



## Board of Governors

PRESIDENT	Dick Palser	433-9227
VICE-PRESIDENT	Walter Lucas	685-0400
SECRETARY	Ron Granger	679-8660
TREASURER	Don Johnson	652-5047
PAST PRESIDENT	John Payne	652-5047

## Committee Chairman

ATTENDANCE	Walter Lucas
AUDITING	Walter Lucas
CRC (DELEGATION)	Dick Palser
CRC ACTION	Bill Rutherford
EDUCATION	Peter Golem
ENERGY MANAGEMENT	Ray Payne
FINANCE	Don Johnson
LEGISLATION	Peter van der Westen
MEMBERSHIP	John Kenney
NOMINATING	Wayne Barker
PROGRAM	Walter Lucas
PUBLICITY	Bruce Schie
RECEPTION	Bert Fenner
RESEARCH PROMOTION	John Payne
SPECIAL EVENTS	Ron Exelby
TECHNICAL	Len Swallow
HISTORIAN	Bert Fenner
NEWSLETTER	Don Johnson

# Regular Meeting

Highland Golf  
& Country Club

279 Commissioners Rd. E., London, Ontario

**Monday, October 25th, 1982**

*Social Hour — 5:30*

*Dinner — 6:30*

***Guest Speaker***

**Mr. Ranald L. Hay**

Canadian Gas Association

***“CGA Equipment Approvals and Relationship  
Between CGA and CSA”***

1982 — 1983  
**Chapter Programme**

**MONDAY — OCTOBER 25th, 1982**  
**MEMBERSHIP NIGHT**

Topic: CGA equipment approvals and relationship between CGA and CSA.  
Speaker: Ranaid L. Hay, Director of Certification.

**FRIDAY — NOVEMBER 26th, 1982**  
**LADIES' NIGHT**

Toronto — Roy Thompson Hall — Liona Boyd, classical guitarist. Leave Friday afternoon, tour the Hall, dinner, concert, and return by chartered bus.

**THURSDAY — JANUARY 27th, 1983**  
**RESEARCH AND PROMOTION NIGHT**

Topic: Technical Research Program.

**MONDAY — FEBRUARY 28th, 1983**  
**ENERGY MANAGEMENT NIGHT**

Topic: Energy Management Evaluation  
Speaker: Mel James of Honeywell

**MONDAY — MARCH 28th, 1983**  
**EDUCATION NIGHT**

Topic: CAD/CAM report and discussion — Computer assisted drafting.

**MONDAY, APRIL 25th, 1983**  
**GENERAL MEETING AND NOMINATIONS**

**MONDAY, MAY 30th, 1983**  
**CHAPTER ELECTIONS**

Topic: Slide show and technical talk on the Lennox "Pulse" Furnace.  
Speaker: Frank Lloyd of Lennox Industries.

**UPDATE**

**SPECIAL LADIES NITE — FIRDAY, NOVEMBER 26th**

When it was decided we would combine a Ladies Nite with a regular meeting it was essential that we have a subject that would be of interest to both the members and their Ladies.

We have planned a special treat for Ladies Nite. We will take a Chartered Bus, complete with wine, to Toronto. Then a tour of the Roy Thompson Hall with mechanical systems included. A great dinner at Ed's Warehouse and then Liona Boyd, classical guitarist, in concert, and return home.

***A little about Liona Boyd:***

In the last 11 years she has recorded eight best-selling albums, played for Princes, Presidents, Prime Ministers and Playboys, filled auditoriums from Paris, Ontario, to Paris, France.

She attended the University of Toronto and completed her Honours Degree in Musical Performance in 1972.

And they call her the First Lady of the Guitar.

*For more information about Miss Boyd, refer to March 1982 issue of Chatelaine.*

We need to know as soon as possible if you wish to attend so that final plans can be made. Please contact **Walter Lucas** or **Don Johnson** and let them know.

The bus will leave London at approximately 2:00 p.m.

The cost is \$78.00 per couple. Dinner at Ed's Warehouse is extra.

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**We are asking all members wishing to attend this Special Ladies Nite to please bring payment with them to the Regular Meeting.**

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TECHNICAL	Len Swallow
HISTORIAN	Bert Fenner
NEWSLETTER	Don Johnson

# Regular Meeting

Highland Golf  
& Country Club

279 Commissioners Rd. E., London, Ontario

**Thursday, January 27th, 1983**

*Social Hour — 5:30*

*Dinner — 6:30*

**Guest Speaker**

**Mr. A. Grant Wilson**

Sheridan Park Research Community

***"Research in Canada and ASHRAE Funded Research"***

1982 — 1983  
**Chapter Programme**

**THURSDAY — JANUARY 27th, 1983**  
**RESEARCH AND PROMOTION NIGHT**  
Topic: Technical Research Program.

**MONDAY — FEBRUARY 28th, 1983**  
**ENERGY MANAGEMENT NIGHT**  
Topic: Energy Management Evaluation  
Speaker: Mel James of Honeywell

**MONDAY — MARCH 28th, 1983**  
**EDUCATION NIGHT**  
Topic: CAD/CAM report and discussion — Computer assisted drafting.

**MONDAY, APRIL 25th, 1983**  
**GENERAL MEETING AND NOMINATIONS**

**MONDAY, MAY 30th, 1983**  
**CHAPTER ELECTIONS**  
Topic: Slide show and technical talk on the Lennox "Pulse" Furnace.  
Speaker: Frank Lloyd of Lennox Industries.

**MEMBERS: Please Note:**

The January meeting is on THURSDAY, JANUARY 27th and **NOT** on Monday.

**GUEST SPEAKER:**

Mr. A. Grant Wilson, Director of Engineering Sciences, Ontario Research Foundation at the Sheridan Park Research Community in Mississauga. His topic is his association with research in Canada since 1949 and the contribution between this work and ASHRAE funded research. Mr. Wilson was previously with the National Research Council. He earned his BSc Degree in Mechanical Engineering from the University of Saskatchewan and MSc at the University of Illinois.

**MEMBERSHIP ROSTER:**

Don Johnson is putting the final touches on the 82 - 83 Membership Roster. There will be a computer printout of all paid members at the sign-in table. Please check your name, address, telephones, etc. . . . and make any changes.

**ASHRAE 1983 SEMIANNUAL MEETING**

JANUARY 23 - 26 In ATLANTIC CITY, N.J.

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# LONDON CANADA CHAPTER

SOUTHWESTERN ONTARIO  
**NEWSLETTER**

P.O. BOX 653 — LONDON — N6A 4V8

## Regular Meeting

Highland Golf  
& Country Club

279 Commissioners Rd. E., London, Ontario

### Monday, February 28th, 1983

*Social Hour — 5:30*

*Dinner — 6:30*

***Guest Speaker***

**Mr. Mel James**

**MCC Powers**

***"Energy Management Evaluation — Now Direct Digital Control is influencing the Temperature Control and Energy Management Business"***

**MEMBERSHIP ROSTER:**

Membership Roster Book will be available to members at this upcoming Regular Meeting. Members not picking up books will be mailed out next week.

1982 — 1983

## Chapter Programme

**MONDAY — FEBRUARY 28th, 1983**

**ENERGY MANAGEMENT NIGHT**

Topic: Energy Management Evaluation

Speaker: Mel James of MCC Powers

**MONDAY — MARCH 28th, 1983**

**EDUCATION NIGHT — Student Night**

3 students will present ASHRAE related projects.

**MONDAY, APRIL 25th, 1983**

**GENERAL MEETING AND NOMINATIONS**

Topic: CAD/CAM report and discussion — Computer assisted drafting.

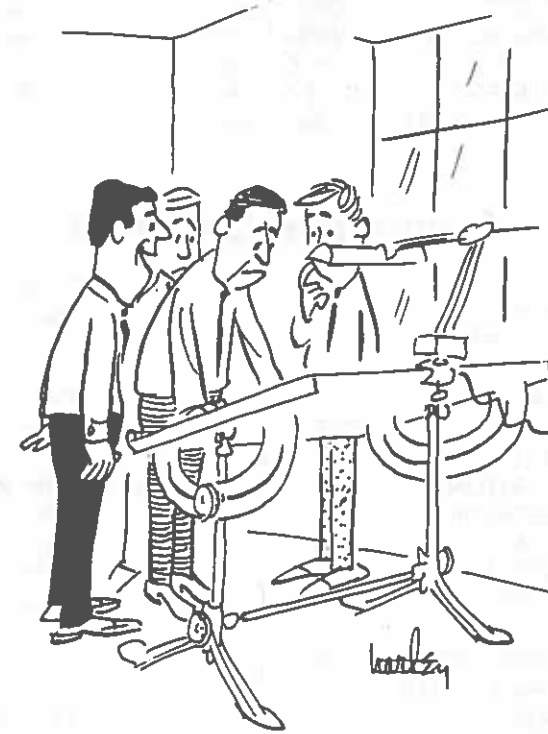
**MONDAY, MAY 30th, 1983**

**CHAPTER ELECTIONS**

Topic: Slide Show and technical talk on the Lennox "Pulse" Furnace.

Speaker: Frank Lloyd of Lennox Industries.

**Backlaugh**



*"Just fake in an incomprehensible detail and let the Contractor and Supplier work it out."*

**GUEST SPEAKER:**

Mr. Mel James of MCC Powers has been in this business 15 years. He hails from the United Kingdom where he received his Higher National Certificate.



# LONDON CANADA CHAPTER

SOUTHWESTERN ONTARIO  
**NEWSLETTER**

P.O. BOX 653 - LONDON - N6A 4V8

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NEWSLETTER	Don Johnson

# Regular Meeting

## Highland Golf & Country Club

279 Commissioners Rd. E., London, Ontario

**Monday, March 28th, 1983**

*Social Hour — 5:30*  
*Dinner — 6:30*

### **Guest Speaker**

**3 finalist students from  
The University of Western Ontario  
speaking on ASHRAE related subjects.**



## REGION II CONFERENCE

MAY 18-20

HOST CHAPTER: LaVille de Quebec  
QUEBEC, P.Q.

### 1982 — 1983 Chapter Programme

**MONDAY — MARCH 28th, 1983**  
**EDUCATION NIGHT**

3 Student Presentations.

**MONDAY, APRIL 25th, 1983**

**GENERAL MEETING AND NOMINATIONS**

Topic: CAD/CAM report and discussion — Computer assisted drafting.

**MONDAY, MAY 30th, 1983**

**CHAPTER ELECTIONS**

Topic: Slide show and technical talk on the Lennox "Pulse" Furnace.  
Speaker: Frank Lloyd of Lennox Industries.

#### **EDUCATION NIGHT**

Peter Golem, our Education Chairman, has been judging student speakers the past few weeks at the U.W.O., speaking on ASHRAE related subjects and will select 3 finalists to speak to us. This should be a very interesting evening that we will not want to miss. Please plan to attend.

## ASHRAE Energy Awards

The ASHRAE Energy Awards recognizes outstanding achievement in the field of energy management. Entrants must be ASHRAE members who played significant roles in the design or development of the energy-conserving aspects of a project. A project must have been in successful operation for at least one year, with actual energy consumption data for those twelve months submitted for evaluation.

**Entries to the Society competition must first have been declared winners in an ASHRAE Chapter Competition, followed by winning at the regional level, except in the case of international entries.**

Winners of chapter and regional competitions will be the focus of publicity generated at the local level and will receive peer recognition from the presentation of awards at chapter and regional meetings.

If you are interested in participating in a Chapter Energy Award competition, please contact Raymond R. Payne — Energy Management Chairman, phone 681-1390 ext. 422.



62

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### Chapter Past Presidents

71 - 72	.....	Jack Vanstone
72 - 73	.....	Cliff Morrison
73 - 74	.....	John Bisset
74 - 75	.....	Russ Gonder
75 - 76	.....	Jack Henderson
76 - 77	.....	Wayne Barker
77 - 78	.....	John Payne
78 - 79	.....	Bill Mitchell
79 - 80	.....	Chuck Sharp
80 - 81	.....	Bill Rutherford
81 - 82	.....	John Payne



VOLUME NO. 12

NO. 7

## General Meeting and Nominations

### Highland Golf & Country Club

279 Commissioners Rd. E., London, Ontario

## Monday, April 25th, 1983

*Social Hour — 5:30*

*Dinner — 6:30*

### **Guest Speakers from Systemhouse Ltd.**

**Mr. Pat O'Leary**  
**Mr. Frank Matchett**  
**Mr. Richard Hanninen**

*"Introduction to Computer Aided Design & Drafting"*

## Windsor-Samia ASHRAE Chapter

London Canada Chapter is sponsoring this new chapter. There will be a meeting in Windsor in May and we are looking for volunteers to attend. John Kenney, our Membership Chairman, is pursuing and will report to the membership.

## Region II Conference

May 18 - 20  
Host Chapter: LaVille de Quebec  
Quebec, P.Q.

## Nominations

Wayne Barker, Chairman of our Nominating Committee will be accepting nominations from the membership for the Chapter Elections next month.

1982 — 1983

## Chapter Programme

MONDAY, MAY 30th, 1983  
CHAPTER ELECTIONS

Topic: Slide Show and technical talk on the Lennox "Pulse" Furnace.  
Speaker: Frank Lloyd of Lennox Industries

## Research

London Chapter drive to promote investments and ASHRAE Research is in full swing, \$625,000 has been committed for 1982-83. Research projects are absolutely essential to maintain the high standards by ASHRAE for our industry. Please make your investments to "ASHRAE Research Canada" so the number of research projects can be increased.

## ASHRAE Energy Awards

The ASHRAE Energy Awards recognizes outstanding achievement in the field of energy management. Entrants must be ASHRAE members who played significant roles in the design or development of the energy-conserving aspects of a project. A project must have been in successful operation for at least one year, with actual energy consumption data for those twelve months submitted for evaluation.

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Winners of chapter and regional competitions will be the focus of publicity generated at the local level and will receive peer recognition from the presentation of awards at chapter and regional meetings.

If you are interested in participating in a Chapter Energy Award competition, please contact Raymond R. Payne — Energy Management Chairman, phone 681-1390, ext. 422.

## CADD

Len Swallow, our Technical Chairman, has a tremendous line-up for us this month.

### **SPEAKERS:**

Pat O'Leary, Marketing Manager, London.  
Frank Matchett, Applications Specialist, CADD.  
Richard Hanninen, CADD Implementation Support representative.

### **TOPIC:**

Introduction to Computer Aided Design & Drafting.

*What is it?*

*Who can use it?*

*What are the benefits of using it?*

This program will be of direct interest to all people engaged in the following disciplines:

Mechanical (HVAC)  
Electrical

Architectural  
Facilities

There will be a demonstration on a Hewlett Packard 2648A Intelligent Graphics Terminal. This will be hooked up to an Electrohome large video screen so that all may see. There will also be a slide presentation.

*Please note that due to the large size of this system that the printer will not be available, but numerous drawings in all disciplines will be available for viewing.*

"With the advent of computer aided design and drafting systems, we have taken one more step towards complete computerization. Here is a machine which, given good operators, is fast, extremely accurate, produces quality drawings and does not require time off or holidays. More and more attention is being focused on applications and possible employment of CADD in engineering firms."

**RICHARD P. PERRY**

*Member ASHRAE & President-Elect*

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VOLUME NO. 12

NO. 8

# CHAPTER ELECTIONS

## Highland Golf & Country Club

279 Commissioners Rd. E., London, Ontario

**Monday, May 30th, 1983**

*Social Hour — 5:30*

*Dinner — 6:30*

### PROGRAM

**TOPIC: SLIDE SHOW AND TECHNICAL TALK ON  
THE LENNOX "PULSE" FURNACE.**

**SPEAKER: MR. FRANK LLOYD OF LENNOX INDUSTRIES**

### Windsor ASHRAE Chapter

The **London ASHRAE Chapter** is pleased to announce that we will be sponsoring the chartering of the **Windsor ASHRAE Chapter**.

The first meeting will convene Tuesday evening, May 31st, 1983 at 5:00 p.m. Johnson Controls and LaFontaine, Cowie, Buratto and Associates have arranged a tour of the Windsor Board of Education Control Centre.

Please meet at the Windsor Board of Education at 5:00 p.m. We will then move to the Windsor Holiday Inn for supper and a short business meeting.

At the meeting we will be electing an Interim Board of Governors who will serve as the Windsor Nominating Committee. This committee will prepare for the September meeting, including presentation of a slate of candidates for election at the October Charter Night meeting.

We look forward to a full compliment of HVAC engineers, designers, contractors, and suppliers from both the London and Windsor areas to assist in the launching of this new Chapter.

For further information, contact John Kenney, Engineered Air (London) (519) 438-0124 or Frank Pelisek, (Windsor) Pelisek and Associates (519) 969-7557.

### Message from the President

As our Chapter year draws to a close I would like to express my appreciation for the support and help of the Board of Governors and Committee Chairmen. Also for the assistance of the Past Presidents on whom I depended so heavily for advice and direction. Because of the efforts of several people, spearheaded by John Kenney there will be a Windsor Chapter of ASHRAE. I would urge all London Chapter members to try and attend the first meeting of this new Chapter on May 31st.

R.D. Palser

### Pulse-Combustion Furnace

Background of the Pulse: In the early '60's, the American Gas Association Laboratories in Cleveland, under a Gas Research Institute contract, began development work on a Pulse-combustion furnace. Eventually, AGA Labs sought a furnace manufacturer to assume the project. Lennox was the only taker. The rest is history.