

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

GENERAL MEETINGS MINUTES

CHAPTER: LONDON CANADA

MEETING DATE: SEPTEMBER 25/89

ATTENDANCE: MEMBERS: 30 ; GUESTS: 9 ; 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

PRESIDING OFFICER: CHAPTER PRESIDENT GREG JAMES

CALL TO ORDER: 6:40 p.m. at The Highland Golf & Country Club

ROLL CALL: 7:35 p.m. in attendance 30 members, 3 student members and 6 guests.

- Special welcome was extended to the student members and the guests from the Ministry of Energy.

ANNOUNCEMENTS:

- All members were encouraged to promote chapter membership with associates or to pass names to the membership chairman.

- Any members who are interested in serving on a committee should let a member of the Board of Governors know as soon as possible.

- Chapter dues have been maintained at \$110.00 but the guest meals will increase to \$20.00.

- A new phone committee has been set up. Please let a member of the Board know if you do not receive a call to confirm your attendance at meetings.

- The London and District Construction Association is honouring a number of people on Thursday, September 28, including our own Cliff Morrison.

REPORTS: CRC - (Charles)

- 1989 CRC held in Moncton, New Brunswick.

- Damon Gowan, Dick Charles, Norm Johnson and George Buckler were in attendance.

- Motions of Interest:

- Toronto Chapter has requested a reassignment of area members to better represent the appropriate areas.

- A Regional Fund has been established at 50¢ per assigned member to help cover the expenses occurred by the Regional Chairman and Vice-Chairman.

- Motion to limit CRC to 3 days.

- Motion to develop a school for ASHRAE related topics.

- Technical session was on CFC issues.

3. Johnson Controls Bonspiel (C. Morrison)

February 24th will be Johnson Controls' bonspiel. If you have a rink and you would like to attend call C. Morrison or Harry Coates.

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



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

GENERAL MEETINGS MINUTES

CHAPTER: London Canada MEETING DATE: October 30, 1989

ATTENDANCE: MEMBERS: 30; GUESTS: 6; 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. G. James, President presiding. |
| 2. Call to order
(Time & Place) | 2. Meeting convened at 6:39 p.m. at the Highland Gold & Country Club. |
| 3. Roll Call | 3. G. James introduced the head table, followed by self introduction by the members. |
| 4. Approval of Minutes | 4. G. Miles reported on the chapters participation in the London and District Construction Association. Trade shown to be held in February. Everything is on track with 31 ASHRAE affiliated companies to be exhibiting. |
| 5. Reports | 5. C. Clemance was presented with a Past President Pin and certificate by G. James who thanked C. Clemance on behalf of the Chapter for the contribution he made as president during the 1988-89 term. |
| 6. Election
- Members
- Officers | 6. G. James announced that a joint Windsor/London Chapter meeting isto be held in Chatham on November 21st. A presentation on Ontario Gas Utilitization codes will be made by Union Gas. |
| 7. Old Business | 7. G. James introduced that Don Johnson from the University of Western Ontario. Don used a computer and overhead projector attachment to provide an on line demonstration of a number of sample programs. |
| 8. New Business | 8. The meeting was adjourned at 9:30 p.m. |
| 9. Speaker | |
| 10. Discussions | |
| 11. Motions | |
| 12. Resolutions | |
| 13. Other Features | |
| 14. Adjournment | |

CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: LONDON CANADA.

MEETING DATE: OCTOBER 30 1989.

ATTENDANCE: MEMBERS 30 GUESTS 6

MEMBERSHIP PROMOTION NIGHT? YES ___ NO

JOINT MEETING? YES ___ NO

TECHNICAL SPEAKER/PROGRAM: YES NO ___

INDICATE TOPIC: SPREAD SHEETS FOR THE 90'S - PART
PRESENT AND FUTURE.

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



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

GENERAL MEETINGS MINUTES

CHAPTER: LONDON CANADA

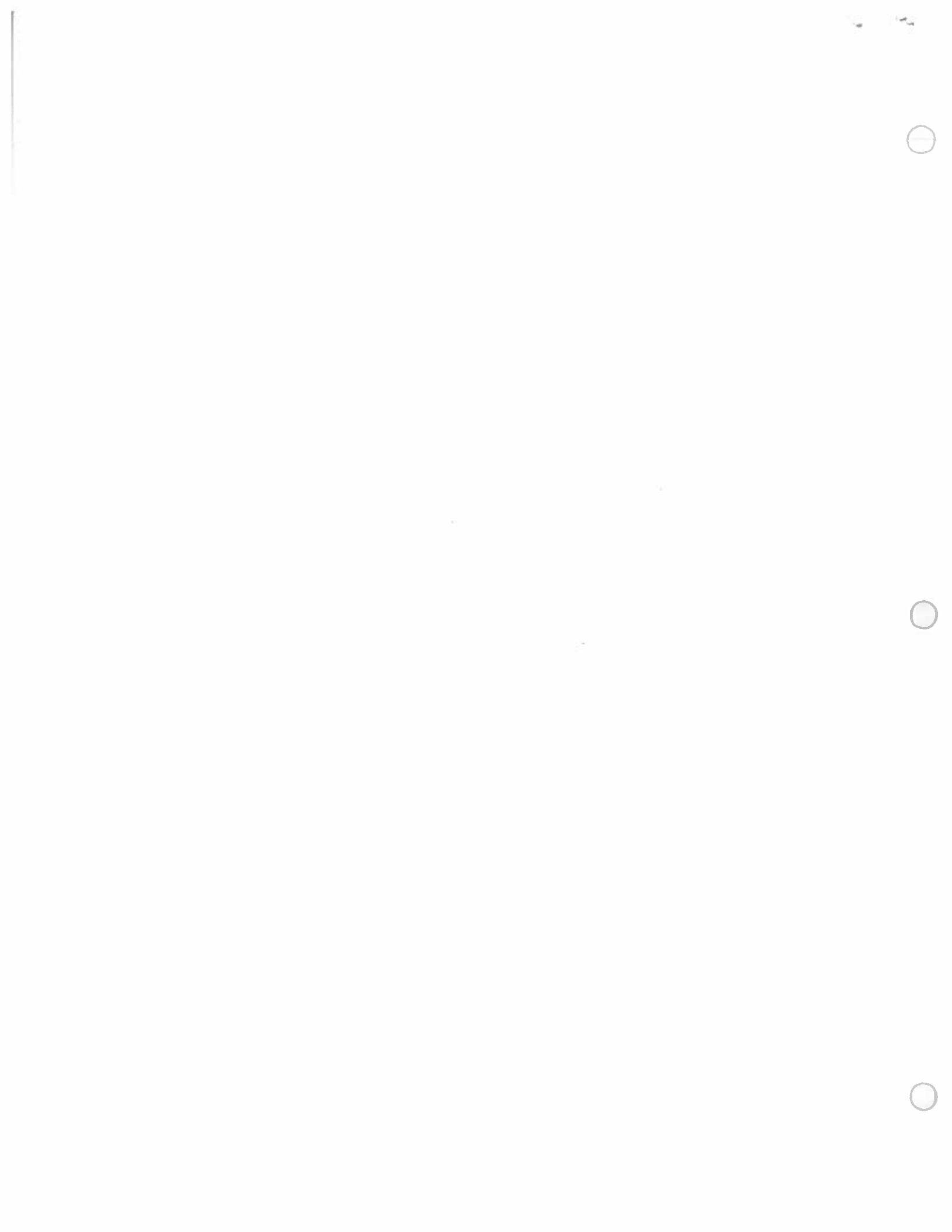
MEETING DATE: JANUARY 29, 1990

ATTENDANCE: MEMBERS: 28 ; GUESTS: 3 ; 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 | 1. G. James, President presiding. |
| 2. Call to order
(Time & Place) | 2. Meeting convened at 6:30 p.m. |
| 3. Roll Call | 3. G. James introduced the Head table, followed by self introduction
of members and guests. |
| 4. Approval of
Minutes | 4. Treasurer Report (G. James) |
| 5. Reports | General Account - \$4,964.68 |
| 6. Election | Savings Account - 3,257.76 |
| - Members | CRC Account - 3,412.76 |
| - Officers | 5. LDCA Trade Show (G. Miles) |
| 7. Old Business | - Co-sponsored trade show is being held on February 13, 1990 at
the Western Fair Grounds. |
| 8. New Business | - 8 volunteers are required to man the ASHRAE Information Booth. |
| 9. Speaker | - Scheduled from 12:00 noon to 8:00 p.m. |
| 10. Discussions | - The exhibit space is sold out. |
| 11. Motions | - The other co-sponsors are: |
| 12. Resolutions | - London & District Construction Association |
| 13. Other Features | - Association of Architectural Technologists of Ontario (London) |
| 14. Adjournment | - London Chapter Construction Specifications Canada |
| | 6. Research (C. Clemance) |
| | Individual member contributions will be solicited in the next few
weeks. |
| | Charles discussed the value of contributing to ASHRAE Research.
The research undertaken by ASHRAE benefits each of us in the way
we live and also in the work that we do. |
| | 7. February Meeting (G. James) |
| | The February meeting will be named as Past President night and the
speaker will be from Ontario Hydro. |



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

GENERAL MEETING MINUTES

CHAPTER: LONDON CANADA

MEETING DATE: FEBRUARY 26, 1990

ATTENDANCE: MEMBERS: 23 ; GUESTS: 12 ; 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

- | | |
|--|--|
| <ol style="list-style-type: none">1. Presiding Officer2. Call to order
(Time & Place)3. Roll Call4. Approval of
Minutes5. Reports6. Election
- Members
- Officers7. Old Business8. New Business9. Speaker10. Discussions11. Motions12. Resolutions13. Other Features14. Adjournment | <ol style="list-style-type: none">1. G. James presiding officer.2. Meeting convened at 6:35 p.m.3. G. James introduced the Head table, followed by self introduction of members and guests.4. Treasurer Report (Owen Glendon).

General Account - \$4,324.45
Savings Account - \$3,257.76
CRC Account - \$3,412.765. LCDA Trade Show (G. Miles)

- Show was very successful with a strong showing of HVAC related people.

- No concrete income numbers available at this time.6. Research (C. Clemance).

- Charles reported that he would begin soliciting funds for individuals in the near future.

- Charles then presented the ASHRAE research tape for the information of the membership.7. Winter Meeting Report (D. Boyce)

- Darryl Boyce presented information on the activities that took place at the Winter meeting in Atlanta.<ol style="list-style-type: none">1. The Atlanta meeting had the largest technical program ever.2. The reorganization of the Energy and Technical Affairs Committee and Education and Chapter Programs committees at society and regional levels. The committee activities are being reorganized so that the Energy and Technical Affairs committee will be responsible for Technical Awards, Seminars and Chapter Programs. The Educational Activities Committee will be responsible for faculty and student activities, promotion of continuing education and academic programs. |
|--|--|

C

O

O

8. Dr. J.D. Tarasuk from the University of Western Ontario presented a draft proposal to establish a Heating, Ventilating and Air Conditioning Centre in the Department of Mechanical Engineering. Dr. Tarasuk requested feedback and support from the Chapter members (see attached proposal).

In addition to the Centre, the University has established an "Industry Internship Program", (see attached information).

9. Technical Speaker (P. Ziebart)

"Balance of Power" Ontario Hydro.

Peter presented information on the state of electrical power in the province of Ontario. The presentation focused attention on the following:

- Our need for Electricity
- Making sure we have enough
- Impact on the environment
- Providing a balanced approach
- The need for public input into decisions.

Meeting adjourned at 9:45 p.m.



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

GENERAL MEETING MINUTES

CHAPTER: LONDON CANADA MEETING DATE: MARCH 26, 1990

ATTENDANCE: MEMBERS: 33; GUESTS: 2; 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 2. Call to order	1. G. James presiding officer. 2. Meeting convened at 6:40 p.m. 3. G. James introduced the Head table, followed by self introduction of members and guests.
(Time & Place) 3. Roll Call 4. Approval of Minutes 5. Reports 6. Election	4. Announcements: (a) As part of engineering week activities three chapter members J. Bisset, J. Reid and D. Boyce will be meeting with Board of Education about promotion of engineering careers at the highschool level.
- Members - Officers	(b) London Chapter activities have made it into the ASHRAE insights.
7. Old Business 8. New Business	(c) LCDA trade show activities are complete and the final amount received through our participation is \$3,068.00.
9. Speaker	5. Research (C. Clemance). Still have not canvassed the Chapter members but this will be done in the near future. We are now at 20% of our goal.
10. Discussions	6. Life Member Award (R. Gonder) Russ Gonder introduced the recipient of the Life Member Award. Mr. Cliff Morrison. Russ then related the many ASHRAE activities that Cliff has been involved in. In addition to the framed Life Member certificate Cliff was presented with a wooden whistle which imitates the sound of a steam whistle. Cliff thanked the Chapter, Society and Russ for the recognition. Cliff then related the history behind the starting of the London Chapter with Russ Gonder, Jack Vanstone and John Bisset.
11. Motions	
12. Resolutions	
13. Other Features	
14. Adjournment	

7. Technical Presentation - "Kitchen Exhaust Systems" (Kirk Flowers).

Kirk reviewed NFPA96 requirements relative to kitchen exhaust systems and study reports on required Hood Face velocities.

Kirk then reviewed the various types of exhaust systems -- one pass exhaust and recirculation and discussed the advantages and disadvantages of each system.

Meeting adjourned at 9:40 p.m.



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

GENERAL MEETING MINUTES

CHAPTER: LONDON CANADA MEETING DATE: APRIL 30, 1990

ATTENDANCE: MEMBERS: 19; GUESTS: 1; 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 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. G. James, presiding officer. 2. 'R' in ASHRAE meeting convened at 6:35 p.m. 3. G. James introduced the Head table, followed by self introductions. 4. <u>Announcements (G. James)</u> (a) May meeting to be held at U.W.O. with a tour of the Wind Tunnel and dinner at the University Club. (b) June golf meeting is to be held at the Thames Golf Course in London on June 25, 1990. 5. <u>Nominating Committee Report (G. James)</u> The slate of nominees is as follows: Treasurer: Peter Ziebart Secretary: Owen Glendon Vice-President: Darryl Boyce President: Tom Drennan Past President: Greg James 6. <u>Vice Chairman Report (J. Bisset)</u> John noted that the May tour would be an excellent time to bring out potential members. The CRC will be held at the Chateau Louie in Montreal. Accommodations are \$90.00/night and registration will be \$185.00. This should be an excellent event and all committee chairmen should try to attend. 7. <u>Technical Presentation</u> "Properties of New Refrigerants", John Smales. Mr. Smales presented a brief talk on where the industry is going relative to new refrigerants to replace CFC products which are creating environmental problems. - Greenhouse - Ozone depletion

WORKSHOPS (SATURDAY):

- P. Ziebart attended ETA.

RESEARCH PROMOTION:

- ASHRAE Research
- Research spent in Canada \$177,401
- Canada collected \$135,078
- Last year's collection exceeded goal of \$3,500.00 by \$676.60. Good Job Peter Golem.
- This year's goal is \$5,000. We need to have every member to help raise research money.

NAME TAGS:

- The Chapter is ordering a volume of name tags so that they will be available in a short period of time. Please let Stewart Lockhart know who you are. The cost will be a mere \$10.00.

LCDA TRADE SHOW:

- This year's show (for February) already has 27 of the 150 booths booked.

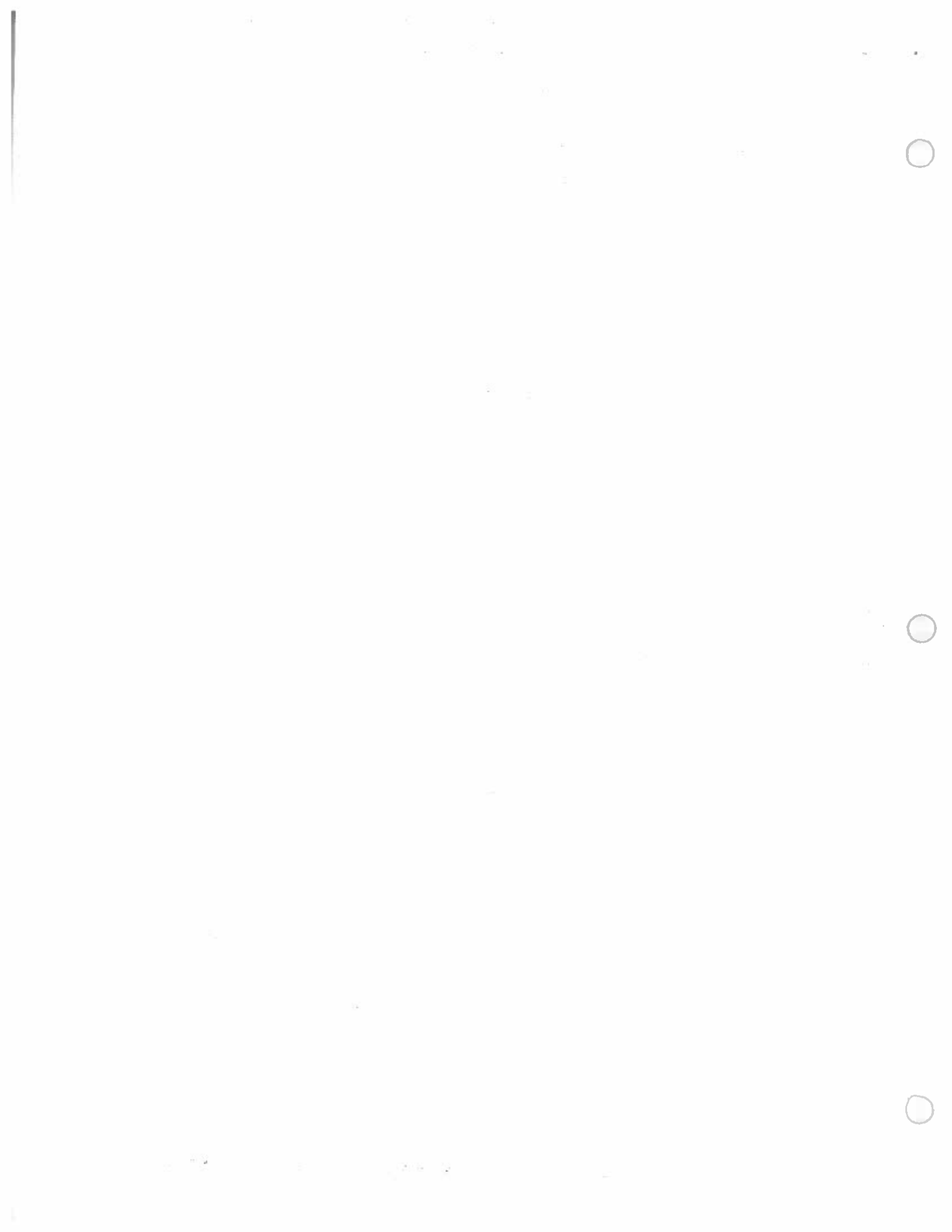
RVC EDUCATION:

- Certificate of Appreciation was presented to Darryl Boyce, outgoing Vice-Chairman of Education and Chapter Programs for Region II.

SPEAKER AT OCTOBER MEETING:

- Don Johnson
- Topic -- Spreadsheet utilization in heat gain/loss calculation.

Steve Whitelaw passed away this summer due to cancer.



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

GENERAL MEETING MINUTES

CHAPTER: LONDON CANADA

MEETING DATE: MAY 28, 1990

ATTENDANCE: MEMBERS: 22 ; GUESTS: 3 ; 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
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. G. James, presiding officer.
2. Meeting convened at 6:30 p.m.
3. Self introduction by members and guests.
4. Treasurer's Report (O. Glendon)
Current Account \$3,763.75
Savings Account 6,508.78
CRC 3,671.39
5. Announcements:
June meeting to be held at the Thames Valley Golf Club June 25/90.
6. Election of Chapter Officers
G. James announced that the following 1990/91 officers were elected by acclamation.
President: Tom Drennan
Vice-President: Darryl Boyce
Secretary: Owen Glendon
Treasurer: Peter Ziebart
6. Technical Presentation
The technical presentation and tour was conducted by the staff of the University of Western Ontario Wind Tunnel.
Dr. Isyumov presented a tape on Boundary Layer Wind Tunnel technology and described the concepts relative to exhaust stack dispersion analysis.
The attendees were then given a tour of the facilities and were given background on the variety of projects that have been studied in the Wind Tunnel.
Of specific interest was the study being conducted for the University of Western Ontario relative to fumehood exhaust dispersion and stack design.

The meeting adjourned at 9:30 p.m.



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: LONDON CANADA

MEETING DATE: MAY 28, 1990

ATTENDANCE: MEMBERS 22 GUESTS 3

MEMBERSHIP PROMOTION NIGHT? YES NO X

JOINT MEETING? YES NO X

TECHNICAL SPEAKER/PROGRAM: YES X NO

INDICATE TOPIC: WIND TUNNEL TOUR AND PRESENTATION BY UNIVERSITY OF WESTERN ONTARIO ON DISPERSION ANALYSIS

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



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

GENERAL MEETING MINUTES

CHAPTER: LONDON CANADA

MEETING DATE: JUNE 25, 1990

ATTENDANCE: MEMBERS: 31 ; GUESTS: 35 ; 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. G. James, Presiding Officer. |
| 2. Call to order
(Time & Place) | 2. The meeting convened at 7:15 p.m. at the Thames Valley Golf Club. |
| 3. Roll Call | 3. Self introduction by members and guests. |
| 4. Approval of
Minutes | 4. <u>Treasurer's Report (O. Glendon):</u>

Current Account - \$ 2,425.87
Savings Account - \$ 5,585.82
CRC Account - \$ 3,812.05 |
| 5. Reports | 5. <u>Announcements:</u>

Special thanks to all of the staff of the Thames Valley Golf Club, Cliff Morrison and Hugh Palser for their efforts in organizing this fine event. |
| 6. Election
- Members
- Officers | 6. <u>Presentations:</u>

(a) The President's pin and certificate were presented to G. James by the Past President, Peter Golem.

(b) Golf Prizes:

Low Gross (ASHRAE) - Bill Bambitt
Low Net - Mike McCaffery
2nd Low Gross - Dave Lake
ASHRAE Trophy (Low Men's) - Barry Herbert |
| 7. Old Business | (c) Special thanks were extended to this year's sponsor, Dave Henry of Carrier Canada Ltd., by Hugh Palser. |
| 8. New Business | (d) Dave Henry announced that next year's sponsor would be Bartley Heating. |
| 9. Speaker | |
| 10. Discussions | |
| 11. Motions | |
| 12. Resolutions | |
| 13. Other Features | |
| 14. Adjournment | 7. Motioned by P. Golem to adjourn meeting at 9:00 p.m. Seconded by D. Boyce. |

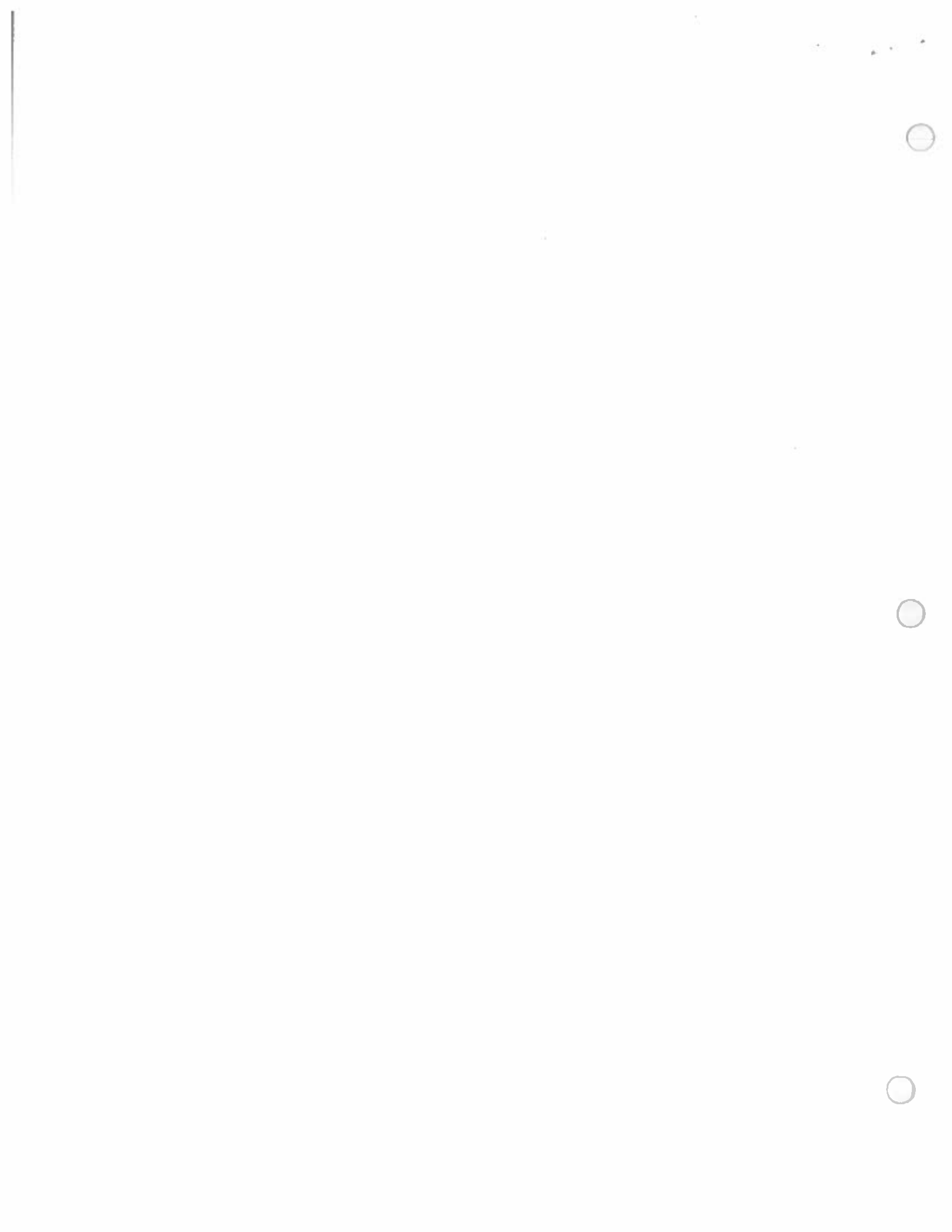
The CFC problems have resulted in the development and concern for a product trail, tracking from manufacturer to disposal.

The likely outcome of the next Montreal Protocol meeting is to accelerate the phasing out of CFC use and a reduction of the final levels.

The biggest gains can be made with recovery and recycling while we develop new safe compounds.

A change from R-11 to R-123 will result in a 10% - 15% reduction in capacity in Centrifuge Chillers.

Meeting adjourned at 9:00 p.m.



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: Landa Canada Chapter

MEETING DATE: Nov 25

ATTENDANCE: MEMBERS 25 GUESTS 15

MEMBERSHIP PROMOTION NIGHT? YES ___ NO

JOINT MEETING? YES ___ NO

TECHNICAL SPEAKER/PROGRAM: YES ___ NO

INDICATE TOPIC: Ladies night

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: London Canada Chapter

MEETING DATE: Oct 28, 1991.

ATTENDANCE: MEMBERS 31 GUESTS 10

MEMBERSHIP PROMOTION NIGHT? YES ___ NO

JOINT MEETING? YES ___ NO

TECHNICAL SPEAKER/PROGRAM: YES ___ NO

INDICATE TOPIC: Specifications and The Bidding Process.

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: London Canada Chapter

MEETING DATE: Sept 30, 1991.

ATTENDANCE: MEMBERS 30 GUESTS NB 22

MEMBERSHIP PROMOTION NIGHT? YES ___ NO

JOINT MEETING? YES ___ NO

TECHNICAL SPEAKER/PROGRAM: YES ___ NO

INDICATE TOPIC: Water Supply Study of the City of London.

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: _____

MEETING DATE: _____

ATTENDANCE: MEMBERS _____ GUESTS _____

MEMBERSHIP PROMOTION NIGHT? YES _____ NO _____

JOINT MEETING? YES _____ NO _____

TECHNICAL SPEAKER/PROGRAM: YES _____ NO _____

INDICATE TOPIC: _____

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: _____

MEETING DATE: _____

ATTENDANCE: MEMBERS _____ GUESTS _____

MEMBERSHIP PROMOTION NIGHT? YES ___ NO ___

JOINT MEETING? YES ___ NO ___

TECHNICAL SPEAKER/PROGRAM: YES ___ NO ___

INDICATE TOPIC: _____

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: _____

MEETING DATE: _____

ATTENDANCE: MEMBERS _____ GUESTS _____

MEMBERSHIP PROMOTION NIGHT? YES _____ NO _____

JOINT MEETING? YES _____ NO _____

TECHNICAL SPEAKER/PROGRAM: YES _____ NO _____

INDICATE TOPIC: _____

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: _____

MEETING DATE: _____

ATTENDANCE: MEMBERS _____ GUESTS _____

MEMBERSHIP PROMOTION NIGHT? YES ___ NO ___

JOINT MEETING? YES ___ NO ___

TECHNICAL SPEAKER/PROGRAM: YES ___ NO ___

INDICATE TOPIC: _____

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: _____

MEETING DATE: _____

ATTENDANCE: MEMBERS _____ GUESTS _____

MEMBERSHIP PROMOTION NIGHT? YES _____ NO _____

JOINT MEETING? YES _____ NO _____

TECHNICAL SPEAKER/PROGRAM: YES _____ NO _____

INDICATE TOPIC: _____

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: _____

MEETING DATE: _____

ATTENDANCE: MEMBERS _____ GUESTS _____

MEMBERSHIP PROMOTION NIGHT? YES _____ NO _____

JOINT MEETING? YES _____ NO _____

TECHNICAL SPEAKER/PROGRAM: YES _____ NO _____

INDICATE TOPIC: _____

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: _____

MEETING DATE: _____

ATTENDANCE: MEMBERS _____ GUESTS _____

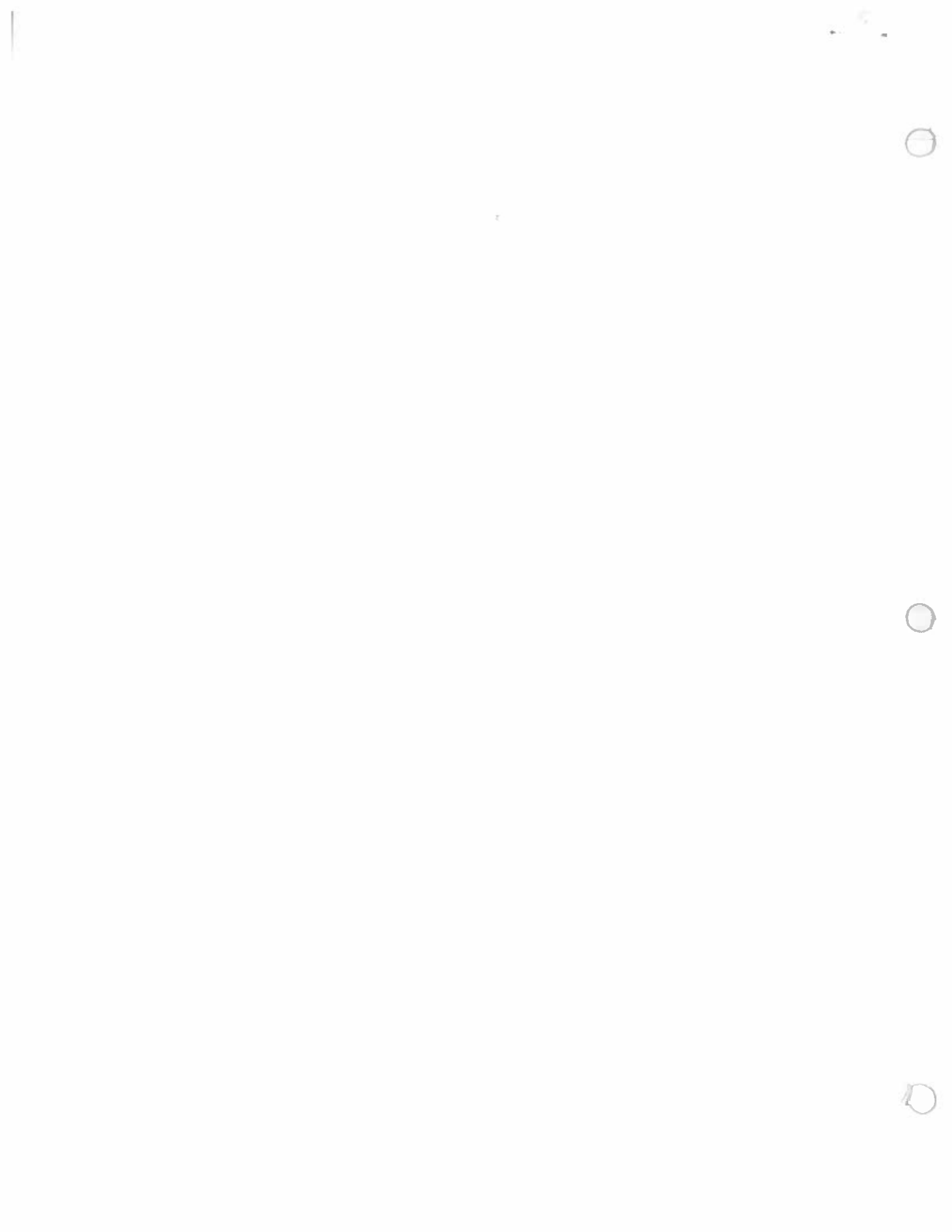
MEMBERSHIP PROMOTION NIGHT? YES ___ NO ___

JOINT MEETING? YES ___ NO ___

TECHNICAL SPEAKER/PROGRAM: YES ___ NO ___

INDICATE TOPIC: _____

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: LONDON

MEETING DATE: MAY 27/91

ATTENDANCE: MEMBERS 18 GUESTS 3

MEMBERSHIP PROMOTION NIGHT? YES ___ NO

JOINT MEETING? YES ___ NO

TECHNICAL SPEAKER/PROGRAM: YES NO ___

INDICATE TOPIC: COMPRESSOR TECHNOLOGY

+
TECHNICAL SESSION - HIGH E MOTORS

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: LONDON

MEETING DATE: MAY 27/91

ATTENDANCE: MEMBERS 18 GUESTS 3

MEMBERSHIP PROMOTION NIGHT? YES ___ NO

JOINT MEETING? YES ___ NO

TECHNICAL SPEAKER/PROGRAM: YES NO ___

INDICATE TOPIC: COMPRESSOR TECHNOLOGY
TECHNICAL SESSION - HIGH E MOTORS

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.

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 | |

CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: LONDON

MEETING DATE: APRIL 29 / 91

ATTENDANCE: MEMBERS 37 GUESTS 8

MEMBERSHIP PROMOTION NIGHT? YES NO

JOINT MEETING? YES NO

TECHNICAL SPEAKER/PROGRAM: YES NO

INDICATE TOPIC: ASHRAE STANDARD 90.1

+ TECHNICAL SESSION: ALTERNATIVE FUELS

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



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 5:30
6:45 p.m. |
| 5. Reports | |
| 6. Election | 4. T. Drennan asked D. Johnson to
present nominations for new
executive. |
| - Members | K. Flowers - Treasurer |
| - Officers | P. Ziebart - Secretary |
| 7. Old Business | O. Glendon - Vice President |
| 8. New Business | D. Boyce - President |
| 9. Speaker | |
| 10. Discussions | No new nominations from the floor. |
| 11. Motions | |
| 12. Resolutions | |
| 13. Other Features | 5. T. Drennan indicated Golf date not
determined. |
| 14. Adjournment | 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. |



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: LONDON

MEETING DATE: MARCH 25 / 91

ATTENDANCE: MEMBERS 40 GUESTS 4

MEMBERSHIP PROMOTION NIGHT? YES ___ NO

JOINT MEETING? YES ___ NO

TECHNICAL SPEAKER/PROGRAM: YES NO ___

INDICATE TOPIC: INDUSTRIAL ENGINEERING

+ TECHNICAL SESSION - SELECTION OF AIR DISTRIBUTION EQUIPMENT

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.

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: 25 March 1991

ATTENDANCE:- MEMBERS: 40; GUESTS: 4; 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 "Air Distribution Product
Selection". Walter Deans
moderated ASHRAE video.
Attendees - 15 |
| 3. Roll Call | 3. Meeting called to order at
6:45 p.m. |
| 4. Approval of
Minutes | 4. T. Drennan discussed methods to
be adopted to get newsletter
out sooner. |
| 5. Reports | 5. <u>Technical Presentation</u>

Dean R. M. Mathur of the Faculty
of Engineering of the University
of Western Ontario discussed
"Industrial Orientation of
Engineering Programs at U.W.O. |
| 6. Election | 6. Meeting adjourned at 9:30 p.m. |
| 7. Old Business | |
| 8. New Business | |
| 9. Speaker | |
| 10. Discussions | |
| 11. Motions | |
| 12. Resolutions | |
| 13. Other Features | |
| 14. Adjournment | |

CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes. Please be sure minutes are attached.

CHAPTER NAME: LONDON

MEETING DATE: 25 FEBRUARY 1991

ATTENDANCE: MEMBERS 28 GUESTS 7

JOINT MEETING? YES NO

WITH WHOM: _____

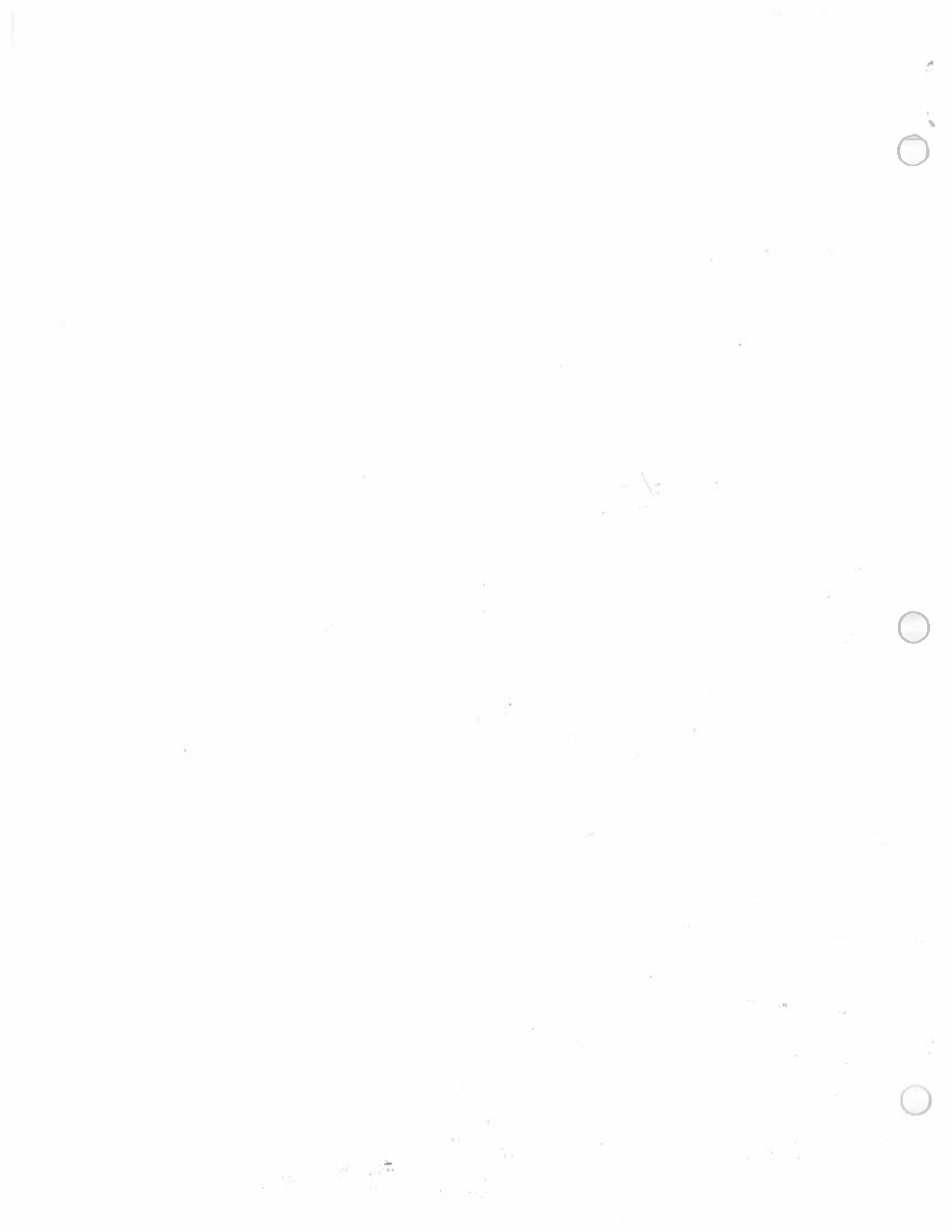
TECHNICAL SPEAKER/PROGRAM: YES NO

INDICATE TOPIC: ENERGY STANDARDS
+ TECHNICAL SESSION : FAN SELECTION

DOES YOUR CHAPTER SPONSOR A CHAPTER SECTION? YES NO

IF SO, HOW MANY? _____

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



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: 25 February 1991

ATTENDANCE:- MEMBERS: 28; GUESTS: 7; 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. 5:30 Tech. Session held. Topic
"Fan Selection and Application".
ASHRAE video was shown. About 15
members present. |
| 3. Roll Call | 3. Call to order by 6:45 p.m. |
| 4. Approval of
Minutes | 4. T. Drennan made requests for: |
| 5. Reports | 1. Further research donations |
| 6. Election | 2. Activity of Chapter Members
for Committee and Chairmen
positions. |
| 7. Old Business | 5. T. Drennan mentioned success of
recent L.D.C.A. Trade Show with
thanks to G. Miles for this work
in representing ASHRAE. |
| 8. New Business | 6. B. Rutherford (non-chapter member)
suggested that Chapter donate funds
to ASHRAE research. |
| 9. Speaker | 7. H. Palser suggested that Newsletter
could be faxed to Members instead
of mailing. |
| 10. Discussions | |
| 11. Motions | |
| 12. Resolutions | |
| 13. Other Features | |
| 14. Adjournment | |

8. Technical Presentation

Bob Young, Program Officer of Energy Efficiency Section of The Ministry of Energy, presented "Where Are We Going With Energy Standards".

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



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: LONDON

MEETING DATE: JANUARY 1991

ATTENDANCE: MEMBERS 42 GUESTS 3

MEMBERSHIP PROMOTION NIGHT? YES ___ NO

JOINT MEETING? YES ___ NO

TECHNICAL SPEAKER/PROGRAM: YES NO ___

INDICATE TOPIC: INDOOR AIR QUALITY

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.

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: January 1991

ATTENDANCE:- MEMBERS: 42; 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. Call to order at 6:45 p.m. at
Highland Golf Club. |
| 3. Roll Call | 3. T. Drennan makes plea for ASHRAE
Research contributions. |
| 4. Approval of
Minutes | 4. <u>Technical Presentation</u>
Peter Golem of Chorley & Bisset
Ltd. presented "Indoor Air Quality"
topic with slides and discussion. |
| 5. Reports | 5. The meeting was adjourned at
9:30 p.m. |
| 6. Election | |
| 7. Old Business | |
| 8. New Business | |
| 9. Speaker | |
| 10. Discussions | |
| 11. Motions | |
| 12. Resolutions | |
| 13. Other Features | |
| 14. Adjournment | |



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: LONDON

MEETING DATE: 29 OCT. 1990

ATTENDANCE: MEMBERS 28 GUESTS 13

MEMBERSHIP PROMOTION NIGHT? YES ___ NO

JOINT MEETING? YES ___ NO

TECHNICAL SPEAKER/PROGRAM: YES NO ___

INDICATE TOPIC: UWO NEW DDC CONTROL SYSTEM

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



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 | 1. T. Drennan, Presiding Officer. |
| 2. Call to order
(Time & Place) | 2. Call to Order at 6:45 p.m. at
Highland Golf Club. |
| 3. Roll Call | 3. T. Drennan address welcomed large
Student member contingent to the
meeting. |
| 4. Approval of | 4. G. Miles mentioned upcoming
L.D.C.A. Trade Show and "Innovative
Design Award" Program and welcomed
members to become involved. |
| 5. Reports | 5. T. Drennan informed membership of
upcoming "XVII International
Refrigeration Conference" to be
held in Montreal in 1991. |
| 6. Election
- Members
- Officers | 6. <u>TECHNICAL PRESENTATION</u>
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. Old Business | 7. The meeting was adjourned at 9:45
p.m. |
| 8. New Business | |
| 9. Speaker | |
| 10. Discussions | |
| 11. Motions | |
| 12. Resolutions | |
| 13. Other Features | |
| 14. Adjournment | |



CHAPTER MEETING MINUTES

***This form should be submitted as a cover sheet for your chapter minutes.

CHAPTER NAME: LONDON

MEETING DATE: SEPT 24 1990

ATTENDANCE: MEMBERS 29 GUESTS 6

MEMBERSHIP PROMOTION NIGHT? YES ___ NO

JOINT MEETING? YES ___ NO

TECHNICAL SPEAKER/PROGRAM: YES NO ___

INDICATE TOPIC: DISTRICT HEATING / COOLING

NOTE: Points will be given for meetings offering TECHNICAL ENRICHMENT only. No social functions will count.



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 | |



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

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

