

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

1791 Tullie Circle, N.E.

Atlanta, Georgia 30329

BOARD OF GOVERNOR'S MEETING MINUTES

PHYSICAL PLANT FACILITIES ENGINEERING & CONSTRUCTION	
COPY —	CIRC. —
FILE —	
JUL 14 1992	
DKB —	UBS —
JMD —	DLM —
CKK —	WCC —
OTHER —	
BF —	

Chapter: London

Meeting Date: June 8, 1992.

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.

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 4:45 at the University of Western Ontario.
 2. Present Don Johnson, Grant Hilliard, Darryl Boyce, Owen Glendon, Bert Fenner, Peter Ziebart, Brenda Stonehouse, Kirk Flowers, Grant Miles.
 3. CRC 1992 - Halifax Darryl and Owen have confirmed they will attend the CRC conference. Bert will represent Historian, Peter Ziebart Program, Brenda Stonehouse Education, Kirk Flowers Refrigeration, and Grant Miles ETA at the conference.
 4. POAE Points
Reviewed list for this years

submission.

5. Discussed a past president committee for our chapter. Will send out notice to our past presidents to meet quarterly. This committee will then report to the Board of Governor's quarterly.

6. Peter Golem will audit our financial statements for the past 3 years.

7. People interested in other society levels, please come forward. Regional VP for Education is coming open next year.



100



ASHRAE

General Meeting Minutes

Chapter: London
Meeting Date: April 6, 1992
Attendance: Members: 29
 Guests: 3
Compiled By: Darryl K. Boyce

1. Meeting called to order at 6:30 p.m. at the Highland Golf & Country Club. Presiding Officer: Darryl K. Boyce, President.
2. Self introductions were conducted by all members and guests in attendance.
3. Reports:
 - **Nominating Committee** - Charles Clemance announced that as Chair of the Nominating Committee, he is seeking recommendations for members to fill the position of Chapter Treasurer. The slate of officers will be presented at the April meeting, and installation of the new executive will occur at the May meeting.
 - **Program** - Dick Palser presented information on the June Golf Tournament which will be held at the Ox Bow Golf Course on June 22, 1992. More information will be provided at future meetings.
 - **Regional Vice-Chairman Membership Promotion** - John Dugan presented information on the value of ASHRAE membership and Society's latest initiative to reinforce the contribution of members directly with their employers, and improve the appreciation of Society activities. John also congratulated the Chapter for the maintenance of a strong membership.
4. Old Business: None
5. New Business: None

Cont'd...



6. Speaker:

Norm Taylor presented "Leadership: New Directions in Challenging Times." Norm presented a very informative presentation which covered the following areas:

- Why the Quality Service Revolution is so prevalent in North America.
- How does quality service affect the way businesses operate?
- What are the main elements of a Customer Service Program?
- The Art and Practice of the Learning Organization.

7. The meeting adjourned at 9:20 p.m.

**ASHRAE**

American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

ASHRAE**General Meeting Minutes**

Chapter: London

Meeting Date: February 24, 1992

Attendance: Members: 24
 Guests: 17
 Students: 0

Compiled By: Darryl K. Boyce

1. Meeting called to order at 6:35 p.m. at the Highland Golf & Country Club. Presiding Officer: Darryl K. Boyce, President.
2. Self introductions were conducted by all members and guests in attendance.
3. Reports:
 - **Research Promotion** - Tom Drennan reported that the research promotion activities are finally getting into full swing, and a total of \$825.00 has been collected to date. The Board of Governors has pledged \$1,000.00 as a Chapter donation.
 - **Program** - Kirk Flowers reported on the April meeting which is to be a tour of the Sky Dome, which will include attendance at a Blue Jays Game to be held on April 29, 1992. There are a limited number of spaces, so act fast -- first come, first served.
4. Old Business: None
5. New Business: None
6. Speaker:

William Braun presented an interesting synopsis of engineering principles utilized in the construction of London's tallest building -- One London Place. The presentation covered every aspect from the foundation through to the computerized building controls, and the unique ice storage system.
7. The meeting adjourned at 9:10 p.m.

CHAPTER MAY NOT ACT FOR SOCIETY

**ASHRAE**

American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

ASHRAE**General Meeting Minutes**

Chapter: London

Meeting Date: January 20, 1992

Attendance: Members: 26
 Guests: 15
 Students: 12

Compiled By: Darryl K. Boyce

1. Meeting called to order at 6:45 p.m. at The University of Western Ontario, University Club. Presiding officer: Darryl K. Boyce, President.
2. Self introductions were conducted by all members and guests in attendance.
3. Reports:
 - **Treasurer** - \$9,069.00 in savings, and \$377.00 in general account. All invoices to date are paid, and the number of paid members to date is 31.
 - **Educational Activities** - Committee Chair John Reid welcomed the large turnout of student members. and reported that The University of Western Ontario Student Branch is very active and the student members are soliciting help in establishing HVAC&R engineering projects for their fourth year 400 course.
 - **Membership Promotion** - To date only 35 of the 61 members listed in the Chapter Roster have paid their dues. Please get your dues payment in ASAP.
4. Old Business: None
5. New Business: None
6. Speaker:

Dr. Donald L. Allen, P.Eng., presented a very thorough and interesting technical discussion on the complex topic of noise and vibration control. Methods to resolve sound and vibration generated problems were presented, with a number of examples. Dr. Allen's presentation was enjoyed by the capacity audience, and a binder containing extensive technical data was provided to interested members and guests.
7. The meeting adjourned at 9:25 p.m.

CHAPTER MAY NOT ACT FOR SOCIETY

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

BOARD OF GOVERNORS'S MEETING MINUTES

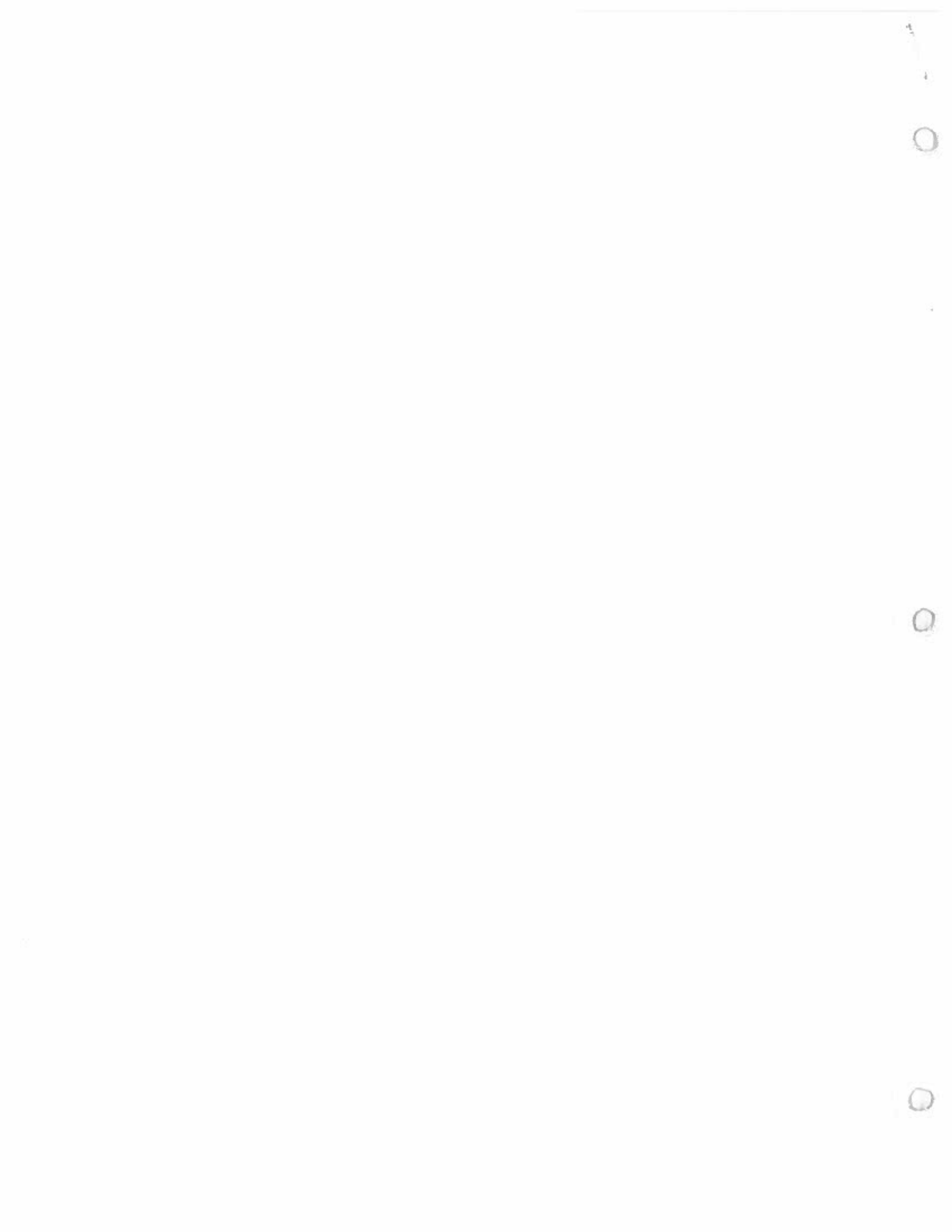
CHAPTER: London MEETING DATE: 4 June/1991

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

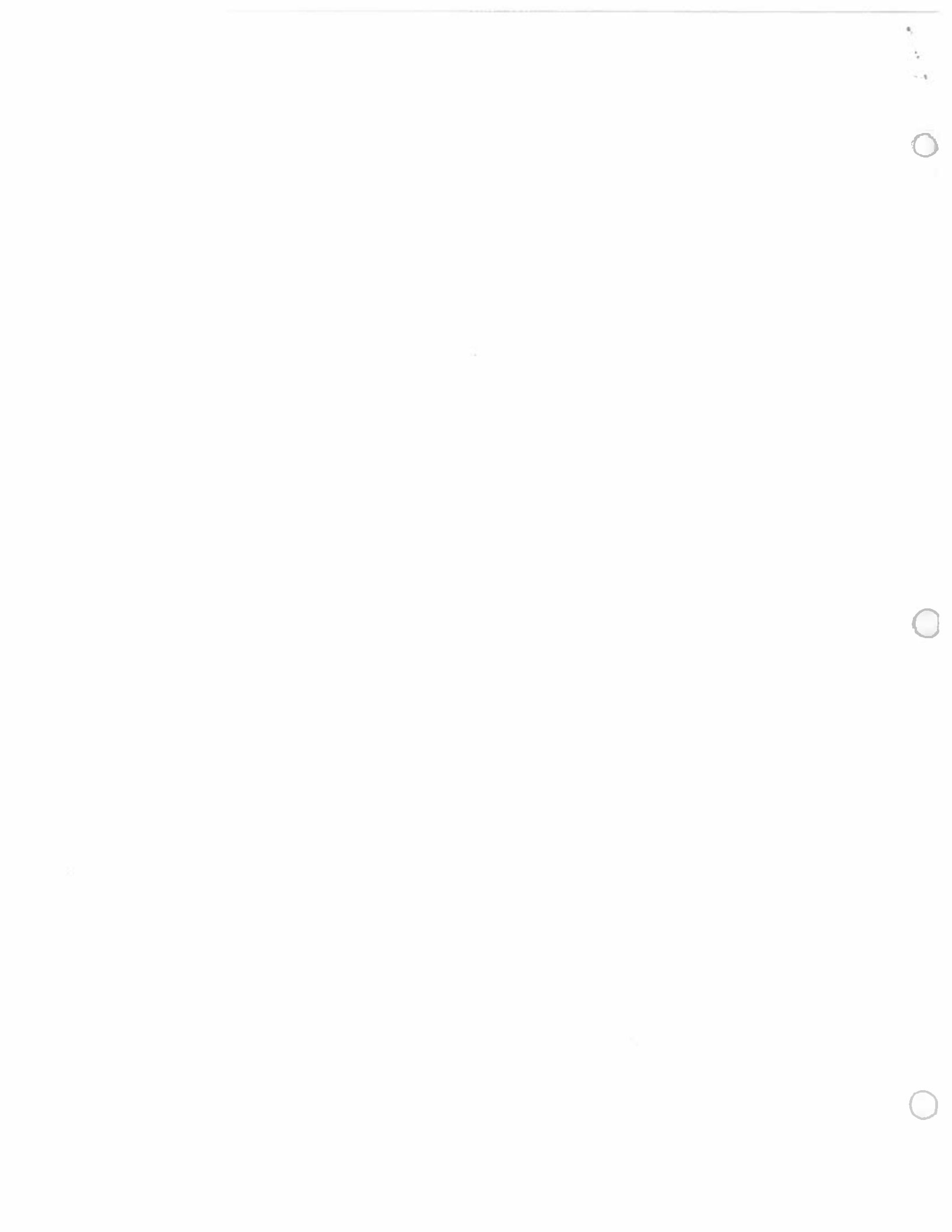
DISTRIBUTION: *Original to chapter files, 1 copy to Regional Chairman, 1 copy to manager, Membership Dept., ASHRAE, Atlanta, together with one extra copy for "Journal" information.*

**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
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

PHYSICAL PLANT FACILITIES ENGINEERING & CONSTRUCTION	
COPY —	CIRC. —
FILE —	
MAY 14 1992	
DKS —	UBS —
JMD —	DLM —
CKK —	WCC —
OTHER —	
BF —	

BOARD OF GOVERNOR'S MEETING MINUTES

Chapter: London

Meeting Date: May 5, 1992

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

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. Presiding Officer 2. Call to order (time & place) 3. Roll call 4. Approval of minutes 5. Reports 6. Election <ul style="list-style-type: none"> - Members - Officers 7. Old business 8. New business 9. Speaker 10. Discussions 11. Motions 12. Resolutions 13. Other features 14. Adjournment | <ol style="list-style-type: none"> 1. Called to order at the University of Western Ontario at 4:55 PM. 2. Present: Brenda Stonehouse, D. Boyce, B. Fenner, G. Hilliard, D. Johnson, T. Drennan, C. Clemance, G. Miles, P. Ziebart 3. <u>Program</u> May will be our 20th anniversary meeting. Three or four past presidents are scheduled to speak to give us a historical aspect to the chapter. Society president will not come to the 20th anniversary but can be approached for the 25th. Ozone depletion and CFC could be a topic for next year. Speaker to |
|---|---|

approach would be Jim Cox.

4. Nominations Grant Hilliard will be nominated for treasurer.
5. Treasurers Report Chequing has \$4750.00 and savings has 8670.00. This includes the funds from the London and District Construction Association trade show.
6. LDCA trade show Report The funds were received and deposited by Kirk Flowers. Next year awards dinner will be cancelled and the projects will only be on display at the trade show.
7. Education Report John Bisset to submit to Darryl and proceed with the transition.
8. Membership Report No report this month.
9. Research Currently still at \$2500.00. Over \$1000.00 on the way.
10. P.A. O. E. Announce to the membership by way of newsletter if anyone attended any continuing education courses from June30/91 to June 30/92. Call Brenda Stonehouse to report these courses.
11. CRC 92. This year it will be held in Halifax on August 27-29/92. Darryl and Owen will attend all three days. Don Johnson on behalf of Research and Promotion and Frank Conte on behalf of Membership will have their flights paid for by the Society. Peter Ziebart responsible for program next year is also scheduled to attend. Grant Mile is tentative at this time. Brenda is to check into the availability of the flights.
12. Newsletter Information from committee chairman and letter from Darryl Boyce is needed. Nortec is golf sponsor this year. The technical session for May will be Grant Miles on ventilation.

Motion to adjourn at 5:50 by Tom Drennan and seconded by Grant Miles.

11



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: April 1992

ATTENDANCE:- MEMBERS: 8; GUESTS: 0; 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
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
 11. Motions
 12. Resolutions
 13. Other Features
 14. Adjournment
1. Meeting called to order at
4:45 p.m. at University of Western
Ontario.
 2. Present:
D. Boyce, President
T. Drennan
O. Glendon
G. Miles
G. Hilliard
D. Johnson
B. Stonehouse
K. Flowers
 3. Program
- May Meeting is 20th
Anniversary Charter Night
- We will invite past Presidents
and pay for the meals.
- Possible Topic for Meeting -
Refrigerant 123 and Its Use in
Large Centrifugal Equipment
- May Meeting - Installation
Night.

FEED FAX THIS END

FAX	
To:	<u>DARRYL BOYCE</u>
Dept.:	_____
Fax No.:	_____
No. of Pages:	<u>3</u>
From:	_____
Date:	_____
Company:	_____
Fax No.:	_____
Comments:	<u>ASHRAE B.O.G.</u> <u>MINUTES</u>
Post-it	fax 032 7903E

April Meeting - Tour of Dome
Kirk Flowers to provide
refreshments on bus. Collections
of \$2/ refreshments will be
suggested. Money to go to ASHRAE
research.

4. Nominations
Charles Clemance to approach Grant
Hilliard re: Nominations.



5. Treasurers Report

Kirk Flowers reports: _____

Owen Glendon suggested auditing last 3 years books. Peter Golem to be approached re: auditing.

6. LDCA Report

\$2,433.15 has been raised for ASHRAE. Consultant's Dinner may be discontinued as attendance has been poor. Attendance to show was about 1,000.

7. Education Report

John Reid not present. Board suggests Brenda Stonehouse take over chair. Darryl Boyce to approach John Reid.

8. Membership Report

Two new members have been signed this month.

9. Research

Tom Drennan reported \$2,500 currently collected. Some Board members have calls to make re: donations.

10. P.A.O.E.

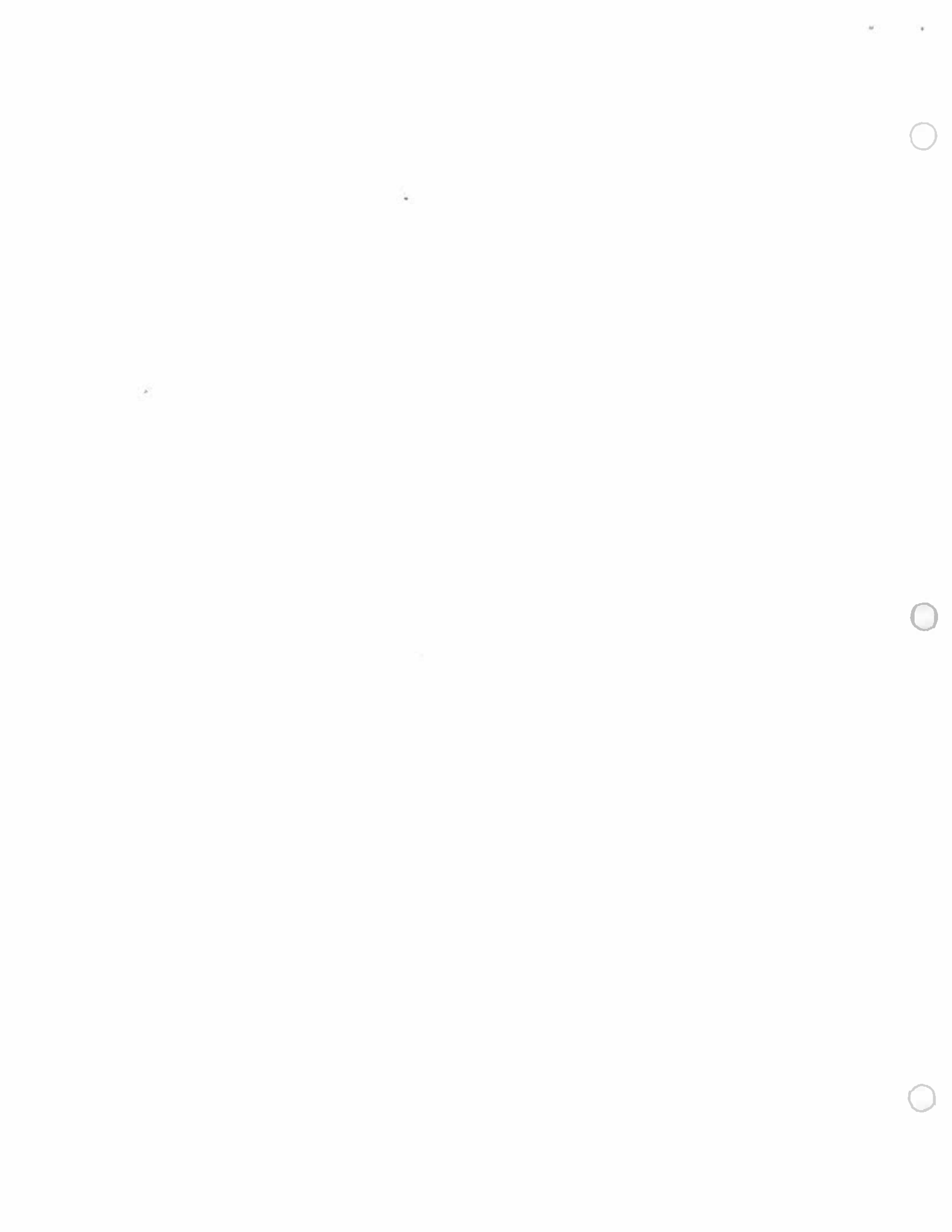
Darryl Boyce requests that local Chapter Engineering Consultants apply for ASHRAE technology awards.

11. C.R.C.

Proposals should be submitted for motions. We will request for proposals from membership through the newsletter.

Board would like to see Committee chairs go to workshops.

Tom Drennan motioned to have Committee chairs reimbursed up to \$500 each for their participation in CRC 92.



12. Newsletter
Next newsletter to be for May
Meeting. April newsletter will be
deleted.

13. Adjournment at 5:50.



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: March 1992

ATTENDANCE:- MEMBERS: 6; GUESTS: 0; 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
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 4:45 p.m. at University of Western Ontario.
 2. Present:
 - D. Boyce, President
 - T. Drennan
 - O. Glendon
 - G. Miles
 - F. Contè
 - G. Hilliard
 3. Program - Meeting Date March 30. ASHRAE 90.1 with Ontario Hydro is cancelled. March is Membership Night. J. Dugan will be attending. Possible Topics.
 - "Management of People - Change Is". D. Boyce will investigate. Tech Session is required.ASHRAE 90.1 is to be held by Ontario Hydro at the Helenic Centre on April 9/92.

Professional Development Seminar

D. Boyce suggested that we look at a P.D.S. on 90.1 for May 1992. Would need to get about 15 people attending to break even at about \$600/person. London Chapter would carry the responsibility for profits.

APRIL - Dome tour tickets have arrived.



JUNE MEETING

Golf again at Thames. Hugh Palser to approach Nortec re: sponsorship. Meal to be comparable to last year, steaks.

MAY MEETING

Owen to approach Union Gas/Ron Britnell/Absorbition Chillers for May meeting. Past Presidents' Night.

4. Nominations

April Meeting will be Nomination Meeting.

May Meeting will be Installation Night.

5. Treasurer Report

No Report.

6. ETA Report

L.D.C.A. Trade Show. About 950 attendees. Poor attendance at meal. Costs have not been assessed. Five submissions for the awards. One winner and two honourable mentions. G. Miles thanks those who helped at Trade Show registration desk.

7. Education Report

No Report.

8. Membership Report

Eric Shaw has joined local chapter. G. Hilliard to see Bill Braun re: joining chapter membership. Frank Contè to review new student member lists.

10. Research

T. Drennan to get cheque from K. Flowers for \$1,000 for Chapter donation.

T. Drennan reminds Board Members to call individuals re: donations. We have received \$1,800 donation to date. O. Glendon to ask Chorley & Bisset Ltd. re: donation.



11. London Science Fairs

Discussed possibility of ASHRAE being involved in local High School Science Fairs. Could possibly donate an award or cash for applicable projects.

12. Meeting adjourned at 5:45 p.m.

ORG:mer

11



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

BOARD OF GOVERNORS'S MEETING MINUTES

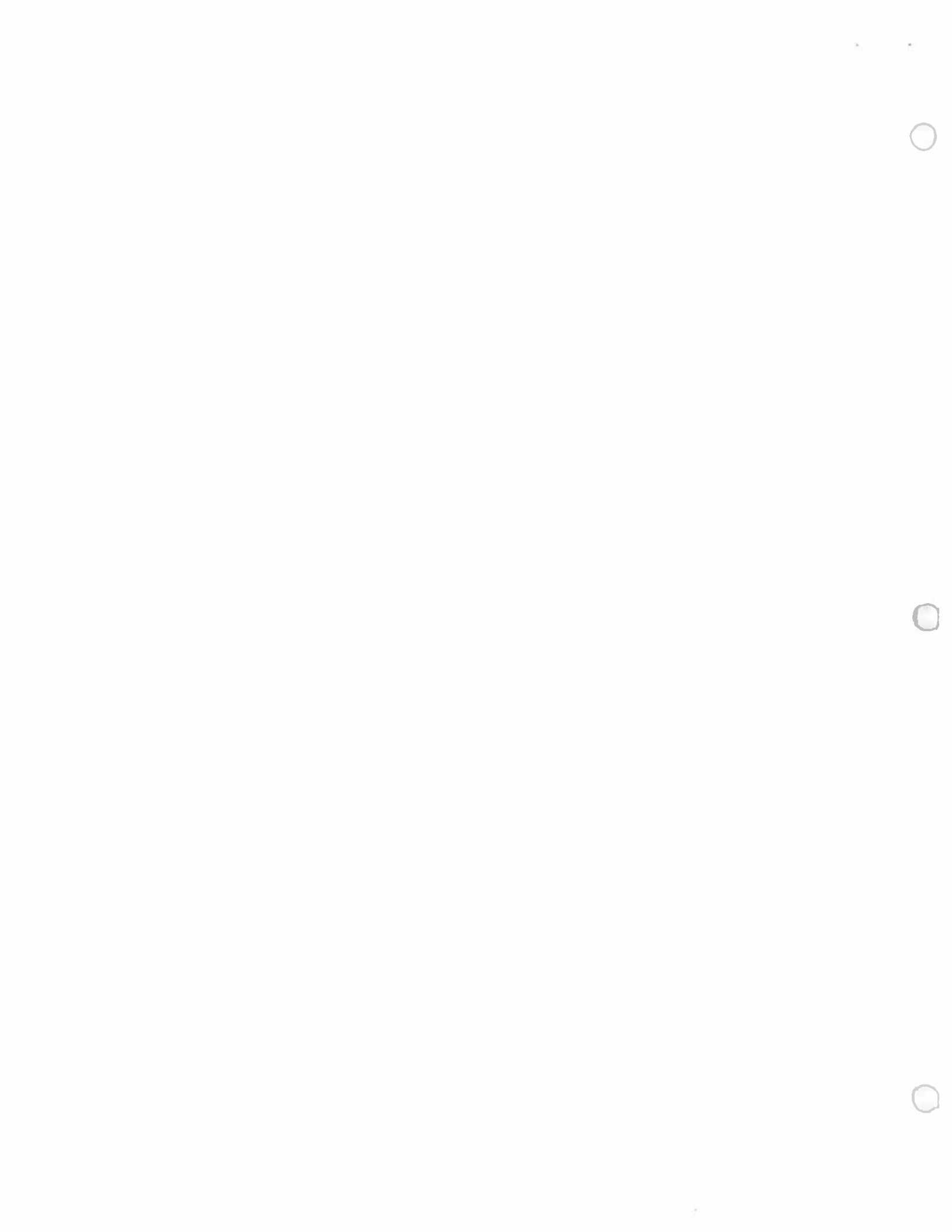
CHAPTER: London MEETING DATE: February 1992

ATTENDANCE:- MEMBERS: 8; 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
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
5:15 p.m. at University of Western
Ontario.
 2. Present:
D. Boyce, President
B. Ovington
G. Hilliard
D. Johnson
K. Flowers
O. Glendon
T. Drennan
B. Stonehouse
 3. Treasurer's Report
A few membership accounts are
outstanding. K. Flowers to send
a list of members. Letters to go
out to all past year members, not
yet resigned to ask about present
year membership.
 4. Program
January Meeting meal costs not yet
confirmed.

Future Meetings
D. Boyce to ask Membership at next
Chapter Meeting if an alternative
venue would be suitable. Possibly
return to the University.



February Meeting

Possible to PICS - Tendering process by James Leber, Management Consultant. On Team approach, Ontario Hydro incentives, London Life Tower by Bill Braun.

March Meeting

To be April 9. Topic to be ASHRAE 90.1. Meeting will be an Ontario Hydro co-hosted seminar. Possible after dinner speaker would be Tom Tamblin.

April Meeting

Skydome Tour on April 28. 47 tickets have been purchased. Noon departure, tour at 2:00 p.m., tour ends 3:30 p.m.

Tickets are \$17.50 cost and service charge + bus. Total cost may be \$32.50. Decided to charge \$20.00 for members and \$40.00 non-members.

Discussed several dinner options. Will probably reserve several spots at Ed's Warehouse.

MAY
April Meeting

Will be 20th Anniversary of Chapter. Will be Past President's Night. Topic should be refrigeration. ORG will discuss with Union Gas about absorption chiller topic.

June Meeting

Hugh Palser will arrange for golf.

5. Research & Promotion
1990 and 1991 research awards will be presented at February Meeting. K. Flowers motioned to donate \$1,000 of Chapter's money to research. D. Johnson seconded. All in agreement.
6. Education
No Report
7. ETA
Trade Show on February 11, 12 - 7 p.m. People assigned to Registration Week.

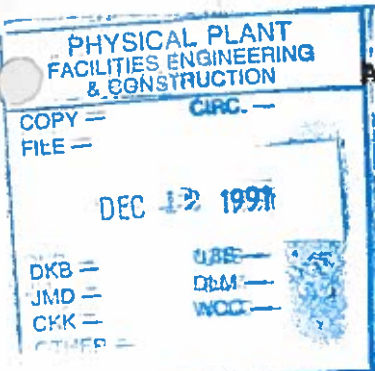


15



8. Engineering Week
Discussed possibility of participating in Engineering Week display at White Oaks Mall. Will discuss further in March Board of Governors Meeting.
9. Meeting adjourned at 6:00 p.m.





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: 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.

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 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.

1000



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

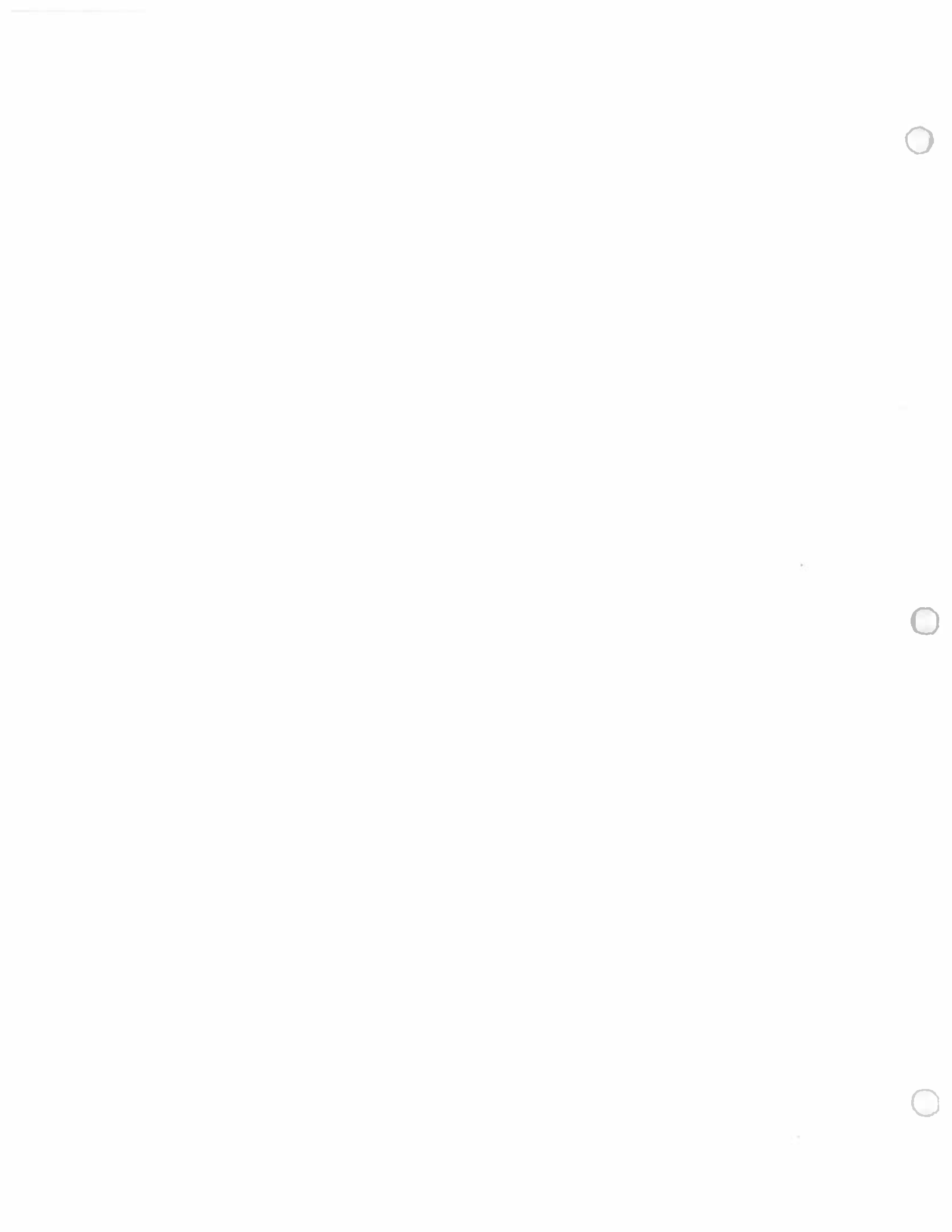
Historical : No report

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: 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.

SUGGESTED CHECKLIST
OF ITEMS TO BE REPORTED

- | | |
|--|--|
| 1. Presiding Officer | 1. Meeting called to order at 5:00 at UWO. Moved by Tom Drennan and Seconded by Bert Fenner. |
| 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
- Members
- Officers | 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. |
| 7. Old business | |
| 8. New business | |
| 9. Speaker | |
| 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 |

11

12

13

14

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.

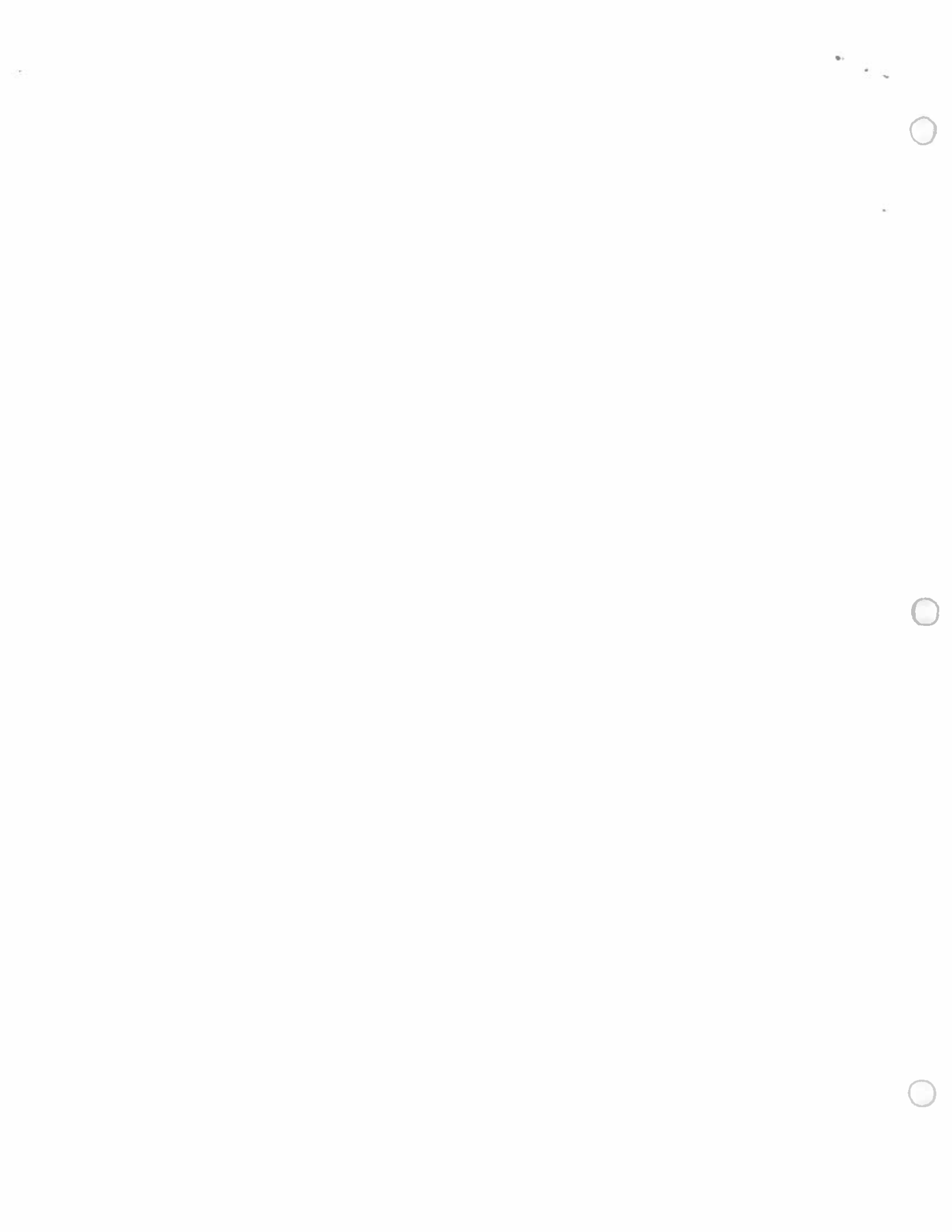
Program - October Specification and Tendering night.
November Spouse and/or significant other night. Planning to have a magician and a dinner evening at the Art Gallery.

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.



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: 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.

SUGGESTED CHECKLIST
OF ITEMS TO BE REPORTED

- | | | | |
|-----|-------------------------------------|----|---|
| 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
G. Hilliard
J. Reid
D. Boyce, President
O. Glendon
D. Johnson
P. Ziebart
C. Clemance
T. Drennan
K. Ellis |
| 3 | Roll call | | |
| 4 | Approval of minutes | | |
| 5 | Reports | | |
| 6 | Election
- Members
- Officers | 3. | Last Minutes read by O. Glendon and accepted by J. Reid and seconded G. Hilliard |
| 7 | Old business | | |
| 8 | New business | | |
| 9 | Speaker | | |
| 10. | Discussions | | |
| 11. | Motions | | |
| 12. | Resolutions | 4. | D. Boyce reported that we did not have enough POAE points for an award. |
| 13. | Other Features | | |
| 14. | Adjournment | | |

3.

4.



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.

Research Report The chapter had 16 donations last year. Three cheques totalled \$3000.00. Need to increase the number and do follow-up calls. At \$35.00 you are recognized.

Refrigeration Report No report.

Energy & Technical Activities There are several position papers - CFC, Energy, Asbestos, IAQ, (Fire & Smoke and man made fibres to come). These are good reference materials. People in Atlanta are available to answer questions and help find reference material.

Program Each committee chairman to give a speaker this year. Roland Welker to speak in September. Try to get speakers on broad topics that reach out beyond our membership. Tendering/90.1/CFC are possible topics. Possible panel discussion with various topics such as 90.1.

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.

Motion to give Don Johnson \$600.00 for printing costs. This was motioned by J. Reid and seconded by P. Ziebart.



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

CHAPTERS MEETING MINUTES

CHAPTER: London MEETING DATE: 27 May 1991

ATTENDANCE:- MEMBERS: 18 ; GUESTS: 3 ; 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
OF ITEMS TO BE
REPORTED

- | | |
|------------------------------------|---|
| 1. Presiding Officer | 1. T. Drennan, Presiding Officer. |
| 2. Call to order
(Time & Place) | 2. Technical Session held at 5:30.
Topic "High Efficiency Motors
and Ontario Hydro Enermark
Incentive Program". P. Ziebart
discussed Program and displayed
computer simulator - Attendees 6. |
| 3. Roll Call | 3. Meeting called to order at 6:30
p.m. |
| 4. Approval of
Minutes | 4. T. Drennan reminded membership
of Golf Tournament in June. |
| 5. Reports | 5. C. Clemance installed incoming
executive: |
| 6. Election | D. Boyce - President |
| 7. Old Business | O. Glendon - Vice-President |
| 8. New Business | P. Ziebart - Secretary |
| 9. Speaker | K. Flowers - Treasurer |
| 10. Discussions | 6. <u>Technical Presentation</u> |
| 11. Motions | Dennis Kozina of Copeland discussed
The Effect of New Refrigerants on
Compressor Design. |
| 12. Resolutions | 7. Meeting adjourned at 9:30. |
| 13. Other Features | |
| 14. Adjournment | |

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 ~~March~~/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
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
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
AND AIR-CONDITIONING ENGINEERING, INC.
1791 Tullie Circle, N.E.
Atlanta, Georgia 30329

CHAPTER MEETING MINUTES

CHAPTER: London MEETING DATE: 29 April 1991

ATTENDANCE:- MEMBERS: 37; GUESTS: 8; 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
OF ITEMS TO BE
REPORTED

- | | |
|--|---|
| 1. Presiding Officer | 1. T. Drennan, Presiding Officer. |
| 2. Call to order
(Time & Place) | 2. Technical Session held at 5:30
Topic, ASHRAE video tape
"World of "Alternative Fuels".
Moderated by C. Clemance.
Attendees - 8 |
| 3. Roll Call | |
| 4. Approval of | 3. Meeting called to order at 6:45
6:45 p.m. |
| 5. Reports | |
| 6. Election
- Members
- Officers | 4. T. Drennan asked D. Johnson to
present nominations for new
executive.
K. Flowers - Treasurer
P. Ziebart - Secretary
O. Glendon - Vice President
D. Boyce - President |
| 7. Old Business | |
| 8. New Business | |
| 9. Speaker | |
| 10. Discussions | |
| 11. Motions | |
| 12. Resolutions | |
| 13. Other Features | No new nominations from the floor. |
| 14. Adjournment | 5. T. Drennan indicated Golf date not
determined. |
| | 6. <u>TECHNICAL PRESENTATION</u>

Tom Tamblyn of Engineering
Interface presented "What Building
Owners and Designers Should Know
About ASHRAE Standard 90.1. Is The
Industry Prepared?" |
| | 7. Meeting Adjourned at 9:30. |



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: 1 April 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.*

SUGGESTED CHECK LIST
OF ITEMS TO BE
REPORTED

- | | |
|--|--|
| 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:
T. Drennan, President
D. Boyce
O. Glendon
G. Miles |
| 3. Roll Call | |
| 4. Approval of Minutes | |
| 5. Reports | 3. Minutes of March Meeting read by O. Glendon and accepted by G. Miles, Seconded by D. Boyce. |
| 6. Election
- Members
- Officers | |
| 7. Old Business | 4. T. Drennan indicated that the actual L.D.C.A. Trade Show earnings were 2,319. |
| 8. New Business | |
| 9. Speaker | 5. P. Ziebart has sent out money to Norm Johnson for Regional Fund. |
| 10. Discussions | |
| 11. Motions | 6. The CRC account G.I.C. Fund has been closed, and the money deposited in a Savings Account. |
| 12. Resolutions | |
| 13. Other Features | 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. |
| 14. Adjournment | |
| | 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. |

C

O

O

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 Tamblin 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.

C

O

O

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: 11 March/1991

ATTENDANCE:- MEMBERS: 8; 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
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
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 Mall 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

Handwritten marks or scribbles at the top right corner.



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: January 1991

ATTENDANCE:- MEMBERS: 8; 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
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 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 gas 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.
Atlanta, Georgia 30329

CHAPTER MEETING MINUTES

CHAPTER: London MEETING DATE: 29 October 1990

ATTENDANCE:- MEMBERS: 28 ; GUESTS: 13 ; 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
OF ITEMS TO BE
REPORTED

1. Presiding Officer
2. Call to order
(Time & Place)
3. Roll Call
4. Approval of
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. T. Drennan, Presiding Officer.
2. Call to Order at 6:45 p.m. at Highland Golf Club.
3. T. Drennan address welcomed large Student member contingent to the meeting.
4. G. Miles mentioned upcoming L.D.C.A. Trade Show and "Innovative Design Award" Program and welcomed members to become involved.
5. T. Drennan informed membership of upcoming "XVII International Refrigeration Conference" to be held in Montreal in 1991.
6. TECHNICAL PRESENTATION
Chris Korzycki of the University of Western Ontario presented "Direct Digital Controls - The University of Western Ontario Approach". Chris discussed responsibilities of Consultant/Owner/Contractor in the implementation of new DDC Control System for new and existing projects on Campus. Chris discussed History of projects and derived benefits.
7. The meeting was adjourned at 9:45 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: 15 October 1990

ATTENDANCE:- MEMBERS: 6; 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
OF ITEMS TO BE
REPORTED

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
G. Miles
 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
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.



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

CHAPTERS MEETING MINUTES

CHAPTER: London MEETING DATE: 24 September 1990

ATTENDANCE:- MEMBERS: 29; GUESTS: 6; 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
OF ITEMS TO BE
REPORTED

- | | |
|--|--|
| 1. Presiding Officer | 1. T. Drennan, Presiding Officer. |
| 2. Call to order
(Time & Place) | 2. Call to Order at 6:40 p.m. at
Highland Golf Club. |
| 3. Roll Call | 3. T. Drennan address members noting
"Membership " as thrust of this
term, introduced head table,
followed by self introductions. |
| 4. Approval of
Minutes | 4. <u>ANNOUNCEMENTS</u> - T. Drennan
- Chapter fees to be maintained
at 1989/90 levels. |
| 5. Reports | 5. <u>GOLF AWARDS</u> |
| 6. Election
- Members
- Officers | C. Morrison presented Golf Awards
to: |
| 7. Old Business | 6. <u>RESEARCH AWARDS</u> |
| 8. New Business | G. James presented Research Awards
to C. Clemance (1989/90) and P.
Golem (1988/89). |
| 9. Speaker | 7. <u>TREASURERS REPORT</u> |
| 10. Discussions | O. Glendon presented a net gain of
balance from about \$8,000 to
\$10,000 over 1989/90 terms. |
| 11. Motions | 8. <u>TECHNICAL PRESENTATION</u> |
| 12. Resolutions | Derek Macartnet and ????? of
Trigen-London District Energy
Corporation discussed the potential
of Distric Heating/Cooling for the |
| 13. Other Features | |
| 14. Adjournment | |

100



London Area with emphasis on
Energy, Economy, Ecology and ease
of use.

9. The meeting was adjourned at 9:30
p.m.

Handwritten marks and scribbles in the top right corner.



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: 10 September 1990

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
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 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

