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. Roland L. Hay
Canadian Gas Association
“CGA Equipment Approvals and Relationship Between CGA and CSA”
Chapter Programme

MONDAY — OCTOBER 25th, 1982
MEMBERSHIP NIGHT
Topic: CGA equipment approvals and relationship between CGA and CSA
Speaker: Ronald 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 20th, 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 — FRIDAY, 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 Wharehouse 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 Wharehouse is extra.

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

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HISTORIAN        Bert Fennier
NEWSLETTER       Don Johnson
1982 — 1983
Chapter Programme

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

MONDAY — FEBRUARY 29th, 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.
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

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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, 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.

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.
Board of Governors

PRESIDENT       Dick Paiser           439-5227
VICE-PRESIDENT  Walter Lucas          685-0400
SECRETARY       Ron Granger           679-8660
TREASURER       Don Johnson           652-5047
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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, 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.
Board of Governors

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Phone</th>
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<tbody>
<tr>
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<td>John Payne</td>
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Committee Chairman

- ATTENDANCE: Walter Lucas
- AUDITING: Walter Lucas
- CRC (DELEGATE): Dick Palser
- CRC ACTION: Bill Rutherford
- EDUCATION: Peter Rolen
- ENERGY MANAGEMENT: Ray Payne
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- PROGRAM: Wayne Barker
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- SPECIAL EVENTS: Ron Exelby
- TECHNICAL: Len Swallow
- HISTORIAN: Bert Fenner
- NEWSLETTER: Don Johnson

Chapter Past Presidents

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<thead>
<tr>
<th>Year</th>
<th>Name</th>
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<tr>
<td>71 - 72</td>
<td>Jack Vanstone</td>
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<tr>
<td>72 - 73</td>
<td>Cliff Morrison</td>
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<td>73 - 74</td>
<td>John Bissel</td>
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<td>74 - 75</td>
<td>Russ Gonder</td>
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<td>75 - 76</td>
<td>Jack Henderson</td>
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<td>Wayne Barker</td>
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<td>John Payne</td>
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<td>Bill Mitchell</td>
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<td>79 - 80</td>
<td>Chuck Sharp</td>
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<td>80 - 81</td>
<td>Bill Rutherford</td>
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<td>81 - 82</td>
<td>John Payne</td>
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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-Sarnia 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 pursing 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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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)
Architectural
Electrical
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
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, Buraito 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.

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 '60s, 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.

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