

AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR-CONDITIONING ENGINEERING, INC.
1791 Tullie Circle, N.E.
Atlanta, Georgia 30329

BOARD OF GOVERNORS

CHAPTER: LONDON CANADA MEETING DATE: OCTOBER 05/89

ATTENDANCE: MEMBERS: _____; GUESTS: _____; COMPILED BY: DARRYL K. BOYCE

DISTRIBUTION: Original to chapter files, 1 copy to Regional Chairman, 1 copy to Manager, Membership Dept., ASHRAE, Atlanta, together with one extra copy for "Journal" information.

SUGGESTED CHECK LIST
OF ITEMS TO BE
REPORTED

1. Presiding Officer
2. Call to order
(Time & Place)
3. Roll Call
4. Approval of
Minutes
5. Reports
6. Election
 - Members
 - Officers
7. Old Business
8. New Business
9. Speaker
10. Discussions
11. Motions
12. Resolutions
13. Other Features
14. Adjournment

PRESENT:

- G. James, President
- O. Glendon
- T. Drennan
- B. Fenner
- D. Boyce

1. Minutes of previous meeting were read by D. Boyce.
2. Mentioned by O. Glendon to approve minutes as read, seconded by T. Drennan. Passed.
3. Treasurer's Report
 - General Account - \$2,474.43
 - Savings Account - \$3,257.76
 - CRC Account - \$3,375.61
4. Education
 - Student branch seems to be well organized with a number of events already planned.
 - Request help from the Chapter to present "Careers Night" for the student members.

Speakers:

Sales Engineers
Consulting Engineers
Contracting "
Industrial "

In addition, a tour of the U.W.O. Central Control System is being planned.

5. Energy Management

No Report

Peter's wife in hospital to have a baby.

6. Membership

No Report



7. Research

No Report

8. Newsletter

Speaker - Don Johnson

Fees - Should be printed in next publication

Meal costs for students to be corrected to \$7.00

9. Roster

To be prepared by Owen from last year's paid membership list.

10. Program

Presentation by Don Johnson requires a special overhead projector attachment for computer presentation.

Spreadsheet heating and cooling calculations.

- November meeting potentially at Second City. Cannot book Monday night and, as well, cost would be \$25.11 per person -- or plan for a special speaker.

- Past President night. Tentatively January.

- Students' night tentatively March.

- Energy Management Night possibly in February -- potential speaker from Ontario Hydro.

11. Telephone Committee

Committee now in place; fairly good results -- 39 people showed up with a count of 42.

12. Region Awards

To review the process of the awards with Bill, the Membership Committee.

13. Adjournment moved by Bert Fenner, seconded by T. Drennan. Meeting adjourned at 5:40.



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BOARD OF GOVERNORS

CHAPTER: London Canada MEETING DATE: November 11, 1989

ATTENDANCE: MEMBERS: 8 ; GUESTS: _____ ; COMPILED BY: D.K. Boyce

DISTRIBUTION: Original to chapter files, 1 copy to Regional Chairman, 1 copy to Manager, Membership Dept., ASHRAE, Atlanta, together with one extra copy for "Journal" information.

SUGGESTED CHECK LIST
OF ITEMS TO BE
REPORTED

- | | |
|------------------------------------|---|
| 1. Presiding Officer | 1. PRESENT: |
| 2. Call to order
(Time & Place) | - G. James, President |
| 3. Roll Call | - D. Boyce |
| 4. Approval of
Minutes | - C. Clemance |
| 5. Reports | - T. Drennan |
| 6. Election | - B. Fenner |
| - Members | - O. Glendon |
| - Officers | - B. Reynolds |
| 7. Old Business | - P. Ziebart |
| 8. New Business | 2. Meeting called to order at 4:30 p.m. at the Highland Golf & Country Club. |
| 9. Speaker | 3. Minutes approved as presented - Moved by O. Glendon - CARRIED. |
| 10. Discussions | 4. Treasurer's Report (O. Glendon) |
| 11. Motions | We are in very good condition with 42 paid chapter members to date. This high number of paid members is mostly a result of T. Lockhart's persistence at the registration table. |
| 12. Resolutions | General Account - \$3,221.40 |
| 13. Other Features | Savings Account - \$3,257.76 |
| 14. Adjournment | CRC Account - \$3,412.76 |
| | 5. Education & Chapter Programs Report (G. James) |
| | The Careers Night for the Engineering students at the University of Western Ontario is completely organized for November 21, 1989 at the University. |
| | 6. Energy and Technical Affairs Report (P. Ziebart) |
| | Planning is in progress for a CFC issues seminar to be held in March or April of 1990. A committee was set up to find topics and speakers: |
| | - Charles Clemance |
| | - Tom Drennan |
| | - Greg James |
| | - John Reid |
| | 7. Membership Promotion Report (B. Reynolds) |
| | Applications for four new members have been submitted to the Society. Presently, working on membership upgrading for 13 existing members. |

8. Research Promotion (C. Clemance)
Nothing new to report at this time.

9. Roster (O. Glendon)

The roster will be printed as soon as possible so that it will be available in early January. The costs will include all last year's paid members and any new members recorded up to the end of October.

10. Program (T. Drennan)

November meeting (Night on the Town) to be held at the Second City theatre with dinner @ 6:30 p.m. and the show @ 8:30 p.m. We presently have 40 people signed up.

A joint London/Windsor meeting will be held in Chatham on Tuesday, November 21. Details will be provided by G. James.

January meeting will have a presentation on Construction Liens and Canadian Construction Documents by Mr. Phil Squire.

February meeting will have a presentation on Make Up Air Systems by our own Kirk Flowers.

The March meeting will have a presentation on Electrical Power Supply for Ontario by Peter Ziebart.

Planning is underway for a tour with the May meeting, possibly to the CAMI Plant or the Sky Dome.

11. LDCA Trade Show (G. James)

Presently have 35 ASHRAE affiliated participants. 90 of the 150 booths have been committed already.

A number of technical presentations are being pursued at this time.

12. Adjournment moved by D. Boyce, seconded by G. James. Motion carried. Meeting adjourned at 5:15 p.m.

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1791 Tullie Circle, N.E.
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BOARD OF GOVERNORS

CHAPTER: LONDON CANADA

MEETING DATE: January 08, 1990

ATTENDANCE: MEMBERS: 9; GUESTS: _____; COMPILED BY: D.K. Boyce

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14. Adjournment

1. PRESENT:

G. James, President
D. Boyce
C. Clemance
T. Drennan
B. Fenner
O. Glendon
J. Reid
B. Reynolds
P. Ziebart

2. Meeting called to order at 4:45 p.m. at the Highland Golf and Country Club.

3. Minutes approved as presented. Moved by P. Ziebart. Motion carried.

4. TREASURER'S REPORT (O. GLENDON)

We have received 48 paid chapter memberships by the New Year.

General Account - \$4,964.68
Savings Account - 3,257.76
CRC Account - 3,412.76

The "Night on the Town" December meeting was well attended (48 members and guests). The net cost of the night was about (\$190.00) much less than a regular meeting.

5. EDUCATION REPORT (J. REID)

Prof. J. Tarasuk of U.W.O. has requested the opportunity to solicit from the membership possible teaching assistance. More information is to follow. J. Reid to ask if J. Tarasuk would like to speak to the general membership at the next chapter meeting.

6. ENERGY AND TECHNICAL AFFAIRS REPORT (P. ZIEBART)

The committee discussed the general appeal of a CFC Seminar. Because of expected limited appearance, the committee decided to hold a general meeting with the following changes:



6. Continued

- send out invitations to non-ASHRAE members
- possibly, interest another association (eg. IEEE)
- contact possible second and/or third speaker
- encourage table top displays

Tom Drennan to contact John Smale of Dupont Re speaking.

7. Membership promotion report (B. Reynolds)

New membership applications and upgrades have been processed.

8. Research Promotion (C. Clemance)

Charles will present new ASHRAE research promotional film at the next Chapter meeting. Calls for personal contributions will be made.

9. Roster (O. Glendon)

New Roster has been completed and will be issued with January Newsletter. A copy of all future newsletters will be forwarded to Atlanta.

10. Program (T. Drennan)

January meeting will have a presentation on construction liens and Canadian Construction documents presented by Mr. Phil Squire. An "extended question period" will be posted in the newsletter.

February meeting will have a presentation by Peter Ziebart on "Future Electrical Power Supply For Ontario". The presentation will include a video, talk and handouts.

The March meeting presentation on kitchen makeup air systems will be by Kirk Flowers. Kirk has requested that he be allowed the opportunity to bring local contractors as guests. Meal costs will be \$17.50 each for his guests.

April meeting is still unresolved. Greg James will ask membership if they would be interested in a day trip to the Skydome.

11. LDCA Trade Show (G. James)

Greg to ask for volunteers from the General Membership to be present and represent ASHRAE at the show.

12. G. James to ask Kim Ellis if he would like to be our refrigeration representative.

13. C. Clemance suggested that the Chapter approach the London School Board to present facts on CFCS, Indoor Air Quality, etc. C. Clemance to prepare a letter for the School Board.

14. Adjournment moved by B. Fenner, seconded by Bill Reynolds. Motion carried. Meeting adjourned at 6:17 p.m.

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1791 Tullie Circle, N.E.
Atlanta, Georgia 30329

MINUTES

CHAPTER: LONDON MEETING DATE: FEB 12TH 1990

Indicate Type of Meeting: Chapter _____ Board of Governors

ATTENDANCE: MEMBERS 8 GUESTS _____ COMPILED BY G. JAMES

DISTRIBUTION: Retain the original for chapter files, mail one copy to your Regional Chairman and one copy to Manager, Membership Dept., ASHRAE, Atlanta.

SUGGESTED CHECK LIST OF ITEMS, 0
TO BE REPORTED

1. PRESIDING OFFICER
2. CALL TO ORDER (Time & Place) 2.0
3. ROLL CALL
4. APPROVAL OF MINUTES
5. REPORTS
6. ELECTION
Members
Officers
7. OLD BUSINESS
8. NEW BUSINESS
9. SPEAKER
10. DISCUSSIONS
11. MOTIONS
12. RESOLUTIONS
13. OTHER FEATURES 4.0
14. ADJOURNMENT

The meeting was called to order at 4:55 PM in the Board Room at Highland Golf and Country Club.

Attendance:

G. James	T. Drennan	J. Reid
B. Fenner	K. Ellis	P. Zeibart
B. Reynolds	O. Glendon	

Greg James read the minutes of the last meeting. Greg James moved to accept the minutes as read, this was seconded by Tom Drennan.

Owen Glendon gave us a Treasurers Report indicating that there was a balance of \$4244.21 in our Current Account (balance in the savings account was unavailable but the same as last month). Owen indicated that the \$.50 Regional Fund charge would be processed and paid shortly.

5.0 Education: John Reid indicated that UWO have proposed the establishment of an HVAC Centre in the Mechanical Engineering School at UWO. Dr. Terasuk would like to address the next Chapter Meeting to outline the University's plan to our members. It was felt that John should try to get Dr. Terasuk to attend our February Chapter Meeting.

6.0 Energy Management: The February Chapter Meeting is our Energy Management Meeting. The Speaker will be Peter Zeibart and his supervisor from Ontario Hydro talking about Ontario Hydro's Energy Utilization Plans for the next 25 years.

7.0 Membership: Bill Reynolds reported that he has prepared and sent a letter to all those who are eligible to upgrade their membership level, requesting that they do so.

1. 2. 3. 4. 5.



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MINUTES

CHAPTER: _____ MEETING DATE: _____

Indicate Type of Meeting: Chapter _____ Board of Governors _____

ATTENDANCE: MEMBERS _____ GUESTS _____ COMPILED BY _____

DISTRIBUTION: Retain the original for chapter files, mail one copy to your Regional Chairman and one copy to Manager, Membership Dept., ASHRAE, Atlanta.

SUGGESTED CHECK LIST OF ITEMS
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1. PRESIDING OFFICER 8.0
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3. ROLL CALL
4. APPROVAL OF MINUTES
5. REPORTS
6. ELECTION
Members
Officers 9.0
7. OLD BUSINESS
8. NEW BUSINESS
9. SPEAKER
10. DISCUSSIONS
11. MOTIONS
12. RESOLUTIONS
13. OTHER FEATURES
14. ADJOURNMENT 10.0

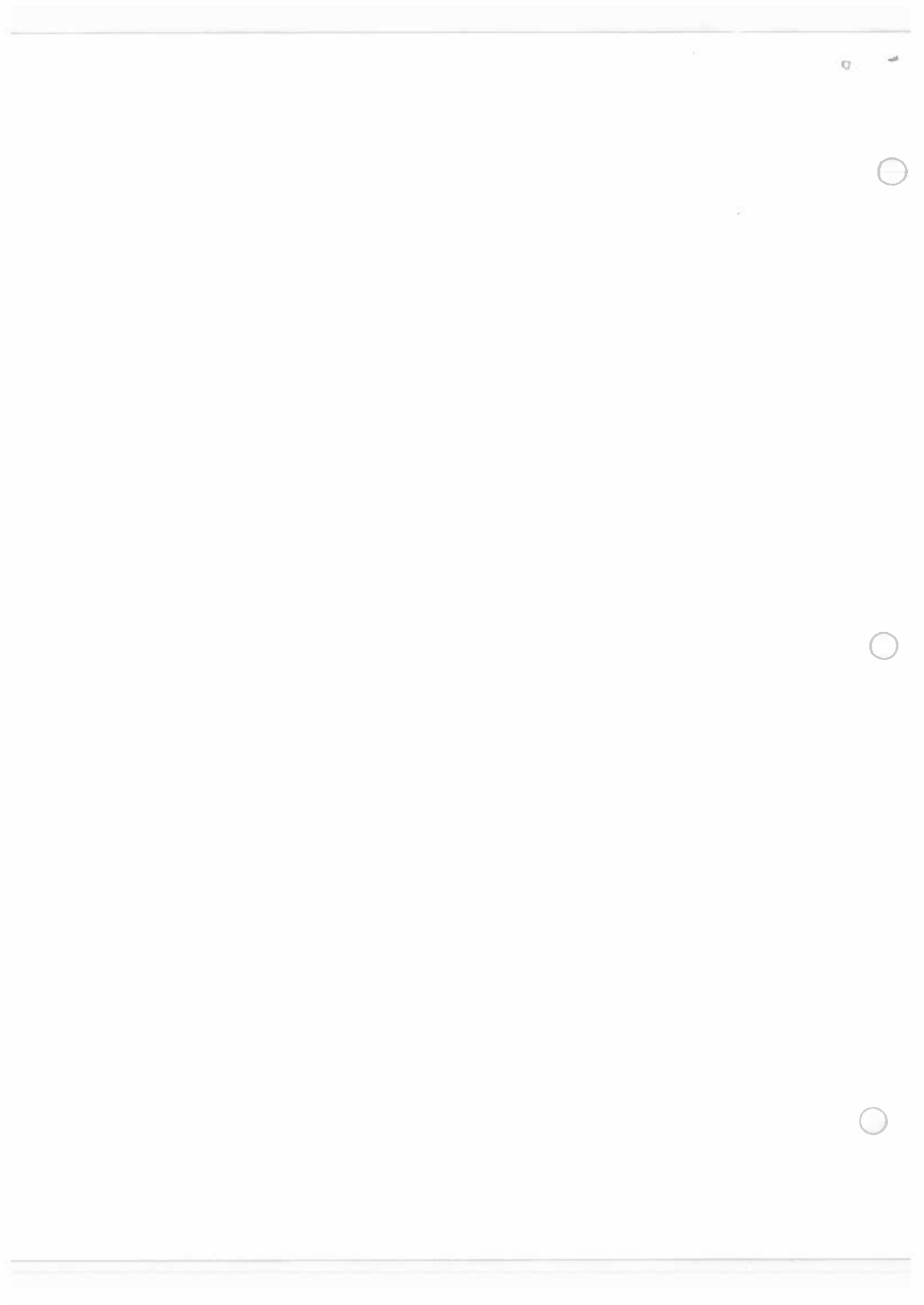
Research: Charles Clemance has requested that he be given a few minutes at the February Chapter Meeting to present an Ashrae Research VHS Tape. Letters have gone out to all prospective Research Contributors regarding a contribution this year.

Refrigeration: Kim Ellis our new Refrigeration Chairman attended his first Board of Governor's Meeting and was officially welcomed to the Board of Governor's. Kim did not have a formal report for us but indicated that we are trying to get a speaker on CFC's for our April Chapter Meeting.

Program: Tom Drennan reported that our February (Ontario Hydro) and March (Kirk Flowers & Assoc.) Chapter Meetings are arranged. February will be Past-Presidents Night and we are expecting 9 Past Presidents to attend.

11.0 Special Events: The ASHRAE/LDCA Trade Show has been arranged and is due to take place on February 13th. 8 volunteers are required to help check in attendees.

12.0 John Reid moved to adjourn at 5:45 this was seconded by Greg James.



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BOARD OF GOVERNORS

CHAPTER: LONDON CANADA MEETING DATE: March 19, 1990
ATTENDANCE: MEMBERS: 8 ; GUESTS: ; COMPILED BY: D.K. Boyce

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9. Speaker
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11. Motions
12. Resolutions
13. Other Features
14. Adjournment

1. PRESENT:

G. James, President
D. Boyce
C. Clemance
T. Drennan
B. Fenner
O. Glendon
G. Myles
J. Reid
P. Ziebart

2. Minutes of last meeting read by Greg James. Moved by G. James and seconded by P. Ziebart.

3. Discussion on Past President paying for dinner and Past President night. Moved by G. Myles that Past President not be charged. Seconded by J. Reid. Motion carried.

4. Treasurer - current \$3,223.95.

5. G. Myles LDCA -

- (1) Attendance - 1,100
- (2) If 22% share - 2,200 - 2,500
- (3) 35/155 Booths were ASHRAE
- (4) Discussion relative to LDCA funds been invested as CRC funds.

Motion to invest money made from the LDCA show been designed for use as CRC funds.

Moved by C. Clemance. Seconded by J. Reid.

Committee Report

Education: J. Reid

1. Judging for student award has been completed and the winner is M. O'Grady, whose topic is "An Alternate Heat Pump Design".
2. HVAC Centre steering committee is meeting in late March to develop a plan of action.

Education: J. Reid- continued

3. Student branch has an executive set-up for next year. John to meet with them in the near future as a final meeting for 1989-90.
4. Contacts with the London School Board is being scheduled by J. Bisset. Primarily targeted to the High School. Charles to check with John in the near future.

Energy & Technical Affairs:

- Next speaker is John Smale on CFC's.
- G. James to contact local media relative to coverage.

Research:

- \$955.00 received to date about 1/5th of our goal.
- A number of corporate names were provided by the board members.

Program:

March meeting:

Kirk Flowers & Associates

April Meeting:

John Smales - CFC's.

May Meeting:

Still being planned.
Looking at CAMI Tour. Greg and Tom to work on this.

June Meeting:

Golf day June 12.
Tuesday at Fanshawe.
This date is being checked relative to conflict with ASHRAE meetings.

Nominating Committee Chairman for this year is Don Johnson.

Greg to discuss the need for a list of nominees.

Motion to adjourn by Tom and seconded by Bert at 6:10 p.m.

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BOARD OF GOVERNORS

CHAPTER: LONDON CANADA MEETING DATE: April 9, 1990
ATTENDANCE: MEMBERS: 6; GUESTS: _____; COMPILED BY: D.K. Boyce

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SUGGESTED CHECK LIST OF ITEMS TO BE REPORTED	
	Meeting at Highland Golf Club called to order at 5:00 p.m.
1. Presiding Officer	1. PRESENT: G. James, President
2. Call to order (Time & Place)	D. Boyce
3. Roll Call	K. Ellis
4. Approval of Minutes	B. Fenner
5. Reports	O. Glendon
6. Election - Members - Officers	P. Ziebart
7. Old Business	2. Minutes of the last meeting were reviewed and motioned to be accepted. Seconded by P. Ziebart.
8. New Business	3. Received a cheque from L.D.C.A. in the amount of \$3,093.54 for the London Chapter participation in the Trade.
9. Speaker	4. Education plaque for the student paper to be presented at April meeting.
10. Discussions	5. HVAC Centre for Excellence to be established at Western. Reviewed status. Support for summer day camp at Western to be considered in the future.
11. Speaker	6. Research is at 25% of goal.
10. Discussions	7. Treasurer's Report (O. Glendon).
11. Motions	8. Special Awards The concept involves giving an award to individuals who have worked hard for the chapter on special projects. It was decided that the process of support for attendance at C.R.C., etc. is to be considered.
12. Resolutions	9. Energy and Technical Affairs P. Ziebart is to pursue possible Technical Awards entries, ie. Chorley & Bisset and CASCO.
13. Other Features	<u>April Meeting</u>
14. Adjournment	J. Smales - CFC's

May Meeting

Yet to be determined. **Possible tours:** Wind Tunnel, Labatt's, 3M.

June Meeting

Confirmed Golf day is to be June 12 at Fanshawe.
\$31.50 cost, therefore, \$40.00 per person. Prizes will be arranged by
Cliff Morrison.

P. Ziebart made the motion to adjourn the meeting. Seconded by
O. Glendon.

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BOARD OF GOVERNORS

CHAPTER: LONDON CANADA MEETING DATE: May 7, 1990
ATTENDANCE: MEMBERS: 3; GUESTS: _____; COMPILED BY: _____

DISTRIBUTION: Original to chapter files, 1 copy to Regional Chairman, 1 copy to Manager, Membership Dept., ASHRAE, Atlanta, together with one extra copy for "Journal" information.

SUGGESTED CHECK LIST OF ITEMS TO BE REPORTED	The meeting was called to order at 4:00 p.m. in the Board Room of Highland Golf and Country Club.
1. Presiding Officer 2. Call to order (Time & Place) 3. Roll Call 4. Approval of Minutes 5. Reports 6. Election - Members - Officers 7. Old Business 8. New Business 9. Speaker 10. Discussions 11. Motions 12. Resolutions 13. Other Features 14. Adjournment	1. PRESENT: G. James, President T. Drennan B. Reynolds 2. G. James read the minutes of the last meeting. G. James moved to accept the minutes as read; seconded by T. Drennan. 3. MEMBERSHIP: B. Reynolds reported that he has sent out and has received some replies to a letter requesting eligible members to upgrade their membership status. B. Reynolds has received 6 responses so far. 4. G. James reported that arrangements for the site tour to U.W.O.'s Wind Tunnel were made as where the arrangements for the golf tournament on June 25th. 5. MAY MEETING AND SITE TOUR: Our May meeting will be on Monday, May 28th and will take place at the University of Western Ontario. We will meet at the University Club in Somerville House at 5:30, dinner will be at 6:30 and then we will go on a site tour of the University of Western Ontario's Wind Tunnel. The Wind Tunnel has recently been involved in a number of projects investigating visualizations of flow patterns from exhaust stacks. Therefore, an HVAC related project will be prominent among the many interesting projects they will be talking to us about. This topic and tour would be of interest to many of our customers, particularly those working opportunity for all of us to invite a customer/guest for a very informative evening. 6. ASHRAE GOLF TOURNAMENT: We have revised the date of the ASHRAE Golf Tournament to resolve a conflict with the ASHRAE Summer Meeting. The Golf Tournament will be held on Monday, June 25, 1990 at Thames Valley Golf Club. Tee off times are from 9:30 to 12:30 and dinner is at 5:30. Golf and dinner is \$40.00 per person. 7. Move to adjourn was made by Bill Reynolds at 5:35. Seconded by G. James.

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BOARD OF GOVERNORS

CHAPTER: LONDON CANADA MEETING DATE: June 18, 1990
ATTENDANCE: MEMBERS: 9 ; GUESTS: ; COMPILED BY: D.K. Boyce

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9. Speaker
10. Discussions
11. Motions
12. Resolutions
13. Other Features
14. Adjournment

Meeting at Hilton Golf Club called to order at 4:45 p.m.

1. PRESENT:

G. James, President
D. Boyce
C. Clemance
T. Drennan
B. Fenner
O. Glendon
G. Miles
J. Reid
P. Ziebart

2. Minutes of the April Board of Governors meeting were approved as presented. Seconded by B. Fenner.

3. Committee Reports:

Education and Chapter Programs (J. Reid):

- Activity Report has been submitted to the Regional Vice-Chairman.

Energy and Technical Affairs (P. Ziebart):

- Activity Report has been submitted to the Regional Vice-Chairman.

Program (T. Drennan):

- The final program for 1989/90 will be the annual golf tournament at the Thames Valley Golf Club.

- There will be a short business session at this meeting to conclude the year's business.

Research Promotion (C. Clemance):

- The collection to date is only a total of \$2,310 out of the goal of \$15,000. The final figures will be in at the end of June, but it does not look good at this time.

CRC (G. James):

- After considerable discussion, it was decided that the following people would be supported for attendance at the CRC in Montreal:

Delegate - G. James

Alternate - T. Drennan

Energy and Technical Activities - G. Miles

Educational Activities - J. Reid

R in ASHRAE - O. Glendon

Program - D. Boyce

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for the company's financial health and for providing reliable information to stakeholders.

2. The second part of the document outlines the specific procedures for recording transactions. It details the steps from identifying a transaction to entering it into the accounting system, ensuring that all necessary details are captured.

3. The third part of the document discusses the role of the accounting department in monitoring and controlling the company's financial performance. It highlights the importance of regular reviews and reporting to management.

4. The fourth part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for the company's financial health and for providing reliable information to stakeholders.

5. The fifth part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for the company's financial health and for providing reliable information to stakeholders.



- It was also decided that the support would be in the range of \$500 each.

4. Candidate for Society Position:

It was recommended that John Bisset and Tom Drennan be approached relative to participation at Society level.

5. CRC Report:

It was noted that G. James is still waiting for written reports from the following committees:

Education and Chapter Program
Energy and Technical Affairs
Membership Promotion
R in ASHRAE
Research Promotion

Motioned by O. Glendon to adjourn meeting at 6:30 p.m. Seconded by G. Miles.



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AND AIR-CONDITIONING ENGINEERING, INC.

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BOARD OF GOVERNOR'S MEETING MINUTES

Chapter: London

Meeting Date: December 2, 1991.

Attendance: Members: 7

Guests:

Compiled By: Peter Ziebart

Distribution: Original to chapter files; 1 copy to Regional Chairman; 1 copy to Manager, Membership Dept., ASHRAE, Atlanta, together with one extra copy for "Journal" information.

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1. Meeting called to order at the University of Western Ontario on Dec 2, 1991. Attended by K. Flowers, D. Boyce, F. Conte, O. Glendon, G. Miles, D. Johnson, and P. Ziebart.

2. Minutes of the previous meeting approved as read. Moved by F. Conte and seconded by O. Glendon.

3. Reports:

Treasurer : \$9069.00 in savings, and \$377.00 in chequing. All invoices paid and paid members to date is 31.

Program : Next months meeting is tentatively scheduled for Jan 29, 1992. Possible speaker on air noise (acoustics) is being investigated.

Feb is yet undecided, but a possible speaker could be Mr. Ron Britural on absorption chillers.

Also Jim Leber (lawyer) is still interested on giving us a talk on contracting out, ethics and be included in the seminar that was discussed last month.

Engineering week and the London and District Construction Ass. should have a display. Owen to arrange.

March meeting should be Ontario Hydro's New Building Construction Program which is closely related to the ASHRAE 90.1 standard.

April's meeting will be a tour of the Dome. K. Flowers arranging.

May's meeting is typically refrigeration and a speaker has not yet been decided.

Research Promotion : No report.

Educational Activities : Met with the student branch on Nov 28, 1991. Twenty five students were present.

ETA : For the LDCA trade show 101 spaces of a possible 150 have been assigned. This is ahead of last years total. There will be and 11:00 meal on the day of the show followed by the Architectural presentation at 12:30.

For the New Building Construction Program (ASHRAE 90.1), please forward any names that you feel should attend to P. Ziebart.

Membership : Give any student memberships to J. Reid. F. Conte has a box of member application forms for regular status members. A reminder should be placed in this months newsletter for Society members to join the local chapter.

Newsletter : Items for the January 1992 newsletter should be sent to D. Johnson by no later than Jan 6/92. Need items from program and ETA. Also the rooster is to be included in the next mail-out, so any new members should again be forwarded to Don so the rooster can be printed by Jan 14/92.

Reception : No report

Historical : No report

CRC evaluation have been sent in by those members who attended.

Old Business : No items

New Business : No items

Meeting adjourned at 5:40. Moved by G. Miles and seconded by O. Glendon.



AMERICAN SOCIETY OF HEATING, REFRIGERATION

AND AIR-CONDITIONING ENGINEERING, INC.

1791 Tullie Circle, N.E.

Atlanta, Georgia 30329

BOARD OF GOVERNOR'S MEETING MINUTES

Chapter: London

Meeting Date: November 6, 1991.

Attendance: Members: 8

Guests: _____

Compiled By: Peter Ziebart

Distribution: Original to chapter files; 1 copy to Regional Chairman; 1 copy to Manager, Membership Dept., ASHRAE, Atlanta, together with one extra copy for "Journal" information.

SUGGESTED CHECKLIST
OF ITEMS TO BE REPORTED

1. Presiding Officer
2. Call to order
(time & place)
3. Roll call
4. Approval of minutes
5. Reports
6. Election
 - Members
 - Officers
7. Old business
8. New business
9. Speaker
10. Discussions
11. Motions
12. Resolutions
13. Other features
14. Adjournment

1. Meeting called to order at the University of Western Ontario on Nov 6, 1991 at 4:40 PM. Attendance - K. Flowers, D. Boyce, O. Glenden, M. Gubish, P. Ziebart, D. Johnson, B. Fenner, F. Conte.

2. Minutes of previous meeting approved as read. Moved by O. Glenden and seconded by Peter Ziebart

3. Reports: Program

November 25, 1991 is guest night and will include Bill Schulert who is an illusionist. 23 couples is the minimum target number. Motion by D. Boyce to charge \$35.00 a couple and \$20.00 for a single person. Seconded by B. Fenner. James LaBar who could not attend last months



meeting, would like to attend a future meeting - possibly next year. In February John Dugan Vice Chairman of Membership will be coming to our meeting. April - Kirk Flowers to confirm the Dome tour.

Education - Darryl mentioned that he had a brief meeting with the student chapter with J. Reid and that the chapter is quite active.

ETA - No report.

Membership - The new updated list was mailed out. Send any new members to D. Johnson so they can be included in the mailout of the newsletter. Frank to order 100 Society applications from Atlanta.

Newsletter - This years rooster is to be based on last years with any new members this year to be added. Need more committee chairman input. Please submit to D. Johnson the presidential reports along with any historical reports.

Refrigeration - Bill Ovington is to head up the chairmanship.

Historical - Need four one inch binders. P. Ziebart to provide.

Treasurer - \$9044 in savings, \$1947 in chequing and \$625 to be deposited. Motion by D. Boyce to transfer \$600.00 to D. Johnson for the newsletter. Seconded by B. Fenner. Secretary to price official receipts for the guests and students. If price is too high, then obtain prices also from D. Johnson from local supply.

CRC evaluation form to be filled out by each person who attended.

Request from Professor Terasac to support the new HVAC Centre of Excellence. D. Boyce motioned to support and endorse the proposal of the HVAC Centre of Excellence and seconded by D. Johnson.

Motion by B. Fenner to pay \$77.28 to D. McIntyer for accommodation which was seconded by D. Johnson.

K. Flowers suggested a seminar on Ethics regarding the Tendering process. This will be investigated further.

Motion to Adjourn by B. Fenner and seconded by D. Johnson.



Nov. 6, 1991

ASHRAE LONDON CHAPTER

BOARD OF GOVERNORS

AGENDA

- 1) CALL TO ORDER
- 2) MINUTES OF LAST MEETING
- 3) REPORTS:
 - TREASURER
 - PROGRAM
 - RESEARCH PROMOTION
 - EDUCATIONAL ACTIVITIES
 - ETA
 - MEMBERSHIP
 - NEWSLETTER
 - RECEPTION
 - HISTORICAL
- 4) CHAPTER VISIT FORM
- 5) CRC EVALUATION
- 6) OLD BUSINESS
- 7) NEW BUSINESS:
 - HVAC CENTRE OF EXCELLENCE



ASHRAE REGION II CHAPTER VISIT REPORT

CHAPTER LONDON VISIT BY DALTON McINTYRE DATE 1991-10-28

PRESIDENT DARRYL K. ROYCE MEMBERS - CHAPTER/ASSIGNED /110 STUDENTS /21

PAGE ACT/PAR	MEMBERSHIP	MEETINGS	REFRIGERATION	RESEARCH P.	CRC	EDUCATION	ETA	PROGRAMS	TOTAL
E/Y 90-91	982/400	448/400	150/400	1223/400	665/400	375/400	150/400		3994/28
E/Y 91-92	/400	/400	/300	/400	/400	/400	/300	/300	/29
CRC '91									
CRC '92									
MBO'S									
NO of MEMB.									

EDUCATION CHM. JOHN W. REID YR. _____

VICE-CHAIRMAN _____

STUDENT MEMBER GROWTH _____

STUDENT BRANCH _____

FACULTY LIAISON _____

STUDENT AWARDS _____

CAREER GUIDANCE _____

CONTINUING EDUCATION _____

SCHOLARSHIPS _____

STUDENT NIGHT _____

ENGINEERS WEEK _____

PROGRAM CHM. OWEN BLENDON YR. _____

VICE-CHAIRMAN _____

TECHNICAL CONTENT _____

QUALITY _____

PLANNING _____

MEMBERSHIP CHM. FRANK CONTE YR. _____

VICE-CHAIRMAN _____

NUMBER OF MEMBERS _____

MEMBERSHIP NIGHT _____

SOCIETY COUNCIL OR COMMITTEE MEMBER _____

DELINQUENCY <5% _____

UPGRADES _____

CRC ATTENDANCE _____

CRC ACTION COMMITTEE CHM. _____

PLAN FOR COMMITTEE CHAIRMEN TO ATTEND CRC 92 _____

MANUAL OF CHAPTER OPERATIONS DISTRIBUTED _____

MBO'S ESTABLISHED _____ UPDATED _____

NEWSLETTER MAILED TO DRC, RVC'S, NOM MEM AND ALT AND HISTORIAN

41 *B. R. MORRIS* *CONRAD.* *CLIFF HODDGE*

MINUTES OF B of B AND CHAPTER MTGS MAILED TO DRC. _____

COMMITTEE CHM REPORTING TO B of B _____

ETA CHM. BRANT MILES YR. _____

VICE-CHAIRMAN _____

TECHNOLOGY AWARD _____

BOV'T AFFAIRS AWARD _____

CHAPTER OUTREACH ACTIVITIES _____

CHAPTER TECHNICAL ACTIVITIES _____

REFRIGERATION CHM. KIM ELLIS YR. _____

VICE-CHAIRMAN _____

TECHNICAL SESSIONS _____

CHAPTER PROGRAMS _____

SEMINARS _____

NEW MEMBER _____

CONTINUING EDUCATION _____

HANDBOOK REVIEW OR TC/TB _____

TALKS OR ARTICLES _____

RESEARCH CHM. TOM DRENNAN YR. _____

VICE-CHAIRMAN _____

RESEARCH NIGHT _____

CHAPTER GOAL _____ COLLECTED TO DATE _____

MEETINGS ATTENDANCE _____

NEW CHAPTER SECTION _____

JOINT MEETINGS _____

HISTORIAN BERT FENNER YR. _____

CHAPTER HISTORY _____

OTHER COMMENTS _____

AMERICAN SOCIETY OF HEATING, REFRIGERATION
AND AIR-CONDITIONING ENGINEERING, INC.

1791 Tullie Circle, N.E.

Atlanta, Georgia 30329

BOARD OF GOVERNOR'S MEETING MINUTES

Chapter: London

Meeting Date: October 8, 1991

Attendance: Members: 6

Guests: 0

Compiled By: Peter Ziebart

Distribution: Original to chapter files; 1 copy to Regional Chairman; 1 copy to Manager, Membership Dept., ASHRAE, Atlanta, together with one extra copy for "Journal" information.

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| 2. Call to order (time & place) | |
| 3. Roll call | 2. The new membership dues were accepted as read. Moved by T. Drennan and seconded by B. Fenner. |
| 4. Approval of minutes | |
| 5. Reports | |
| 6. Election | 3. Reports. |
| - Members | |
| - Officers | Treasurer - No Report |
| 7. Old business | Education - No Report |
| 8. New business | Membership - No Report |
| 9. Speaker | Research - The Research Canada newsletter will be inserted in the next newsletter to be supplied to Don Johnson by Oct. 16, 1991. |
| 10. Discussions | |
| 11. Motions | |
| 12. Resolutions | |
| 13. Other features | |
| 14. Adjournment | Refrigeration - Need a new person to head this committee. Kim Ellis will contact Keeprite to see if the new |

person would be interested.

Old Business. None

New Business. None

Historical B. Fenner to draft up history of the London Chapter from 1972 to present. This is in preparation for the 100 year anniversary.

Newsletter - F. Conte to provide goals and objectives for membership and J. Reid the same for education. Send this information to D. Johnson. This years rooster is to be mailed out in January/1992.

Energy & Technical Affairs - Michael Gubish of Chorley & Bisset to assist Grant Miles in the ETA committee. February 11, 1991 is the local London and District Construction Association trade show. Be sure to mention to local consultants and other industry related companies to attend. Ontario Hydro, London PUC and Grant Miles to set up the local ASHRAE 90.1 team to launch the new program by Ontario Hydro.

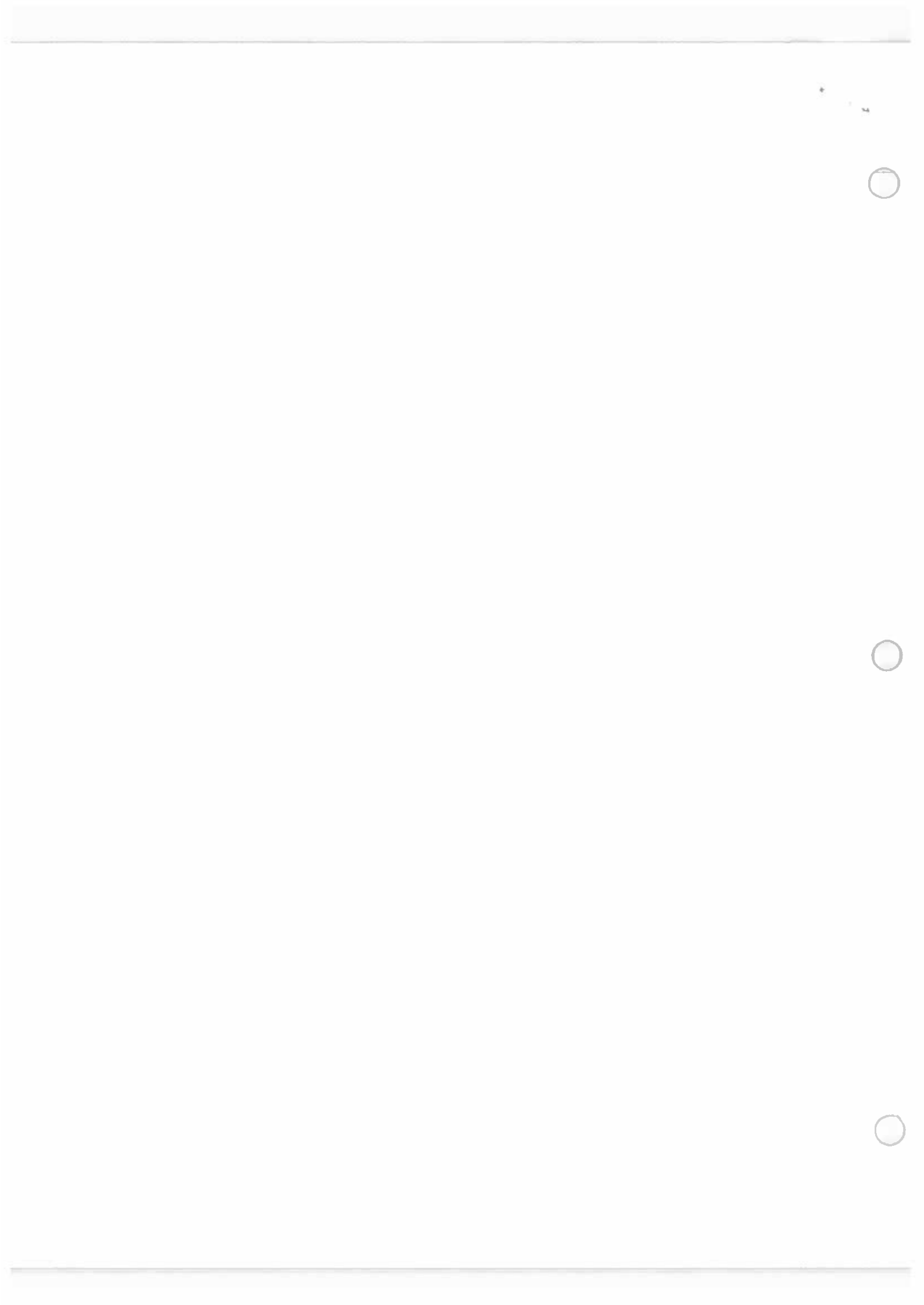
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November Spouse and/or significant other night. Planning to have a magician and a dinner evening at the Art Gallery.

Technical Session - To place more emphasis on speaker than videos. One topic should be the ventilation standard.

April - Dome Tour Check with Kirk Flowers to see if he can arrange.

IMPORTANT

The next Board of Governors meeting will be on October 28, 1991 at 4:30 PM SHARP at the Highland Golf and Country Club. Our Regional Chairman Dalton McIntyre will be there.



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2. The new membership dues were accepted as read. Moved by T. Drennan and seconded by B. Fenner.

3. Reports.

Treasurer - No Report

Education - No Report

Membership - No Report

Research - The Research Canada newsletter will be inserted in the next newsletter to be supplied to Don Johnson by Oct. 16, 1991.

Refrigeration - Need a new person to head this committee. Kim Ellis will contact Keeprite to see if the new

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AND AIR-CONDITIONING ENGINEERING, INC.

1791 Tullie Circle, N.E.

Atlanta, Georgia 30329

BOARD OF GOVERNOR'S MEETING MINUTES

Chapter: London

Meeting Date: September 3, 1991.

Attendance: Members: 10

Guests: _____

Compiled By: Peter Ziebart

Distribution: Original to chapter files; 1 copy to Regional Chairman; 1 copy to Manager, Membership Dept., ASHRAE, Atlanta, together with one extra copy for "Journal" information.

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OF ITEMS TO BE REPORTED

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| 1. Presiding Officer | 1. Meeting called to order at the University of Western Ontario at 5:00 PM. |
| 2. Call to order (time & place) | 2. Present: ✓ F. Conte ✓ |
| 3. Roll call | ✓ G. Hilliard ✓ |
| 4. Approval of minutes | ✓ J. Reid ✓ |
| 5. Reports | ✓ D. Boyce, President ✓ |
| 6. Election | ✓ O. Glendon ✓ |
| - Members | ✓ D. Johnson ✓ |
| - Officers | ✓ P. Ziebart ✓ |
| 7. Old business | ✓ C. Clemance ✓ |
| 8. New business | ✓ T. Drennan ✓ |
| 9. Speaker | ✓ K. Ellis ✓ |
| 10. Discussions | 3. Last Minutes read by O. Glendon and accepted by J. Reid and seconded G. Hilliard |
| 11. Motions | |
| 12. Resolutions | |
| 13. Other Features | 4. D. Boyce reported that we did not have enough POAE points for an award. |
| 14. Adjournment | |

✓ KERR FLOWERS
TREASURER.



4. Con't. Next year place more emphasis on the points . Get word out how to get the points from the membership in the newsletter and emphasis at the beginning of meetings.

5. Treasurer Report Need VP, President and Treasurer signatures at the bank. These three people to arrange this. Darryl to find someone to audit the books.

Education Report Will contact UWO prof to start program. Darryl is on two committees to raise the interest of math and science subjects in the elementary school level. The USA wish to place an Engineer in most of the schools. The next meeting will be in Washington on December 14, 1991.

A similar program is hoped to get off the ground for Ontario and Darryl had a meeting earlier this year. The program is called Outreach.

Membership Report To send out letters to associate members to try to get them to sign up. Need a membership application form for the chapter. Frank to develop a strategy on how we can help him. Get ideas from the chapter members and possible expand into areas where there are high profile topics. Darryl to wend for the new blue cover chapter guideline book and the disk of assigned members. Frank to put together a package for members.

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Refrigeration Report No report.

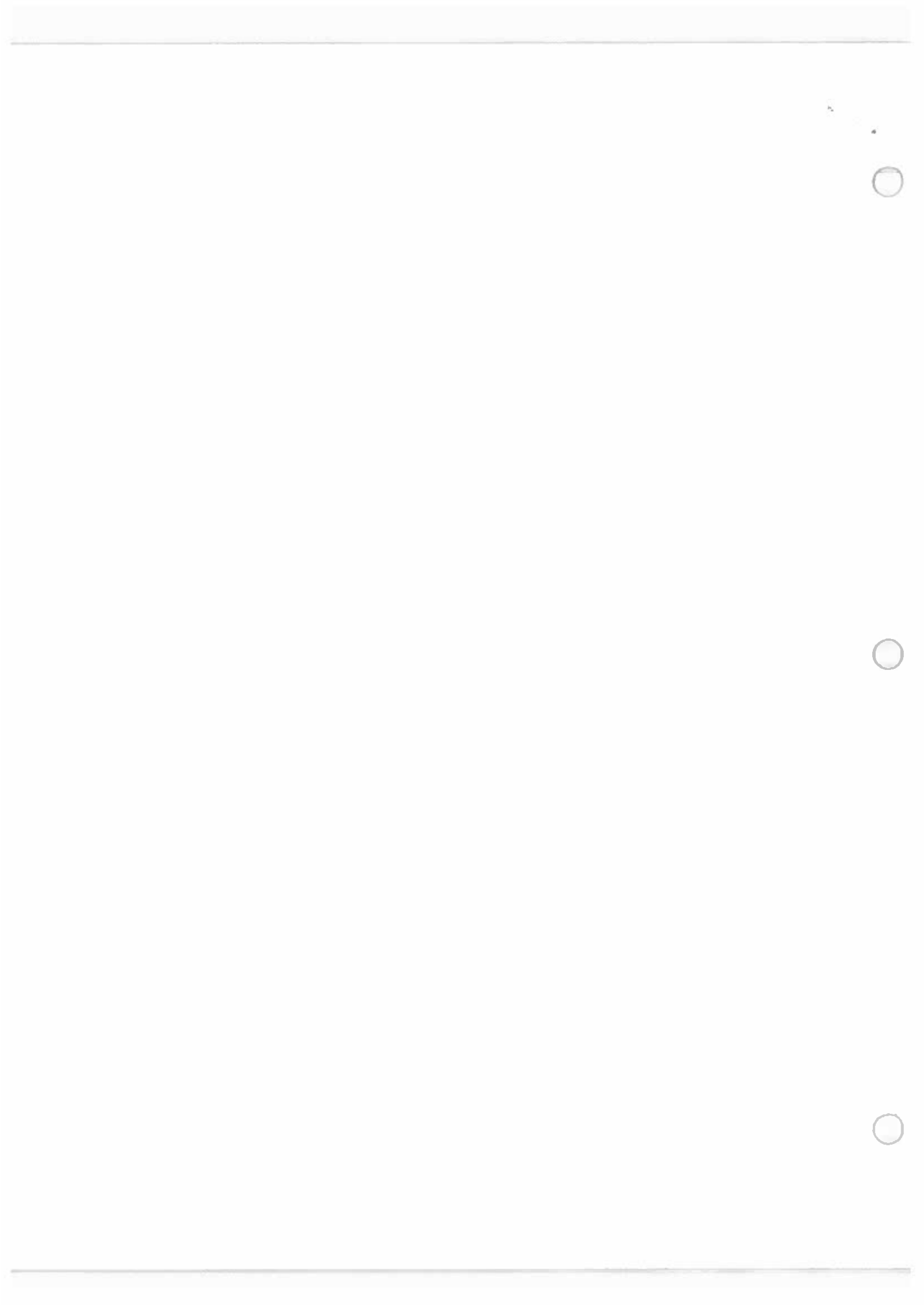
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Old Business None

New Business Chapter Fees Will review at meeting the location and the fee and fee structure. If we keep the same structure it will be \$125.00. Out of town \$40.00 one time and \$20.00 per meeting and guests will be charged \$20.00 also. Students will be \$10.00.

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Chapter: London

Meeting Date: September 3, 1991.

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Grant Hilliard -

1. - Fenner, Moved. -
 Birtinal Secured. UNION GAS.
2. - Spoke on new programs.

AMERICAN SOCIETY OF HEATING, REFRIGERATION
AND AIR-CONDITIONING ENGINEERING, INC.
1791 Tullie Circle, N.E.
Atlanta, Georgia 30329

BOARD OF GOVERNORS'S MEETING MINUTES

CHAPTER: London MEETING DATE: 4 June/1991

ATTENDANCE:- MEMBERS: 4; GUESTS: ; COMPILED BY: O. Glendon

DISTRIBUTION: *Original to chapter files, 1 copy to Regional Chairman, 1 copy to manager, Membership Dept., ASHRAE, Atlanta, together with one extra copy for "Journal" information.*

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 14. Adjournment
1. Meeting called to order at 5:00 p.m. at Highland Golf Club.
 2. Present:
 - T. Drennan, President
 - D. Boyce
 - O. Glendon
 - J. Reid
 3. Minutes of May Board of Governors Meeting read and accepted by D. Boyce, seconded by T. Drennan.
 4. O. Glendon to get resume from J. Bisset - Re: Regional Award of Merit.
 5. Treasurer not present, no report.
 6. CRC. T. Drennan suggested the following Chairmen attend Windsor CRC.
 - J. Reid
 - P. Ziebart
 - G. Miles
 - O. Glendon
 - K. Ellis
 - F. Conte
 7. P.A.O.E. Points
 - 1) O. Glendon has sent all Meeting Minutes to date to Regional Chairman and ASHRAE Atlanta.

- 2) J. Reid has completed tally of points for education less response on Members at courses. J. Reid to follow up.
- 3) Group discussed points available in refrigeration and membership categories. T. Drennan to follow up.
8. Golf Tournament confirmed for June 24, 1991.
9. O. Glendon motioned adjournment at 5:45 p.m.

AMERICAN SOCIETY OF HEATING, REFRIGERATION
AND AIR-CONDITIONING ENGINEERING, INC.
1791 Tullie Circle, N.E.
Atlanta, Georgia 30329

BOARD OF GOVERNORS'S MEETING MINUTES

CHAPTER: London MEETING DATE: MAY 11 1991

ATTENDANCE:- MEMBERS: 7; GUESTS: ; COMPILED BY: O. Glendon

DISTRIBUTION: *Original to chapter files, 1 copy to Regional Chairman, 1 copy to manager, Membership Dept., ASHRAE, Atlanta, together with one extra copy for "Journal" information.*

SUGGESTED CHECK LIST
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Minutes
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 6. Election
- Members
- Officers
 7. Old Business
 8. New Business
 9. Speaker
 10. Discussions
 11. Motions
 12. Resolutions
 13. Other Features
 14. Adjournment
1. Meeting called to order at 5:00 p.m. at Highland Golf Club.
 2. Present:
 - T. Drennan, President
 - K. Ellis
 - P. Ziebart
 - G. Miles
 - B. Fenner
 - O. Glendon
 3. Minutes of April Board of Governors Meeting read and accepted by G. Miles, seconded by K. Ellis.
 4. O. Glendon to approach J. Bisset Re: Regional Award of Merit.
 5. Treasurers Report: P. Ziebart indicated that balance in current account is less than \$600. P. Ziebart to transfer funds from savings as required.
 6. CRC - discussed Chapter paying for delegate and alternate expenses. This includes mileage, rooms, meals and registration.

O. Glendon motioned that \$1,000.00 be provided for Committee Chairmen expenses (total) to attend CRC. G. Miles seconded. All agreed.

7. Committee Reports

1. Education, not present, no report.
2. Membership, not present, no report.
3. Research, not present, no report.

4. Energy, G. Miles

Discussed proposed Ontario Hydro "Product Knowledge" Seminary regarding ASHRAE 90.1. Board of Governors to assist in putting together a list of possible invitees.

P. Ziebart to approach Dean Jordan, Ontario Hydro, Re: Seminar.

5. Refrigeration, K. Ellis

Dennis Kozina of Copeland Inc. will by May Speaker, Chapter Meeting.

Topic to be "The Aspect of Refrigerants on Compressor Technology".

6. Program

1. May Technical Session to be presented by P. Ziebart. Topic is "High Efficiency Motors".
2. June Golf Tournament date determined to be June 24, 1991 despite conflict with Indianapolis ASHRAE meeting.
Golf to be held at Thames Valley Golf Club.
Organization by D. Palser. Sponsored by Bartley Heating.

7. O. Glendon motioned adjournment at 5:45 p.m.

AMERICAN SOCIETY OF HEATING, REFRIGERATION
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1791 Tullie Circle, N.E.
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BOARD OF GOVERNORS'S MEETING MINUTES

CHAPTER: London MEETING DATE: 1 April 1991

ATTENDANCE:- MEMBERS: 4; GUESTS: ; COMPILED BY: O. Glendon

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- | | |
|---------------------------------|--|
| 1. Presiding Officer | 1. Meeting called to order at 5:00 p.m. at Highland Golf Club. |
| 2. Call to order (Time & Place) | 2. Present: |
| 3. Roll Call | T. Drennan, President |
| 4. Approval of Minutes | D. Boyce |
| 5. Reports | O. Glendon |
| 6. Election | G. Miles |
| - Members | 3. Minutes of March Meeting read by O. Glendon and accepted by G. Miles, Seconded by D. Boyce. |
| - Officers | 4. T. Drennan indicated that the actual L.D.C.A. Trade Show earnings were 2,319. |
| 7. Old Business | 5. P. Ziebart has sent out money to Norm Johnson for Regional Fund. |
| 8. New Business | 6. The CRC account G.I.C. Fund has been closed, and the money deposited in a Savings Account. |
| 9. Speaker | 7. T. Drennan to inform P. Ziebart to send \$4.50 per Chapter Member to Windsor Chapter for the upcoming CRC. This motion was accepted by O. Glendon and seconded by D. Boyce. |
| 10. Discussions | 8. Society has a compiled list (Computer Disk) of all area assigned Members for Chapter use if required. Cost is \$75 U.S. Chapter has decided to decline offer. |
| 11. Motions | |
| 12. Resolutions | |
| 13. Other Features | |
| 14. Adjournment | |



9. O. Glendon to approach J. Bisset regarding his application for an Award of Merit.
10. O. Glendon to save 30 Rosters for Windsor CRC distribution.

11. COMMITTEE REPORTS

1. Treasurer not present, no report.
2. Education Chairman not present, no report.
3. Membership Chairman not present, not report.
4. Research Chairman not present, no report.
5. Refrigeration Chairman not present, no report.

6. PROGRAM - D. BOYCE

April Meeting will be Tom Tamblyn of Engineering Interface. Topic "What Building Owners and Designers Should Know About ASHRAE Standard 90.1.

NOTE: April is Membership Meeting.

April Tech Session - D. Palser has expressed interest in discussing Humidification. O. Glendon to talk to Dick about making Presentation generic.

Possible alternative is "World of Alternative Fuels".

May Meeting - has not been determined.

June Meeting - Golf Tournament. T. Drennan to approach H. Palser and Carrier (Dave Henry) Re: Organization and Sponsorship.

12. O. Glendon motioned adjournment at 5:45.

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1791 Tullie Circle, N.E.
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BOARD OF GOVERNORS'S MEETING MINUTES

CHAPTER: London MEETING DATE: 11 March/1991

ATTENDANCE:- MEMBERS: 8; GUESTS: ; COMPILED BY: O. Glendon

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13. Other Features
14. Adjournment

1. Meeting called to order at
4:45 p.m. at Highland Golf Club.
2. Present:
T. Drennan, President
J. Reid
B. Fenner
K. Ellis
P. Ziebart
G. Hilliard
O. Glendon
B. Reynolds
3. Minutes of February Board of
Governors' Meeting read by O.
Glendon and accepted by G. Hilliard
seconded by K. Ellis.
4. T. Drennan reported that L.D.C.A.
Trade Show netted about \$3,000 for
the Chapter.
5. O. Glendon put forth a motion for
the Chapter to donate \$1,000 to
ASHRAE Research this year. T.
Drennan agreed, seconded by B.
Reynolds with unanimous approval.
This donation to be reviewed on a
yearly basis.
6. Board decided to continue mailing
newsletter instead of faxing.

However, the following was
suggested to get the newsletters
out sooner each month.

- 1) Have Board of Governors Meeting on First Monday of month.
- 2) Have all pertinent data into newsletter writer as soon as possible.
7. P. Ziebart to send check to Norm Johnson for \$.50/Chapter member for Regional Fund.

8. COMMITTEE REPORTS

Treasurer (P. Ziebart)

Current Account	\$2006.75
Savings Account	5657.25
CRC Account	3716.63

EDUCATION - (J. REID)

1. Student Chapter now has a bank account and Board can review \$100 donation.
2. O. Glendon suggested that Student Chapter keep Minutes of Meetings and forward to Chapter Secretary. J. Reid to request.
3. C. Clemance viewed 1990 ME400 projects and suggested an Award be presented. J. Reid to present ASHRAE plaque at Awards Night (U.W.O.)
4. O. Glendon to send ASHRAE instructional video "Selection of Air Distribution Products" to Walter Deans for his review prior to March Tech. Session.
5. J. Reid suggested ASHRAE video "World of Alternate Fuels" could be shown at a future Tech. Session.
6. Board of Governors decided not to participate in A.P.E.O. display at White Oaks Hall this year.

MEMBERSHIP

1. B. Reynolds to review membership for upgrading of status.

RESEARCH (G. HILLIARD)

1. G. Hilliard has sent out letter to individuals/companies whom in last 2 years has donated.
2. Grant to provide list of letter recipients to Board of Governors for further solicitation.

REFRIGERATION (K. ELLIS)

1. K. Ellis to search for suitable speaker on "Compressor Technology", possibly for May Chapter Meeting.
2. Kim also suggested that new London Life tower "Ice Storage System" could be an interesting topic. G. Hilliard to approach Consultant Re: Presentation.

PROGRAM - D. BOYCE

- 1) Not Present
 - 2) March Chapter Meeting Speaker, Dean Mathurs.
 - 3) April Chapter Meeting - Could be ASHRAE 90.1 Forum. O. Glendon to check with John Bisset Re: Speakers.
 - 4) April to be Membership Night. Guest meals to be offered at half price, \$10.00.
9. Motioned by B. Reynolds to adjourn Meeting at 6:00 p.m.

ORG:mer

AMERICAN SOCIETY OF HEATING, REFRIGERATION
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1791 Tullie Circle, N.E.
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BOARD OF GOVERNORS'S MEETING MINUTES

CHAPTER: London MEETING DATE: 11 February/1991

ATTENDANCE:- MEMBERS: 7; GUESTS: ; COMPILED BY: O. Glendon

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 14. Adjournment
1. Meeting at Highland Golf Club called to order at 4:45 p.m.
 2. Present:
 - T. Drennan, President
 - F. Conte
 - O. Glendon
 - G. Hilliard
 - D. Boyce
 - K. Ellis
 - P. Ziebart
 3. Minutes of February Board of Governors' Meeting read by O. Glendon and accepted by D. Boyce, seconded by P. Ziebart.

The following corrections to January minutes to be made.

Education Report

\$100.00 donation not previously accepted.

4. COMMITTEE REPORTS

Energy and Technical Affairs -
(G. Miles)

Not present

Education and Chapter Programs
(John Reid)

Not present

February Tech Session to be a showing of ASHRAE videotape "Fan Selection and Application". Owen Glendon and Darryl Boyce to present.

March topic will be "Diffuser and Grille Selection" by Walter Deans.

Owen Glendon to emphasize starting time in newsletter.

Owen Glendon to mail out Rosters and Newsletters to all society member within reasonable travelling distance of meetings.

Research - (G. Hilliard)

Grant to give lists of prospective donors to Board Members for solicitation. Letters to past donors have been mailed.

Refrigeration - (K. Ellis)

No report.

Treasurers Report - (P. Ziebart)

Current Account - \$1800.00
Savings Account - \$5657.25
CRC Account - \$3716.63

Program - (D. Boyce)

February Meeting - Bob Young of The Ministry of Energy, Topic "The Ministries Direction in Energy Management".

March Meeting - Dean Mathurs of U.W.O.

5. Motioned by O. Glendon to adjourn meeting at 5:45 p.m., seconded by D. Boyce.

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1791 Tullie Circle, N.E.
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BOARD OF GOVERNORS'S MEETING MINUTES

CHAPTER: London MEETING DATE: January 1991

ATTENDANCE:- MEMBERS: 8; GUESTS: ; COMPILED BY: O. Glendon

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13. Other Features
14. Adjournment

1. Meeting at Highland Golf Club called to order at 4:45 p.m.
2. Present:
T. Drennan, President
D. Boyce
O. Glendon
G. Miles
J. Reid
K. Ellis
P. Ziebart
G. Hilliard
3. Minutes of October Board of Governors' Meeting were approved as read by G. Miles, seconded by D. Boyce.
4. Discussed possible Kitchener/Waterloo Chapter. D. Boyce indicated that discussions will be heard at next Regional Council. G. Miles suggested asking possible Chapter individuals to London Chapter meeting. G. Miles will contact individuals.

5. COMMITTEE REPORTS

ENERGY AND TECHNICAL AFFAIRS (G. MILES)

- G. Miles reminded Board of Governors that submission deadline for "Innovative Design Award" is January 15, 1991. Response has been

sparse. G. Miles requested that Board of Governors help promote award, and also to encourage local Chapter Members to attend Awards Banquet. The Banquet is February 12th, 12:00 Noon, London Fair "Paddock Room". Lunch and banquet to be \$16.00/person, with Cash Bar. Owen Glendon to publish in Newsletter.

- G. Miles reminded Board of Governors that about 25 Trane show booths are still available.
- D. Boyce to give presentation at "Energy Forum" on March 20, 1991.

EDUCATION AND CHAPTER PROGRAMS (J. REID)

- "Technical Presentations" will be given before regular Chapter Meetings, starting with the January meeting. These Technical Sessions will start at 5:30 p.m., and will be held in the Highland Board of Governors Meeting Room.
- Possible Topics are:
 - "Ammonia - A Tool To Respect"
 - "Diffuser Selection"
 - "Fan and/or Pump Selection"
- T. Drennan to arrange for room and audio and visual equipment if needed.
- O. Glendon to publish in newsletter.
- J. Reid requested that a previously accepted \$100.00 donation to student Chapter, be issued automatically and yearly. Board of Governors agreed that the student chapter submit financial

statements and bank account prior to donation. Donation to student chapter to be reviewed annually by Board of Governors.

- Engineers Week
- suggestions for local chapter involvement.
- University 400 term projects
- Wind tunnel mockups.
- L.D.C.A. Innovative Design Award Submissions
- J. Reid and T. Drennan to follow up with Local A.P.E.O. representative.
- O. Glendon to put student branch President on newsletter mailing list.

RESEARCH - (G. HILLIARD)

- G. Hilliard and T. Drennan and C. Clemance to meet to help smooth transition from G. James.

REFRIGERATION - (K. ELLIS)

- O. Glendon suggested tour of Labatt's Mini Brewery for Chapter Meeting. T. Drennan to follow up.

TREASURERS - (P. ZIEBART)

Current Account	-	\$2,340.00
Savings Account	-	-
CRC Account	-	\$3,716.63

Response on membership payments has been good.

P. Ziebart to give list of delinquent memberships to S. Lockhart for next chapter meeting.

PROGRAM (D. BOYCE)

- January Meeting - Speaker is P. Golem. Topic - "Indoor Air Quality".
- February Meeting -

- March Meeting - Speaker is Dean Mather. Topic - "Engineering Future".
- April Meeting - Suggestion of forum on ASHRAE Standard 90.1, including local Architects as a joint meeting, stressing a "Team Approach To Energy Efficient Designs".
- May Meeting - Suggest tour of Labatt's or Molsons.
- G. Miles suggested meeting topics possible out of local oil and glass exploration. G. Miles to give D. Boyce information.

NEWSLETTER AND ROSTER (O. GLENDON)

- O. Glendon to - Update 1991 Roster
 - publish request for name/address/telephone - fax number changes in newsletter.
 - O. Glendon to approach D. Johnson to take over newsletter duties.
- 6. Motioned by D. Boyce to adjourn meeting at 6:00 p.m. Seconded by O. Glendon.

AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR-CONDITIONING ENGINEERING, INC.
1791 Tullie Circle, N.E.
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BOARD OF GOVERNORS'S MEETING MINUTES

CHAPTER: London MEETING DATE: 15 October 1990

ATTENDANCE:- MEMBERS: 6; GUESTS: ; COMPILED BY: O. Glendon

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1. Meeting at Highland Golf Club called to order at 4:45 p.m.
2. Present:
 1. Presiding Officer T. Drennan, President
 2. Call to order D. Boyce
(Time & Place) O. Glendon
 3. Roll Call B. Fenner
 4. Approval of Minutes G. James
 5. Reports G. Miles
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 9. Speaker
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 13. Other Features
 14. Adjournment
3. Minutes of the September Board of Governor's Meeting were approved as presented. Moved by D. Boyce, Seconded by P. Ziebart.
4. Committee Reports
 - Education and Chapter Programs (J. Reid - not present):
 - Discussed benefits of becoming involved with local APEO (Association of Professional Engineers of Ontario). Careers Day and Career Expo. O. Glendon to follow up with J. Reid about approaching APEO representative.
 - Energy and Technical Affairs (G. Miles):
 - Applications for ASHRAE related booths at 1991 LDCA (London District Construction Association) trade show down significantly from last year. G. Miles to continue push for commitments. O. Glendon to advertise in newsletter. G. Miles indicated that an invitation for submission had been drawn up for the "Building Design Award".
 - G. Miles suggested that Chapter get involved in "Energy Forum Exhibition" to be held in March 1991. Possibly one chapter member could present Standard 90.1.

4. Committee Reports - continued

Energy and Technical Affairs (G. Miles): - cont'd

An ASHRAE booth was suggested. P. Ziebart to provide information as it becomes available.

Program (D. Boyce)

October Meeting

The topic will be "Direct Digital Controls - The University of Western Ontario Approach".

- November Meeting - Ladies Night

- D. Boyce has tentatively arranged for a "Murder Mystery" Dinner Night at the Marienbad Restaurant, 19 November 1990. Costs to be about \$25.00 - \$30.00/person.

- Chapter to charge \$35/couple for Chapter Members and \$50/couple for Non Members.

- Moved by O. Glendon, Seconded by G. James.

5. Refrigeration

T. Drennan to approach K. Ellis re retaining Refrigeration Chairmanship.

6. Newsletter

O. Glendon to approach S. Lockhart re writing of newsletter. Copy of all future newsletters to go to Norm Johnson and other Chapters.

7. Chapter Constitution

T. Drennan to process Chapter Constitution and Bylaws.

8. P.A.O.E. Points

T. Drennan to issue P.A.O.E. Points 1990/91 Guidelines to all Chapter Chairmen.

9. ASHRAE Video Tapes

D. Boyce to attempt to obtain ASHRAE video tapes and slides on new Standard 90.1 for review by Board of Governors.

10. Refrigeration Congress

Information on "XVIII International Congress of Refrigeration Organizing Committee" to be made available to Chapter Members at next Chapter Meeting.

-
11. Motioned by O. Glendon to adjourn meeting at 6:00 p.m.
Seconded by B. Fenner.



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1791 Tullie Circle, N.E.
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BOARD OF GOVERNORS'S MEETING MINUTES

CHAPTER: London MEETING DATE: 10 September 1990

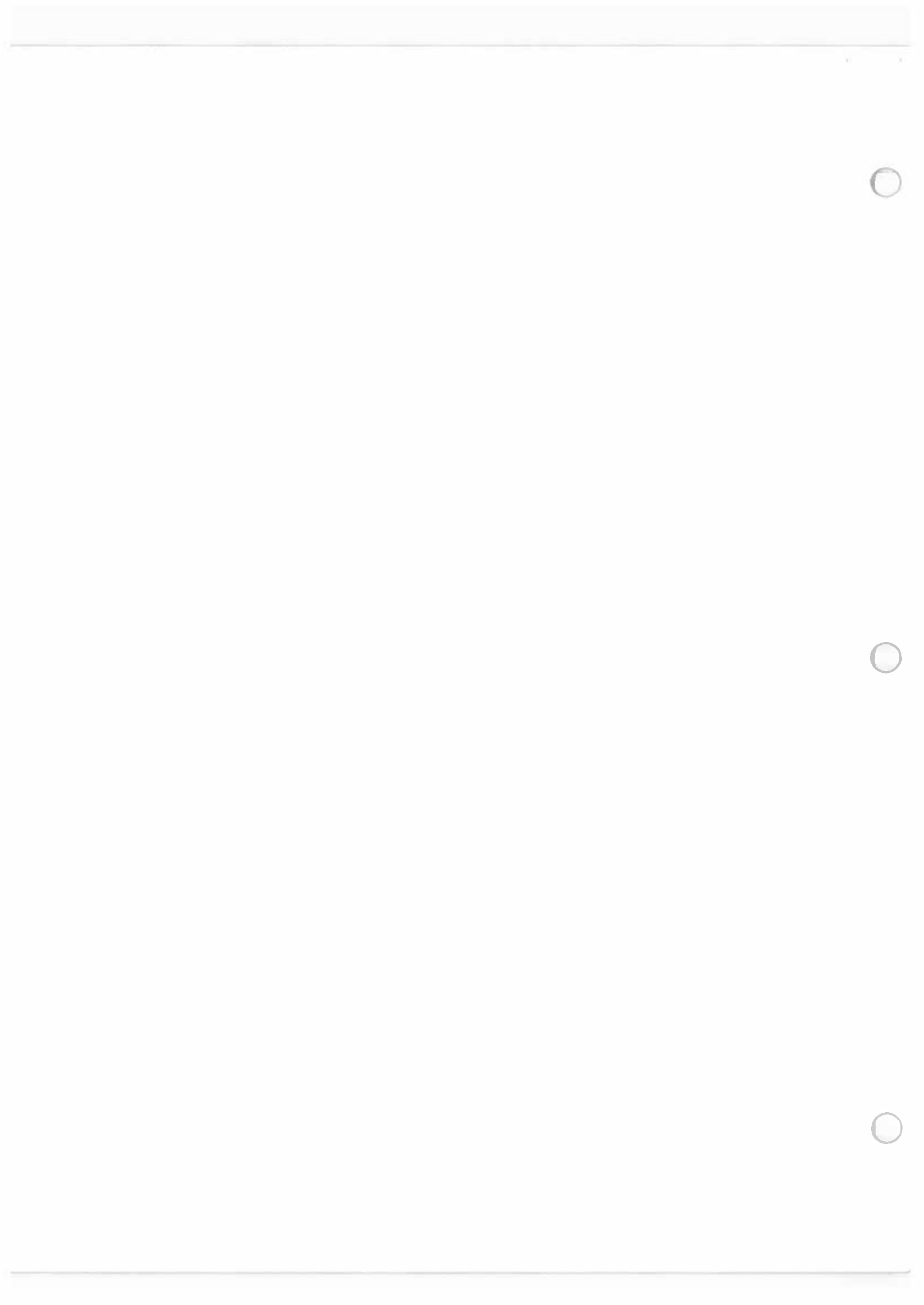
ATTENDANCE:- MEMBERS: 7; GUESTS: ; COMPILED BY: O. Glendon

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13. Other Features
14. Adjournment

1. Meeting at Highland Golf Club called to order at 4:45 p.m.
2. Present:
 - T. Drennan, President
 - D. Boyce
 - O. Glendon
 - B. Fenner
 - G. James
 - G. Miles
 - J. Reid
3. Minutes of the June Board of Governor's Meeting were approved as presented, with the exception "Research promotion goal was \$5,000, not \$1,500 as stated". Seconded by Bert Fenner.
4. Committee Reports
 - Education and Chapter Programs (J. Reid):
 - Discussed possible Secondary School ASHRAE Scholarships, the use of ASHRAE video tapes for School presentations, and contact with local School Boards.
 - Tabled for review at further meetings.
 - Energy and Technical Affairs (G. Miles):
 - Local City Hall plans examiners have been approached for possible memberships.
 - Program (D. Boyce):
 - September Meeting Speaker/Topic set, Trigen "District Heating and Cooling"



4. Committee Reports - continued

Historical (B. Fenner):

- London Chapter has Minutes from Moncton, CRC. These are to be handed over to Bert Fenner.
- Discussion of possible P.A.O.E. points award system allotted for Historical Committee.

5. Treasurer's Report (O. Glendon):

As of 31 August 1990 Balances were:

Current Account	:	\$406.44
Savings Account	:	\$5,679.41
CRC Account	:	\$3,900.00

6. Chapter Fees

Chapter Fees to be frozen again at 1988/89 levels as follows:

Full Chapter	:	\$110.00
Out of Town	:	\$ 40.00 + \$20.00/meal
Students	:	\$ 7.00/meal
Guests	:	\$ 20.00/meal

Motioned by O. Glendon, seconded by G. Miles

7. Meal Costs

The Highland has indicated that the 1990/91 meal costs will be \$16.00/meal, taxes and gratuities included. T. Drennan to contact the Highland re meeting dates.

8. February Meeting

Further discussion regarding lunch meeting for February Business Meeting. G. Miles to keep Board of Governors informed as plans progress.

9. Kitchener/Waterloo Chapter

Discussed the possibility of starting a new chapter in the Kitchener/Waterloo area. Tom Drennan to approach Norm Johnson regarding evaluation of the area.



10. CRC Account

G. Miles motioned to have funds from CRC account be transferred to the Savings Account when the current bill matures. Seconded by B. Fenner.

11. Motioned by O. Glendon to adjourn meeting at 6:00 p.m.
Seconded by D. Boyce

