Chairman

Memo To: John Payne, President, London Canada Chapte  
From: P. J. Golem, Education Chairman, London Canada Chapter  
Re: 1981/82 Chapter Education Report

In the Education category, P.A.O.E. points fall into six areas. These are dealt with separately below:

.1 Student Members

The numbers of student members this year are:

University of Western Ontario:	20
Fanshawe College	: 13
University of Windsor	: 15
Total	: 48

Last year's report indicated 68 student members. Using the prescribed calculation method, we pick up 22 points in this area.

.2 Faculty Liason

Faculty liason members are:

University of Western Ontario:	Prof. R. Swartman
Fanshawe College	: L. Swallow D. Johnson

There were two faculty liason members in 1980/81. The formula gives us 113 points in this area. **Max = 100.**

.3 Student Awards

This year there are no activities and no points in this category.

.4 Seminars on Technical Advances

Activities in this area are underway at the present time, and I anticipate that the maximum of 75 points will be achieved. Reporting in this area will be made in the report at the end of the year.

.5 Secondary Schools

Although I made contact with appropriate people in the Secondary School system, no points were earned.

.6 Continuing Education

There were no activities in this category, and no points earned for the present year.

Anticipated total points for 1981/82 are 197.

Peter Golen 19 April 1982.



May 15, 1982

Vanderwesten and Rutherford Limited  
36 Talbot Road South  
LAMBETH, Ontario  
N0L 1S0

Attention: Mr. John J. Payne, P.Eng.

Dear Sir:

RE: ENERGY MANAGEMENT REPORT  
1980 to 1981

During the past year, members of the committee produced two talks promoting awareness in the Energy Conservation field.

The first talk was presented during the last quarter of 1980 to the graduating class of Architectural Technology students at Fanshawe College. The slide presentation was based on ASHRAE Standards 90-75 prepared by the Sub-committee of the Energy Conservation Committee.

The second presentation was also made to Fanshawe College but to their Heating, Ventilating and Air Conditioning Technology students (3rd year). This open discussion covered Energy Conservation through the re-using of warm air exhaust and detailed the different devices available to capture this exhausted energy. The presentation was highlighted with slides of the actual hardware being discussed.

At both presentations literature was left for the participants to further educate themselves on the subject.

Other small articles have been submitted to both Western Ontario Business and the London Free Press for publication with limited success to date.



Page 2

Mr. J. J. Payne, P.Eng.

May 15, 1982

A jointly sponsored Energy Symposium is being organized by the London Chapters of CIC, APEO, IEEE, and ASHRAE. The seminar will outline energy conservation for present and the future with one emphasis being its utilization in the HVAC field. Speakers from across North America will present papers.

The preceding is a summary of the activities of the Energy Management Committee terminating prior to the CRC in May of 1981.

Ray Payne.

Chairman, Energy Management Committee.



May 15, 1982

Mr. John J. Payne, P.Eng.  
Vanderwesten and Rutherford Limited  
36 Talbot Road South  
LAMBETH, Ontario  
N0L 1S0

Dear John:

RE: MEMBERSHIP REPORT

The following reflects the Chapter membership Committee activities for the 1981-82 year. Our target for the year was 10 new members and we have achieved a total of 12. We also have one application submitted and two ready to submit.

We have also acquired a total of    new student members.

The delinquent list as of March 21st showed a total of 10 members and 44 student unpaid. An investigation showed several students have paid and many have changed addresses and cannot be located.

Yours very truly,

Ronald E. Granger  
Chairman, Membership Committee.



RESEARCH PROMOTION COMMITTEE REPORT

MAY 3, 1982

The London Canada Chapter goal for ASHRAE Research 1981-82 was established as \$3,000.00 (26.32/member) at the Region II Research Promotion Workshop held in Toronto on December 7, 1981. While this goal is moderately higher than the goal proposed by Society, and substantially (38.9%) higher than previously achieved, it seemed reasonable in light of anticipated successes with larger investors.

The campaign got off on the wrong foot with a late start, but on April 25, 1982 letters went out to 32 established investors. Personalized letters were sent at the same time to 8 additional investors identified as special for one reason or another. Two of these "special" letters were sent to HVAC Consultants who have long refused support in the hope of identifying to them their responsibility to our industry. Two others were sent to Contractors' Associations with the suggestion that collectively they might make a more significant investment than the sum of their individual contributions. Two more were forwarded to investors who have contributed significantly in the past, but who do not directly participate in our industry. One "special" went to Union Gas Company, our only \$1,000.00 investor from 1980-81, recognizing their importance to our Chapter's efforts. The eighth "special" letter was sent to John Labatt Limited in an effort to establish their continuing support at a significant level.

The amount received to date for ASHRAE Research 1981-82 is \$200.00 in total, with an additional \$775.00 committed. Our contact with Union Gas Company expects that they will continue their past support with a \$1,000.00 investment.

We hope to report our success in achieving our goal with at least \$3,000.00 received in time for the CRC in Halifax.

W. A. Rutherford, P. Eng.  
Chairman, Research Promotion,  
London Canada Chapter





**vanderwesten and  
rutherford limited**

CONSULTING ENGINEERS  
MECHANICAL - ELECTRICAL

P. VAN DER WESTEN  
W. A. RUTHERFORD, P.Eng.  
J. J. PAYNE, P.Eng.  
E. W. PEARCE, P.Eng.  
L. R. SMITH  
J. G. HAYWOOD, P.Eng.

May 5, 1982

ASHRAE London Canada Chapter  
P.O. Box 653  
LONDON, Ontario  
N6A 4V8

Attention: Mr. J. Payne, P.Eng.  
Chapter President

Dear Sir:

RE: REPORT FOR YEAR 1981/82 - PUBLICITY

SOCIETY OBJECTIVES

1. To inform the following groups about ASHRAE's program:  
Employers and potential employers of ASHRAE members;  
buyers and potential buyers of heating cooling, refrigerating, and ventilating services; legislators and civil servants concerned with building codes and other laws and regulations in our field; wives, children, and friends of ASHRAE members; and community leaders and others in a position to influence public opinion.
2. To attract bright and promising young people to our industry.
3. To honour leaders in our industry.
4. To help bring new members into ASHRAE.
5. To support efforts to raise money for ASHRAE research.
6. To win respect for ASHRAE members and for our industry.
7. To sense problems before they emerge so that they can be dealt with sooner rather than later.

CHAPTER GOALS

1. To publish five articles and announcements in the London Free Press, other newspapers and periodicals.
2. To establish a good working rapport with local news persons.

**vanderwesten and  
rutherford limited**

Mr. J. Payne, P.Eng.

-2-

May 5th, 1982

ACHIEVEMENTS

1. Six announcements or short articles were printed. Other articles were submitted and may or may not have been printed.
2. Some progress has been made with establishing liaisons with the London Free Press and Western Ontario Business News only.

Report submitted by:

  
Donald M. R. Johnson,  
Public Relations Chairman.

/am

MINIMAL STANDARD CHAPTER CRC REPORT FORM

REPORT TO REGION 11 CRC CONFERENCE CHAPTER LONDON CANADA No. 116

Date May 19, 1982 City Halifax State N.S. SOCIETY YEAR 1981-1982

<u>MEMBERSHIP</u>	July 1 /81	Current	PAE Points
Assigned Members	<u>110</u>	<u>106</u>	to Date <u>265</u>
Student Members	<u>25</u>	<u>37</u>	or
Chapter Members	<u>41</u>	<u>48</u>	as of previous
New Members to Date		<u>8</u>	June 30 _____
Members Delinquent to Date			
Number of Upgrades			
Date of Membership Night		<u>Oct 26</u>	
Guest Attendance		<u>14</u>	

<u>EDUCATION</u>		PAE Points
Name(s) of Student Branch <u>NONE</u>		to Date <u>195</u>
Student Night? <u>Mar 29/82</u> Student Attendance <u>14</u>		or
Scholarships? <u>NONE</u> Dollar Value <u>N/A</u>		as of previous
Grants in Aid? Dollar Value <u>N/A</u>		June 30 _____
Special Activities (describe) _____		

<u>SEARCH FUND RAISING</u>	Last Year	This Year	PAE Points
Quota	<u>2640</u>	<u>3000</u>	to Date <u>147</u>
Number of Contributions	<u>10</u>		or
Dollar Value	<u>1915</u>	<u>950</u>	as of previous
Dollars per Member			June 30 _____
Special Activities or Comments _____			

<u>TENDANCE &amp; PROGRAMS*</u>	Last Year	This Year	PAE Points
Number of Technical Programs	<u>8</u>	<u>8</u>	to Date <u>166</u>
Total Number of Meetings	<u>8</u>	<u>8</u>	or
Average Meeting Attendance	<u>37</u>	<u>41</u>	as of previous
Number of Pre-Dinner Sessions	<u>9</u>	<u>9</u>	June 30 _____
Best Program	<u>April 27/81</u>	<u>Jan. 21/82</u>	
Comments on programs, speaker lists, etc.	_____		
	All programs except for one were well received and informative		

\*Excluding social functions

- ENERGY MANAGEMENT
- 1) Talk to local students re energy conservation and heat recovery
  - Legislative Liaison
  - 2) Preliminary meeting to plan joint seminar with ASHRAE, IEEE, Liaison with other Societies CIC, & APEO.
  - Joint action programs
  - 3) Talk to adult groups re energy conservation

MINIMAL STANDARD CHAPTER CRC REPORT FORM

REPORT TO REGION 11 CRC CONFERENCE CHAPTER LONDON CANADA No. 116  
 Date May 19, 19 82 City Halifax State N.S. SOCIETY YEAR 1981-1982

<u>MEMBERSHIP</u>	July 1 /81	Current	PAE Points
Assigned Members	<u>110</u>	<u>106</u>	to Date <u>265</u>
Student Members	<u>25</u>	<u>37</u>	or
Chapter Members	<u>41</u>	<u>48</u>	as of previous
New Members to Date		<u>8</u>	June 30 _____
Members Delinquent to Date			
Number of Upgrades			
Date of Membership Night		<u>Oct 26</u>	
Guest Attendance		<u>14</u>	

<u>EDUCATION</u>		PAE Points
Name(s) of Student Branch	<u>NONE</u>	to Date <u>195</u>
Student Night? <u>Mar 29/82</u>	Student Attendance <u>14</u>	or
Scholarships? <u>NONE</u>	Dollar Value <u>N/A</u>	as of previous
Grants in Aid?	Dollar Value <u>N/A</u>	June 30 _____
Special Activities (describe)	_____	

<u>SEARCH FUND RAISING</u>	Last Year	This Year	PAE Points
Quota	<u>2640</u>	<u>3000</u>	to Date <u>147</u>
Number of Contributions	<u>10</u>		or
Dollar Value	<u>1915</u>	<u>950</u>	as of previous
Dollars per Member			June 30 _____
Special Activities or Comments	_____		

<u>TENDANCE &amp; PROGRAMS*</u>	Last Year	This Year	PAE Points
Number of Technical Programs	<u>8</u>	<u>8</u>	to Date <u>166</u>
Total Number of Meetings	<u>8</u>	<u>8</u>	or
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Number of Pre-Dinner Sessions	<u>9</u>	<u>9</u>	June 30 _____
Best Program	<u>April 27/81</u>	<u>Jan. 21/82</u>	
Comments on programs, speaker lists, etc.	_____		
	<u>All programs except for one were well received and informative</u>		

\*Excluding social functions

- ENERGY MANAGEMENT
- 1) Talk to local students re energy conservation and heat recovery
  - Legislative Liaison
  - 2) Preliminary meeting to plan joint seminar with ASHRAE, IEEE, Liaison with other Societies CIC, & APEO.
  - Joint action programs
  - 3) Talk to adult groups re energy conservation

FINANCES

	Last Year	This Year
Reserve Funds		
Current Balance	1674.55	2594.60
Membership Fee	\$55.+\$3.per meal	85.
Member Cost of Meals	Incl above	Incl above
Guest Cost of Meals	\$10.00	\$12.00
Cash Bar?	Yes	Yes
Package Plan? Details		
Other Sources of Income?	NONE	Describe

Special Projects or Programs Funded? NONE Describe

SOCIAL FUNCTIONS:

(List and comment briefly)

Golf & Tennis day Sept. 23, this was very successful.

CRC ACTION COMMITTEE PROPOSALS:

Loss of all chapter executive due to company moves and changing jobs.

CHAPTER PROBLEMS:

1. Because students are finding the meals very expensive we are encouraging them to come after the dinner to hear the speaker.

CHAPTER INNOVATIONS & SUGGESTIONS:

SIGNED: \_\_\_\_\_

*[Signature]*  
Chapter President

- Attachments:
- 1.) Best Newsletter of the Year
  - 2.) Special Seminar Program
  - 3.) Chapter Information Questionnaire
  4. Copy of Chapter Roster (Optional)
  - 5.) Product Directory (if published)

ASHRAE CHAPTER INFORMATION QUESTIONNAIRE

CHAPTER LONDON CANADA REGION II FISCAL YEAR 1982-83

Please note: The addresses given on the Questionnaire are used by Headquarters for matters of chapter business only for the entire fiscal year, and are separate from Journal, Handbook, and miscellaneous mailings. Please notify us promptly of Questionnaire changes.

CHAPTER OFFICERS (Do not use nicknames)

(Include area code when listing phone numbers)

PRESIDENT

Name Richard D. Palser  
Address Palser Enterprises Limited  
406 Oxford Street E., London, Ontario  
PHONE: N5Y 3H4 519-433 9227

PRESIDENT ELECT

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Phone \_\_\_\_\_

VICE PRESIDENT

Name Walter Lucas  
Address Temprite Industries Limited  
Suite 25, 317 Adelaide St. S., London,  
Ontario N5Z 3L3  
Phone 519-685-0400

CHAPTERS REGIONAL COMMITTEE REPRESENTATIVES

DELEGATE

Name Richard D. Palser  
Address Palser Enterprises Limited  
406 Oxford St. E., London, Ontario  
N5Y 3H4  
Phone 519-433-9227

SECRETARY

Ronald E. Granger  
Chorley and Bisset Ltd.  
521 Colborne St., London, Ont. N6B 2T6  
519-679-8660

TREASURER

Donald M. R. Johnson  
Vanderwesten and Rutherford Limited  
36 Talbot Road S., Lambeth, Ontario  
N0L 1S0 519-652-5047

OTHER

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Phone \_\_\_\_\_

ALTERNATE

Walter Lucas  
Temprite Industries Limited  
Suite 25, 317 Adelaide Street S.  
London, Ontario N5Z 3L3  
519-685-0400

CHAPTER BOARD OF GOVERNORS

Name W. A. Rutherford  
 Address: Vanderwesten and Rutherford Ltd.  
36 Talbot Rd. S., Lambeth, Ont. N0L 1S0  
 Phone: 519-652-5047

W. W. Mitchell  
London Board of Education  
751 Leathorne St., London, Ont. N5Z 3M7  
 Phone 519-686-5353

Name C. L. Sharp  
AAF-Ltd., 387 Princess Ave., London  
 Phone 519-673-0300 N6B 2A7

Wayne Barker  
Absolute Systems Ltd.  
585 Third St., London, Ontario N5V 2C1  
 Phone 519-453-0910

Please list the following key Chapter Chairmen for use by Headquarters and your Regional Chairmen and submit new information promptly if names, etc. are changed.

Membership Comm. Chrmn: \_\_\_\_\_  
 Address and Phone \_\_\_\_\_  
 Education Comm. Chrmn: Peter Golem c/o Chorley and Bisset Ltd.  
 Address and Phone 521 Colborne Street, London, Ontario N6B 2T6 519-679-8660  
 Research Promotion Comm. Chrmn: John J. Payne, c/o Vanderwesten & Rutherford Ltd.  
 Address and Phone 36 Talbot Rd. S., Lambeth, Ont. N0L 1S0 519-652-5047  
 Energy Management Comm. Chrmn: Ray Payne, c/o Ontario Hydro  
 Address and Phone 1075 Wellington Rd. S., London, Ont. N6E 1M1 519-681-1390  
 Program Comm. Chrmn Walter Lucas, c/o Temprite Industries Ltd.  
 Address and Phone No. 317 Adelaide Street, S., Suite 25, London, Ont. N5Z 3L3 519-665-0400

**MEETING DATES FOR THE 1982-83 FISCAL YEAR**

(For publication in the ASHRAE JOURNAL)

July	none	Nov.	22	Feb.	28
Aug.	none	Dec.	none	March	28
Sept.	27	Jan.	24	Apr.	25
Oct.	25			May	23
				June	none

Regular meeting location Highland Golf and Country Club, 279 Commissioners Road London, Ontario

Chapter Historian H. V. Fenner  
 CRC Action Committee Chairman John J. Payne  
 Publicity Chairman \_\_\_\_\_  
 Social Chairman Harvey Chamberlain

Does Chapter charge dues? YES X NO \_\_\_\_\_ AMOUNT \$ \_\_\_\_\_

Is there a prepaid meal plan? X What is the charge? included

Name of the Chapter Publication Newsletter

Editor's Name J. G. Haywood, c/o Vanderwesten and Rutherford Limited

Address 36 Talbot Rd. S., Lambeth, Ontario N0L 1S0

Is your chapter legally incorporated? No Year of Incorporation \_\_\_\_\_

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.  
 United Engineering Center, 145 East 47th Street, New York NY 10017

BIOGRAPHICAL RECORD

Date January 14, 1981

1. BASIC DATA

Name Morrison, Clifton R. (Cliff)  
 Born July 27, 1925 at Montreal, Canada  
 Home Address 64 Georgia Road, London, Ontario, CANADA N6H 2R6  
 Business: Firm Johnson Controls Ltd/Ltee  
 Address 594 Newbold Street, London, Ontario, CANADA N6E 2W9

2. EDUCATIONAL RECORD

Education	Institution	Course	Years Completed	Date of Grad.	Degree
High School	<u>100th Avenue High School</u>	SC	4	1942	Jr. Matric
Technical Institute					
College or University	<u>McGill University</u>	SC	4	1949	B.S.C. (Agr.)
Graduate Study or Other	<u>McGill University</u>	Bus Adm	Night	1950-52	2 Credits M.B.A.

3. PROFESSIONAL EXPERIENCE (include each assignment)

From	To	Employer	Your Title	Describe duties, as: Devel, Appl, Sales, Adm, Consult
1969	-	<u>Johnson Controls Ltd/Ltee</u>	<u>Branch Manager</u>	<u>Sales, Administration</u>
1949	1969	<u>Johnson Controls Ltd/Ltee</u>	<u>Sales Engineer</u>	<u>Supervisor of controls installations. Design work with consultants, sales, estimating.</u>

4. ENGINEERING REGISTRATION

State	Date	Number	State	Date	Number

5. MEMBERSHIP AND ACTIVITIES IN OTHER SOCIETIES OR TRADE ASSOCIATIONS

Society or Trade Assn	Grade	Yr Admitted	Committee	Year	Chr or Member
<u>Mechanical Contractors Association</u>	<u>M</u>	<u>1969</u>	<u>Management Trustee of Union Pension Plan</u>	<u>1970</u>	<u>Member</u>

(Continued on back page)



Name: Morrison, Clifton R. (Cliff)

6. ASHRAE HISTORY  
 A. Joined Society (year) 1958 Present Grade M Year 1963  
 B. Chapter: Offices held, with dates Chapter President - London Canada 1974  
 C. Chapter committee service Chapter President - Montreal Canada 1963

D. National Activities			Chairman or Member
From	To	Name of committee or other activity	
1977	79	Nominating Committee	M
1974	76	Nominating Committee	M
1974	77	Education Committee	M
1977	78	Education Committee	Vice - Chairman
1978	79	Education Committee	Chairman
1977	80	Publishing Committee	M
1967		Chapters Regional Conference Region II	Chairman
1978		Chapters Regional Conference Region II	Chairman

7. TECHNICAL INTEREST AREAS (heat transfer, odor, controls, heating) Controls

8. HONORS ASHRAE Certificate of Appreciation 1963, 1974, 1979  
 Honorary Societies, Citations, Awards Regional Award of Merit 1978  
 Listed in Who's Who in...

9. PUBLICATIONS (technical)  
 Number of books \_\_\_\_\_ Papers \_\_\_\_\_ Articles \_\_\_\_\_  
 List significant publications (title, publication, date)

10. PROJECTS: List below significant projects

Project Identification	Year	Your Relationship	Significance

11. PATENTS  
 Number of U. S. patents \_\_\_\_\_ List below significant patents

12. CIVIC, CHARITABLE, AND MILITARY SERVICE  
Royal Canadian Air Force - Pilot Officer - Navigator

13. OTHER INFORMATION (Also use this space for extension of items from above)  
Offices held Recently:  
President - McGill Graduates Society - London Branch  
Director - London Executives Association  
Director - Highland Country Club  
Trustee - Pension Plan U.A. Local 593

BIOGRAPHICAL RECORD

Date May 5, 1982

**1. BASIC DATA**  
 Name RUTHERFORD, WILLIAM A.  
 Born NOVEMBER 8th, 1947 at OTTAWA, ONTARIO, CANADA  
 Home Address Apt. 208, 400 Beaverbrae Drive, London, Ontario, Canada N6H 1W3  
 Business: Firm Vanderwesten and Rutherford Limited  
 Address 36 Talbot Road South, LAMBETH, Ontario, Canada N01 1S0

**2. EDUCATIONAL RECORD**

Education	Institution	Course	Years Completed	Date of Grad.	Degree
High School	Bell High School, Ottawa	Academic	5	1965	Sr. Grad Diploma
Technical Institute					
College or University	Queen's University, Kingston	Mech. Eng.	4	1971	B.A.Sc.
Graduate Study or Other	University of Toronto	Bus. Adm.	Even.	1972-74	9 Cds.

**3. PROFESSIONAL EXPERIENCE (include each assignment)**

From	To	Employer	Your Title	Describe duties, as: Devel, Appl, Sales, Adm, Consult.
1974		Vanderwesten & Rutherford Ltd.	Corp. Sec'y.	Mechanical Engineer, Principal of firm
1973	1974	Bell Canada Ltd.	Project Manager	Project Co-ordination 1st Level Management
1971	1973	Nicholas Foder & Associates	Eng. in Training	Design investigation for Materials Handling & Building Systems

**4. ENGINEERING REGISTRATION**

State	Date	Number	State	Date	Number
Ontario	1973	40178014	Alberta	1977	

**5. MEMBERSHIP AND ACTIVITIES IN OTHER SOCIETIES OR TRADE ASSOCIATIONS**

Society or Trade Assn	Grade	Yr Admitted	Committee	Year	Chr or Mem
Assoc. of Professional Engineers of Ontario	M	1973	Executive Committee	1979-82	Member
				1982-83	Vice-Chairman
Canadian Hospital Engineering Society	M	1982			



**NOMINATING COMMITTEE**

The London Chapter Nominating Committee has been formed to consider Candidates for Board of Governors for 1982-83. The Chairman is Wayne Barker. Members are Bill Rutherford and John Payne.

Positions to be filled — Treasurer Secretary Vice-President and President.

The Nominating Committee will submit a proposed slate of the April Meeting to be elected at the May Meeting. Any interested ASHRAE Members should contact the above members of the Nominating Committee.

Also, Candidates can be nominated from the floor at the May Meeting for any of the above Offices.

**ASHRAE RESEARCH**

The Research Campaign this year is headed by Bill Rutherford. Investments in ASHRAE Research are Tax Deductible and are the Life Blood of our Industry.

Research is our prime importance and a benefit to us all.

**ASHRAE FIRE AND SMOKE SEMINAR — TORONTO**

Members are reminded of the Seminar in Toronto April 5th, 1982, at the Park Plaza Hotel, sponsored by the Toronto ASHRAE Chapter. Seminar starts at 1:30 p.m.

**SPEAKER**

Our speaker for this month will be discussing The Solar Energy Program of the Ontario Government, with emphasis on the current Commercial/Industrial Solar Demonstration Program.

**UPGRADING**

ALL MEMBERS are urged to review their membership status in Society with a view to upgrading. Many members could advance to a higher category by just sending in the Application Form.



**LONDON CANADA CHAPTER**  
 S O U T H W E S T E R N O N T A R I O  
**NEWSLETTER**  
 P.O. BOX 653 - LONDON - N6A 4V8

**Board of Governors**

President	John Payne	652-5047
Vice-President	Dick Paisler	433-9227
Secretary	Doug Troupe	438-3893
Treasurer	Walter Lucas	685-0400
Past-President	Bill Rutherford	652-5047

**Committee Chairmen**

Attendance	Dick Paisler
Auditing	Dick Paisler
CRC (Delegation)	John Payne
CRC Action	Bill Rutherford
Education	Peter Golem
Energy Management	Karl Kvas
Finance	Walter Lucas
Legislation	Peter van der Westen
Membership	Ron Granger
Nominating	Wayne Barker
Program	Dick Paisler
Publicity	Don Johnson
Reception	Bert Fenner
Research Promotion	Bill Rutherford
Special Events	Harvey Chamberlain
Technical	Len Swallow
Historian	Bert Fenner
Newsletter	Jeff Haywood

**General Meeting Dates**

Monday, April 26th, 1982  
 Thursday, May 27th, 1982

**Regular Meeting**

Highland Golf  
 & Country Club

279 Commissioners Rd. E., London, Ontario

**Monday, March 29th, 1982**

Social Hour — 5:30  
 Dinner — 6:30

**Guest Speaker**

**MR. PETER GOLOBIC**  
 Ontario Ministry of Energy  
 Solar Energy Program in Ontario