



ASHRAE HONORS AND AWARDS

AWARD

PRESENTED

F. PAUL ANDERSON AWARD

Winter Meeting

The Society's highest award; awarded in recognition of outstanding work or service in any field of the Society; must be an ASHRAE member.
(Form of award is medal and certificate)

FELLOW

Winter Meeting

Awarded to Members who have attained distinction in the fields of heating, refrigeration, air conditioning, ventilation or the allied arts and sciences through teaching, research, invention, design and/or supervision of projects of unusual or important scope; must have been a full grade Member of ASHRAE for a minimum of ten years.
(Form of award is certificate)

LOUISE & BILL HOLLADAY DISTINGUISHED FELLOW AWARD

Annual Meeting

Presented to Fellow of ASHRAE in recognition of continuing preeminence in engineering or research work.
(Form of award is medal and certificate)

DISTINGUISHED SERVICE AWARD

Annual Meeting

Awarded to Members who have served faithfully and with distinction on committees or otherwise giving freely of their time or talent on behalf of the Society.
(Form of award is certificate)

A. T. BOGGS SERVICE AWARD

Annual Meeting

Awarded to a past Distinguished Service Award recipient for continuing, unselfish, dedicated and distinguished service to ASHRAE.
(Form of award is medal and certificate)

AWARD

ASHRAE-ALCO AWARD

Awarded to Member who has performed outstanding public service to his/her community and has thus helped to improve the public image of the engineer. (Form of award is medal and certificate)

HONORARY MEMBER

Presented in recognition of preeminent professional distinction without regard to whether individual is, or has been, a member of ASHRAE. (Previous awardees include Milton Eisenhower, Herbert Hoover) (Form of award is certificate)

DISTINGUISHED FIFTY-YEAR MEMBER

Presented to Fifty-Year Members who also have the distinction of being a Past Society President, Fellow, or Distinguished Service Award recipient, or have performed outstanding service on behalf of the Society. (Form of award is certificate)

LINCOLN BOUILLON AWARD

Presented to a Member who has done the most outstanding work to increase the membership of the Society. (Form of award is medal and certificate)

ASHRAE-ASHAE HOMER ADDAMS AWARD

Presented to a graduate student who has been engaged in an ASHRAE research project. (Form of award is \$600 and a certificate)

RALPH G. NEVINS PHYSIOLOGY AND HUMAN ENVIRONMENT AWARD

Presented to a promising investigator under 40 years of age who has published papers over a five year period in the general area of man's response to the environment. (Form of award is \$200 and a certificate)

PRESENTED

Winter Meeting

Winter or Annual Meeting

Winter or Annual Meeting

Annual Meeting

Annual Meeting

Annual Meeting

AWARD

PRESENTED

INTERNATIONAL ACTIVITIES AWARD

Annual Meeting

Awarded to Members who have done the most to enhance the Society's international presence.
(Form of award is a certificate)

WILLIAM J. COLLINS, JR.
RESEARCH PROMOTION AWARD

Annual Meeting

Awarded to a Chapter Research Promotion Chairman who excels in raising funds for ASHRAE research.
(Form of award is a medal and certificate)

E. K. CAMPBELL AWARD

Winter Meeting

Awarded for outstanding service and achievement in teaching.
(Form of award is certificate)

CROSBY FIELD AWARD

Annual Meeting

Awarded to author of top paper or article chosen from among the best Technical, Symposium and Journal Papers.
(Form of award is \$750 and a certificate)

TECHNICAL/SYMPOSIUM PAPER AWARD

Annual Meeting

Presented to authors of best papers presented at Society meetings.
(Form of award is \$500 and a certificate)

WILLIS H. CARRIER AWARD

Annual Meeting

Awarded for best published paper of outstanding quality by a Member who is 32 years of age or less.
(Form of award is \$500 and certificate)

JOURNAL PAPER AWARD

Annual Meeting

Awarded for best paper or article published in ASHRAE Journal during the preceding calendar year.
(Form of award is \$250 and a certificate)

AWARD

PRESENTED

ENERGY AWARDS

Winter Meeting

Awarded in recognition of successful application of energy conservation and management techniques
(Form of award is plaque)

STUDENT AWARDS PROGRAM

Winter Meeting

Awarded to undergraduate students who have completed research or design projects based on topics of current ASHRAE interest.
(Form of award:
1st Place - \$1,500 plus transportation to Winter Meeting and lodging for two nights
Runners-up - 4 Awards at \$750 each)

GOVERNMENT AFFAIRS AWARD

Annual Meeting

Awarded to chapters to recognize their activities in interacting with state, provincial and local governments on technical issues related to the purpose of the Society.
(Form of award:
First, second and third place winners will be recognized with a certificate and \$100)

For Additional Information Contact:

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88/11/03:tes
(AwardsList)

Bylaws

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

June 1988



ASHRAE
1791 Tullie Circle, N.E.
Atlanta, GA 30329

Telephone: 404-636-8400
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Bylaws

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

June 1988

Article I ORGANIZATION

Section 1.1 Name. The name of this Society is American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., and its abbreviated title is ASHRAE.

Section 1.2 Organization. This corporation shall be governed by the New York Not-for-Profit Corporation Law, or under such successor provisions as may be in effect from time to time.

Section 1.3 Objectives. The Society is organized and operated for the exclusive purpose of advancing the arts and sciences of heating, refrigeration, air conditioning and ventilation, the allied arts and sciences and related human factors for the benefit of the general public, as defined in the Certificate of Consolidation. To fulfill its role, the Society shall recognize the effect of its technology on the environment and natural resources to protect the welfare of posterity.

Section 1.4 Dissolution. In the event of dissolution of the Society, whether voluntary, involuntary, or by operation of law, any disposition of the assets of the Society shall be made only to such organizations as shall at that time have exempt status under Section 501 (c) (3) of the Internal Revenue Code of 1954, as amended, or under such successive provision of the Code as may be in effect at the time of dissolution.

Article II MEMBERSHIP

Section 2.1 Grades of Membership. These shall be designated as follows: (A) Honorary Member, (B) Presidential Member, (C) Fellow, (D) Life Member, (E) Life Associate Member, (F) Life Affiliate, (G) Member, (H) Associate Member, (I) Affiliate, and (J) Student Member.

Section 2.2 Honorary Member. Any notable person of pre-eminent professional distinction may be elected an Honorary

Member. Election of an Honorary Member shall be by the Board of Directors. At the discretion of the Board of Directors, Honorary Members shall not be required to pay annual dues or any other fees.

Section 2.3 Presidential Member. Upon the installation of a successor, the outgoing President of the Society shall become a Presidential Member. At the discretion of the Board of Directors, Presidential Members shall not be required to pay annual dues or any other fees.

Section 2.4 Fellow. A Member who has attained distinction in the arts relating to the sciences of heating, refrigeration, air conditioning or ventilation, or the allied arts and sciences, or in the teaching of major courses in said arts and sciences, or who by reason of invention, research, teaching, design, original work, or as an engineering executive on projects of unusual or important scope, has made substantial contribution to said arts and sciences, and has been in good standing as a Member for at least ten (10) years prior to the date of proposal for Fellow grade, is eligible for election to the grade of Fellow by the Board of Directors.

Section 2.5 Life Member, Life Associate Member, or Life Affiliate. Each shall be a member who has been a full Member, an Associate Member, or an Affiliate in good standing for an accumulative total of thirty (30) years, and who has attained the age of sixty-five (65) years. The member shall retain all the rights and privileges of the most recent membership grade. The member shall not be required to pay any annual dues or other fees.

Section 2.6 Member. At the time of admission or advancement, a Member shall have the equivalent of twelve (12) Society-accredited years of experience composed of an approved combination of: (1) completed education beyond high school; (2) work experience; and (3) professional engineering or related registration or license.

All technical and scientific education shall be based on curricula accredited by the Accreditation Board for Engineering and Technology or approved by the Board of Directors. Each year of com-

pleted education for graduates of such approved curricula shall receive 1½ years' credit toward the twelve (12) years required. Each year of approved education for non-graduates of such approved curricula who complete at least two years, and graduates of technical schools not so approved shall receive one year's credit for each academic year completed.

At least four (4) years of the qualifying work experience shall have been in the performance of duties in ASHRAE related fields, as verified by the applicant's reference, within universities, government, private industry, consulting engineering groups, associations and professional organizations, involving the independent conduct of: research, teaching, design, installation, management or engineering sales.

A professional registration or license issued by a legally authorized body in engineering or related fields whose requirements as to education and active practice are considered satisfactory and adequate by the Board of Directors shall entitle the applicant to three (3) Society-accredited years toward the twelve (12) required.

Section 2.7 Associate Member. At the time of admission or advancement to the grade, an Associate Member shall be either a graduate of an engineering curriculum accredited by the Accreditation Board for Engineering and Technology or approved by the Board of Directors, or have the equivalent of eight (8) Society-accredited years of experience composed of an approved combination of completed education and/or work experience as defined in the first paragraph of Section 2.6.

Section 2.8 Affiliate. An Affiliate shall have had experience in technical matters, design, operation, or maintenance in heating, refrigerating, air-conditioning or ventilating fields, or shall have an interest in the advancement of the Society's aims, and shall possess sufficient qualifications to cooperate with heating, refrigerating, air-conditioning, or ventilating engineers in the advancement of the knowledge relating to heating, refrigerating, air-conditioning or ventilating engineering and its application.

Section 2.9 Student Member. A Student Member shall be a person matriculated in an approved course of study in a university, college, junior college, or technical institute, who is being educated in the arts and sciences covered by the Objectives of the Society. Specific requirements with respect to age, full-time student status, part-time student status, certification of student status, sponsorship by Society members, and other appropriate criteria shall be established, and revised as the need arises, by the Board of Directors. Student Member status shall terminate one year after graduation from school, or one year after the time the Student Member leaves school.

Section 2.10 Voting Membership. This shall consist of Honorary Members, Presidential Members, Fellows, Life Members, Members, Life Associate Members, and Associate Members.

All members thus entitled to vote may be called herein Voting Members.

Affiliates and Student Members shall have no right to vote. The above notwithstanding, Student Members shall have the right to vote and hold office at the Student Branch level.

Section 2.11 Restrictions. No member shall describe himself/herself in connection with the Society in any advertisement, letterhead, printed matter or in any manner other than as an Honorary Member, Presidential Member, Fellow, Life Member, Life Associate Member, Life Affiliate, Member, Associate Member, Affiliate, or Student Member, as the case may be, except in official business of Society.

Section 2.12 Rights and Privileges. These shall be personal to a member, and shall not be delegated or transferred, except that each member entitled to vote may vote in person or by written proxy given to another member entitled to vote and dated within three months of date of execution, which proxy shall be subject to the provisions as may be set forth by Rules of the Board.

Section 2.13 All rights, title, and interest of a member in the Society, or its property, shall cease on the termination of member-

ship by death, resignation or otherwise, and shall vest in the Society.

Section 2.14 Each member, upon election to membership, shall be bound thereupon by the provisions of the Certificate of Consolidation, Bylaws, and Rules of the Board of Directors, and all amendments thereto.

Section 2.15 Emblem of Membership. This shall be worn only by members in good standing.

Section 2.16 Resignation. Any member may resign at any time by such member's written request received by the Secretary.

Section 2.17 Dues Payment. If any Fellow, Member, Associate Member or Affiliate shall fail to pay the current dues by October 1, the member shall be classed as delinquent and, if a Voting Member, shall lose the member's right to vote; if such dues are not paid by January 1, the member shall be classed as not in good standing, and the membership suspended; if such dues are not paid by April 1, the Secretary shall notify the suspended member that unless such dues are paid by June 30, such member shall cease to be a member of the Society; and upon failure to cure such default by June 30, membership in the Society shall cease. If any Student Member shall fail to pay the dues, membership shall cease, and the Secretary shall notify such Student Member that his/her membership in the Society has ceased. A member, upon written application accompanied by payment of dues, and a satisfactory explanation of dues default, may have the forfeiture of membership rescinded at the discretion of the Board of Directors.

Section 2.18 Reinstatement. A member who has resigned, or who has been dropped from membership, may be reinstated by payment of the same fees charged a new member, or may be reinstated as of the original date of membership if the member pays all dues which would have accrued.

Section 2.19 Suspension. The Board of Directors may, by a two-thirds vote of all the members thereof, censure, suspend or expel any member if, in the opinion of the Board of Directors, the member is guilty of abuse or misuse of the privileges of the Society membership, or of action prejudicial to the best interest of the Society, after written preferment of charges, thirty (30) days' written notice of hearing sent by registered mail, and adequate opportunity to be heard before the Board of Directors or a committee of at least three (3) members designated by the Board of Directors.

Section 2.20 Admission Applications. All applicants for admission to the Society, or for advancement in grade of membership, except such as are conferred as an honor, shall make application in such form and with such information as shall be required by the Board of Directors.

Article III MEETINGS OF MEMBERS

Section 3.1 Annual, Winter, and Special Meetings. The annual meeting of the Society shall commence on a day and at a time fixed by the Board of Directors, and shall continue from day to day until adjournment. Winter meetings shall be held at such times as may be fixed by the Board of Directors. Special meetings may be called at any time by the Board of Directors and shall be called by the Board of Directors upon written request of the President or by not less than 300 Voting Members of which not more than 150 of such Voting Members shall be from any one chapter area. Meetings shall be held at such places as shall be fixed by the Board of Directors and stated in the notice of the meeting. At any meeting of the Society, the presence of members entitled to cast the lesser of 100 votes or 1/10th of the total number of Society Voting Members shall constitute a quorum.

Section 3.2 Notice of Meetings. Notice of meetings of the Society shall be given in writing by the Secretary not less than fifteen (15) nor more than seventy-five (75) days before the date fixed for the meeting, to each member of the Society at the member's last

known address appearing on the records of the Society. Notice of a special meeting shall state the purpose for which the meeting is called and no business other than that set forth in the notice shall be entertained or transacted thereat. Notice of a meeting at which a vote is to be taken upon an amendment of the Bylaws shall set forth the wording of the proposed amendment.

Section 3.3 Voting. At any annual, winter, or special meeting, each Voting Member as hereinbefore defined in Section 2.10 shall be entitled to one vote which may be cast in person or by proxy. A proxy shall not be valid longer than three (3) months from its date of execution.

Nominations shall be put forward by the Nominating Committee as hereinafter provided in Section 7.7.5 and/or made in writing by not fewer than fifty (50) members eligible to vote. Upon presentation of such nominations to the Secretary not less than sixty (60) days prior to the first session of the Annual Meeting, with each nominee's written consent, the nominees' names shall be placed upon the ballot. A notation on the ballot shall indicate that such nominees are presented by members independent of the Nominating Committee.

Section 3.4 Ballot and Proxies. The Secretary shall arrange for the distribution of appropriate proxies, which shall contain space for write-in names, to all Voting Members. Such distribution may be by mail or by publication of such proxies in the official publication of the Society.

Article IV DIRECTORS

Section 4.1 Board of Directors. The Board of Directors shall consist of voting and non-voting members.

The voting members of the Board of Directors shall be the President, President-Elect, Treasurer, elected Vice Presidents, one director for each region, who shall also serve as Regional Chairman, and such number of Directors-at-Large as is set forth in the Rules of the Board.

The non-voting members of the Board of Directors shall be the Chief Staff Officer and the Secretary.

Board members who are also officers of the Society shall be elected as set forth in Article V.

Non-voting members shall be appointed as set forth in Article V. All other members of the Board shall be elected at the Annual Meetings of the Society. They shall be elected for terms of three years, unless otherwise provided hereinabove, and shall continue in office until their successors have been elected and installed. No more than the Regional Chairman and three (3) other members of the Board shall be from any one (1) region at the time of nomination.

Election of directors shall be staggered so that as uniform a number as possible of Regional Chairmen and of Directors-at-Large will be elected at each annual meeting. The order for the election of Regional Chairmen shall be set by the Board of Directors. If the number of Regions is changed, The Board of Directors at the time of such change may vary the number of years of the term of office for Regional Chairmen to be elected by one or two years in order to establish a continuing pattern of staggered terms.

Only Fellows, Life Members, and Members shall be eligible for election as a director.

Section 4.2 Vacancies. If a director dies, resigns, or otherwise vacates the office, the Board of Directors may elect a successor to complete such director's unexpired term, except as hereinafter provided in Article V for those directors who also hold the offices of President or President-Elect. No person shall hold more than one position on the Board of Directors at any one time.

Section 4.3 Powers. The Board of Directors shall have full and complete management and control of the activities and funds of the Society, and may adopt such rules and regulations for the conduct of its meetings, the exercise of its powers and the management

of the affairs of the Society as it may deem proper, subject to the provisions of the laws of the State of New York, the Certificate of Consolidation and these Bylaws.

The Board of Directors shall at its discretion, or upon filing with the Secretary of a petition, refer any important question to the Society to be decided by a majority vote of those Voting Members present in person or by proxy at a regular or special meeting of the Society. In the case of a petition, it must be signed by not less than 300 Voting Members, of which not more than 150 of such Voting Members shall be from any one chapter area.

Section 4.4 Meetings and Quorum. The Board of Directors shall hold regular meetings at approximately the time of the regular meetings of the Society and as often and at such times as the Board of Directors may from time to time designate. Special meetings of the Board may be called by the President or by three (3) members of the Board. The Board of Directors shall keep a record of its proceedings and shall report on its activities at each meeting of the Society and shall present a written report at the annual meeting. A majority of the Board of Directors shall constitute a quorum.

Meetings of the Board of Directors may be called into "Executive Session" during which only Board Members and such individuals as are individually recognized by the President shall not be excluded.

Section 4.5 Notice. Notice of any regular or special meeting of the Board of Directors shall be given to each director by mail, telegraph, cable or wireless to the director's last known post office address at least fifteen (15) days before the meeting, or transmitted orally at least forty-eight (48) hours before the meeting.

Article V OFFICERS

Section 5.1 Officers. The officers of the Society shall be the President, President-Elect, Vice Presidents, Treasurer, and Secretary. The President-Elect, Vice Presidents, and Treasurer shall each be elected annually at the annual meeting of the Society, and their terms of office shall continue until their successors have been elected and installed. Elected officers shall receive no salary, emolument or compensation for services rendered to the Society as an officer. The Vice Presidents and the Treasurer shall be eligible for reelection to the same office for one (1) additional consecutive year. The President shall not be eligible to serve in the same office and the President-Elect shall not be eligible for reelection to the same office for an additional consecutive year.

Section 5.2 Eligibility. Only Fellows, Life Members and Members shall be eligible for election as President, President-Elect, Vice President, or Treasurer.

Section 5.3 Duties. All officers of the Society shall perform the duties customarily attached to their respective offices and such other duties and services incident to their respective offices as are delegated to them by these Bylaws or as may from time to time be assigned to them by the Board of Directors.

Section 5.4 President. The President shall be the chief executive officer of the Society, and shall have general direction of the affairs of the Society, and general supervision over its several officers, subject, however, to the control of the Board of Directors. The President shall at each annual meeting and from time to time report to the members and to the Board of Directors all matters within the President's knowledge which the interest of the Society may require to be brought to their notice; shall preside at all meetings of the members and at all meetings of the Board of Directors; shall sign and execute in the name of the Society all contracts or other instruments authorized by the Board of Directors, except in cases where the signing and execution thereof shall be expressly delegated or permitted by the Board or by these Bylaws to some other officer or agent of the Society; and in general shall perform all duties incident to the office of President and such other duties as from time to time may be assigned by the Board of Directors or as are prescribed by these Bylaws.

Section 5.5 President-Elect. The President-Elect shall automatically succeed to the office of the President at the conclusion of the President's term of office. If the President dies, resigns, or is removed from office, the President-Elect shall immediately become President and shall serve for the remainder of the term of his/her immediate predecessor. If the time served is less than six (6) months he/she shall also serve as President for the next Society year. If the President-Elect dies, resigns, is removed from office or becomes President in accordance with the foregoing provisions, the office of President-Elect shall remain vacant until the next annual meeting of the Society. If there is a vacancy in the offices of both President and President-Elect, the Vice President whose seniority as a member of the Society is longest shall act as President until the next annual meeting of the Society. The President-Elect shall perform all duties as from time to time may be assigned by the Board of Directors or as prescribed by these Bylaws.

Section 5.6 Chief Staff Officer. The Chief Staff Officer shall be appointed by the Board of Directors under an employment agreement approved by the Board of Directors, fixing salary, term of employment, and other conditions. The Chief Staff Officer shall perform all duties as from time to time may be assigned by the Board of Directors or as prescribed by these Bylaws. The Chief Staff Officer shall represent the Society with respect to administrative matters in conjunction with other technical organizations and shall have primary responsibility for staff and personnel matters. The office of the Chief Staff Officer and that of the Secretary may be held by the same person.

Section 5.7 Secretary. The Secretary shall be appointed by the Board of Directors under an employment agreement approved by the Board of Directors, fixing salary, term of employment, and other conditions. The Secretary may also be designated as Chief Staff Officer by action of the Board of Directors. The Secretary shall be subject to removal by a vote of two-thirds (2/3) of the Board of Directors present and voting at its meeting.

The Secretary shall act as secretary of the Board of Directors and of the Executive Committee. The secretary may take part in the deliberations of all committees except the Nominating Committee, but shall not have a vote therein. The Secretary, under the supervision of the Finance Committee, shall have charge of the collections and of keeping the books. The Secretary shall present, at the meeting of the Society following the close of the fiscal year, a summary of membership enrollment and other pertinent records, and shall perform such other duties as may be assigned by the Board of Directors, the Executive Committee, or the President.

Section 5.8 The Treasurer. The Treasurer shall have custody of the funds of the Society and the Society's books of account, which shall be open to the inspection of any member of the Board of Directors.

Section 5.9 Meetings. At all meetings of the Society and of the Board of Directors, the President, or in the President's absence the President-Elect, or in the President-Elect's absence, one of the Vice Presidents in the order of their seniority as members of the Society, or in their absence, the Treasurer, or in the Treasurer's absence, a Director selected by the Board of Directors shall preside.

Section 5.10 Expenditures. The expenditure of the Society's funds shall be governed by the Budget as approved, modified or from time to time amended by the Board of Directors, and no additional expenditures shall be made without the approval of the Board of Directors, or when the Board of Directors is not scheduled to meet in time, by the Executive Committee, with a report to the Board of Directors at their next meeting.

Section 5.11 Surety. The Treasurer, the Secretary, and all Officers, Agents, or Employees authorized by the Board of Directors to endorse or execute drafts for the payment of money, shall give a bond in a penal sum and with the sureties approved by the Board of Directors, for the faithful performance of their duties, the premiums therefor to be paid by the Society.

Article VI COUNCILS

Section 6.1 Councils of the Society. The Councils of the Society shall be comprised of members of the Board of Directors and members elected or designated by the Board of Directors.

Section 6.2 The Board of Directors shall prescribe the qualifications of members of the Councils and the number of Councils. It may, in addition, adopt rules specifying the size of the Councils and the length of term those members elected by the Board of Directors may serve, except as otherwise provided in these Bylaws.

Section 6.3 The Board of Directors may from time to time create other Councils and define their powers and duties, and it may abolish any such Councils.

Section 6.4 The Chairman of each Council shall be a member of the Board of Directors.

Section 6.5 The Councils shall act on behalf of the Board of Directors within limits of fiscal and functional authority granted to them by the Board of Directors, implement Society policy, and administer activities of the committees within their organizational structure.

Section 6.6 The Regions Council. The Regions Council shall be a standing Council of the Board of Directors and shall consist of an officer as its chairman, and one or more officers as vice chairmen, and the Regional Chairmen. The said Council shall consider and report to the Board of Directors on the activities of chapters and branches, and make recommendations to the Board of Directors concerning the policies, procedures, and operations of the Society and its Regions, Chapters, and Branches; it shall coordinate the activities of the Chapters Regional Committees; and it shall investigate applications for the creation of Chapters and Branches and report thereon to the Board of Directors.

Section 6.7 All Councils shall render to the Board of Directors at meetings of the Society, reports of their activities and shall submit progress reports at other times on request of the Board of Directors.

Article VII COMMITTEES

Section 7.1 Committees of the Society. The committees of the Society shall consist of committees of the Board of Directors and General Committees. Committees shall be designated as Standing or Special. Standing Committees are of a continuing nature, while Special Committees are for a specific purpose.

Section 7.2 Unless otherwise provided, the committee members and the respective chairmen thereof shall be selected by the President-Elect in advance of the annual meeting and be confirmed by the President-Elect when he/she takes office as President, with the approval of the Board of Directors at the first meeting called after the report on the election. The General Committees may hold their organization meetings at any time after they are thus confirmed.

Section 7.3 The Board of Directors shall prescribe the qualifications of members of committees and the number of committees. It may in addition, unless otherwise provided, adopt rules specifying the size of committees, the length of term members may serve, and when members may be reappointed, selection procedure, and approval of appointments, except as otherwise provided in these Bylaws.

Section 7.4 The Board of Directors may from time to time create other committees of one (1) or more members, and define their powers and duties, and it may abolish any such committees.

Section 7.5 The Chairman and Vice Chairman of each Committee shall be a member entitled to vote in the Society, except as otherwise provided in these Bylaws.

Section 7.6 The President may appoint any person or persons to serve in a consulting capacity to any Committee.

Section 7.7 The duties and functions of Standing Committees shall be as follows:

Section 7.7.1 Executive Committee. The Board of Directors, by resolution adopted by a majority of the entire Board, may designate from among its members an Executive Committee, the members of which, unless otherwise provided by the Board, shall be the President, President-Elect, elected Vice Presidents, Treasurer and the Secretary, who is a non-voting member. It shall meet at the call of the President, or upon request of any two (2) members of the Committee.

It shall investigate and make reports and recommendations to the Board of Directors regarding matters relating to the Society or any member, or members thereof. During intervals between Board of Directors meetings, the Executive Committee shall exercise administrative powers of the Board of Directors. Matters of policy determined by the Executive Committee between meetings of the Board of Directors shall be submitted to the Board of Directors at its next meeting for approval.

Meetings of the Executive Committee may be called into "Executive Session" during which only members of the Committee and such other individuals recognized by the President shall not be excluded.

Section 7.7.2 Finance Committee. The Finance Committee shall be a Standing General Committee of the Society and shall consist of eight (8) members including the Treasurer, one Vice President, and six (6) other members of the Society. The President shall fill any vacancies on the Committee, with the approval of the Board. Meetings of the Finance Committee may be closed to other individuals except members of the Board of Directors at the discretion of the Chairman.

Section 7.7.3 Chapters Regional Committees. These are Standing General Committees each serving one Regional Area, and shall consist of one (1) delegate and one (1) alternate delegate selected by each Chapter therein, to serve for a term of one (1) year, and the Director who also serves as Regional Chairman for the area, who shall be the chairman of the Committee. The Committee shall solicit from the Chapters and Student Branches within their respective Regional Areas recommendations concerning the policies, procedures and operation of the Society, its Chapters and Student Branches, review the same, and make recommendations thereon to the Regions Council. Said Committees shall select one (1) member and one (1) alternate from their respective Regions to serve on the Nominating Committee, and duly notify the Secretary of such selections. The alternate delegates of Chapters Regional Committees may be present at committee meetings and participate in the deliberations thereof, but shall not vote therein except in the absence of the committee delegates for whom they respectively are alternates.

Section 7.7.4 The Admissions and Advancement Committee. This is a Standing General Committee, and shall receive all applications for membership and advancement and recommend the names of all applicants and the grade for which it considers them eligible, except membership grades conferred as an honor, and report to the Board of Directors. The correspondence, information obtained, and proceedings of said committee shall be confidential, and its records of unsuccessful applicants shall be destroyed within a reasonable time.

Section 7.7.5 The Nominating Committee. This Standing General Committee shall select candidates for elected officers and members of the Board of Directors. It shall consist of at least twenty-two (22) members, each of whom shall hold the grade of Member, or higher in the Society. Each shall have been a full Member in good standing in the Society for a period of at least five (5) years at the time of selection. Selection shall be made as follows: One (1) member with one (1) alternate from each region of the Society, selected by the Chapters Regional Committee of each respective region, and eight (8) members and eight (8) alter-

nates, selected by the Board of Directors. The immediate Past President or the most recent Past President willing to serve shall be a member and shall serve as Vice Chairman of the Committee then advance to Chairman when replaced as Vice Chairman.

The Nominating Committee shall serve during the Society Year for which it is elected. Members and Alternates shall be selected as follows: Regional selectees, by the Chapters Regional Committees at their regularly-called meetings; Board of Directors selectees, by the Board at a regular meeting.

There shall not be more than three (3) members and three (3) alternates from any one (1) region at the time of their selection except for the Chairman. No member of the Board of Directors shall be eligible to serve on the Nominating Committee.

Section 7.7.6 The Research and Technical Committee. This is a Standing General Committee elected by the Board of Directors and shall conduct and coordinate basic research and technical studies in the fields of heating, refrigeration, air conditioning and ventilation, subject to the proviso that these activities shall be devoted to the public welfare and general benefit, and shall not be designed to promote any individual, private or commercial interests.

This committee shall plan for, and have charge of, the activities of the technical committees appointed to further the advancement of the arts and sciences of heating, refrigeration, air conditioning and ventilation, and the allied arts and sciences for the public benefit. It shall determine the scope of activities of each of these technical committees. It shall be responsible for publication of research bulletins and technical bulletins, other than those resulting from technical meetings, and which it considers of permanent value.

The chairman, on the recommendation of the committee, shall appoint such technical committees as may be deemed expedient to carry out the objectives of the committee.

Section 7.8 All General Committees and Special Committees, except the Nominating Committee, shall render to the Board of Directors, prior to Meetings of the Society, reports of their activities and shall submit progress reports at other times on request of the President.

Section 7.9 The Board of Directors may, by a two-thirds (2/3) votes of members present, remove a member of any committee except Chapters Regional Committees or the Nominating Committee.

Article VIII INDEMNIFICATION

The officers and directors of the Society shall have the full rights to indemnification permitted by the New York Not-For-Profit Corporation Law and such successor provisions thereof as may be in effect from time to time.

Article IX CHAPTERS AND REGIONS

The Board of Directors may establish chapters, branches and regions, in areas having an adequate number of Society members for proper support, which shall operate under the provisions of the Certificate of Consolidation, Bylaws of the Society, and the Rules of the Board of Directors.

Article X MISCELLANEOUS

Section 10.1 Fiscal Year. The fiscal year of the Society shall end on June 30 of each year.

Section 10.2 Official Publication. The Board of Directors shall designate one or more of the publications as the Official Publication of the Society sent to all members for the publishing of official notices.

Section 10.3 Fees and Annual Dues. Initiation and advancement fees and annual dues shall be fixed by the Board of Directors from time to time, shall be payable as determined by the Board of Directors, and shall be published periodically in the official publication of the Society.

Reduced fees and dues may be fixed for members whom the Board of Directors, in its sole discretion, determines to be "Retired Members."

**Article XI
FUNDS**

Section 11.1 Society Reserve Fund. Certain funds, as may from time to time be recommended by the Finance Committee and approved by the Board of Directors, shall be set aside and the principal thereof maintained as a Society Reserve Fund. The Board of Directors is authorized and empowered, in any fiscal year in which the Society's revenues may be insufficient to meet expenses, to utilize up to a maximum of twenty percent (20%) of the Society Reserve Fund as valued on the first day of the fiscal year in which such a withdrawal may be required.

Section 11.2 Allocation of Dues for Research. The Board of Directors shall determine the amount of the member dues income

that shall be allocated for basic or fundamental research in the principles and laws underlying matters in the arts relating to the sciences of heating, refrigeration, air conditioning and ventilation, and the allied arts and sciences.

Section 11.3 Audit. After the close of the fiscal year, the accounts of the Society shall be audited by a certified public accountant approved by the Board of Directors, and the auditor's report shall be published in the official publication as soon as practicable, but no later than six months after the end of the fiscal year.

**Article XII
AMENDMENTS**

Section 12.1 Written notice of a proposed amendment to these Bylaws, subscribed to by two-thirds ($\frac{2}{3}$) of the members of the Board of Directors or by fifty (50) Voting Members, may be given at any duly convened meeting of the Society. Notice of such proposed amendment shall be set forth in the notice of the next succeeding meeting of the Society. The Bylaws shall be amended by two-thirds ($\frac{2}{3}$) of the votes cast at such meeting.

Section 12.2 Renumbering. The Board of Directors may, by a two-thirds ($\frac{2}{3}$) vote, renumber existing Articles or Sections of these Bylaws.

JOHNSON
CONTROLSSeptember 14TH 1988

CRC Meeting

Kirk Flowers
Don Johnson
John Kenney
Bert FennerGreg James
Peter Gales
Charles Clemence
Dick Palser

1. Charles Clemence to get a letter to the Mayors office, Re: Mayor Addressing the CRC.
2. We should make up a list of restaurants to direct people to the various restaurants in town.
3. Charles Clemence to co-ordinate Audio Visual Equipment, John Kenney will give Charles a list of requirements.
4. Charles Clemence has been arranging busses to transport people to the Energy from Waste Plant.
5. Non registered attendees for the Technical Tour will be charged \$10.00.
6. Peter to ask John Reid if Student Chapter Charter has arrived from Atlanta yet.
7. Greg to Fax to John layout of ASCOT NIGHT Horse Racing Track.
8. Dick Palser to arrange gifts for President's wife (Josephine Flagg) and one for Norm Johnson's wife.
9. Dick to get a gift for Technical Speaker -- Peter Torbet (3M).
10. We should write and thank 3M after the Technical Tour.
11. The charge for Thursday or Friday night for the Chapter Members Attending is \$45.00 per couple or \$22.50 single.
12. John Kenney to write a letter to the wives inviting them to the CRC.
13. John Kenney to give a CRC write-up to the newsletter to inform London Chapter Members about CRC. Don Johnson would like to ensure that Chapter Members arrange for tickets in advance and should pay by cash or cheque. He doesn't want to have to bill Chapter Members for the events they attend.

NEXT MEETING AT DON JOHNSON'S HOUSE SEPT. 21ST 7 PM

CAROL:

PLEASE CALL THE THREE COMPANIES AND OBTAIN PRICES TO
- CHARTER 3 - 12 PASSENGER VANS FOR FRIDAY OCTOBER 7/88.
FROM 9:30 AM TO 11:30 AM. WITH DRIVERS

THE VANS WILL BE USED TO SHUTTLE ABOUT 120 PEOPLE
BETWEEN THE WHARTON HOTEL AND 3M ON OXFORD STREET.
ON A 10 MINUTE INTERVAL.

CALL:

1. ABOUT TOWN 663-2222

10 passenger seats > only 1 available
\$50 first hour
\$40 succeeding hours

2. ROBERT Q AIRBUS. 673-6804

- Mary Beth -
~ 120:00

8-10-14 seats
to return call.

3. LANGS BUS LINES 2641410

not licenced

Pollock Rentals 681-0585 > 12 passenger

LTC 451-1340

~~Eric Coach - 685-9130~~ → Not available

> Charterwup - 685-6340 > 11 passenger not licenced
Voyager 455-4579 > 6 - (13 passenger) \$40/hr
Perry

The first part of the paper is devoted to a general discussion of the problem. It is shown that the problem is well-posed in the sense of Hadamard. The second part is devoted to the construction of the solution. It is shown that the solution exists and is unique. The third part is devoted to the numerical solution of the problem. It is shown that the numerical solution is stable and accurate.

The fourth part of the paper is devoted to the application of the results to the problem of the stability of the equilibrium of a rotating body. It is shown that the equilibrium is stable for all values of the parameters. The fifth part is devoted to the conclusion. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body.

The sixth part of the paper is devoted to the bibliography. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body. The seventh part is devoted to the conclusion. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body.

The eighth part of the paper is devoted to the bibliography. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body. The ninth part is devoted to the conclusion. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body.

The tenth part of the paper is devoted to the bibliography. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body. The eleventh part is devoted to the conclusion. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body.

The twelfth part of the paper is devoted to the bibliography. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body. The thirteenth part is devoted to the conclusion. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body.

The fourteenth part of the paper is devoted to the bibliography. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body. The fifteenth part is devoted to the conclusion. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body.

The sixteenth part of the paper is devoted to the bibliography. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body. The seventeenth part is devoted to the conclusion. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body.

The eighteenth part of the paper is devoted to the bibliography. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body. The nineteenth part is devoted to the conclusion. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body.

The twentieth part of the paper is devoted to the bibliography. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body. The twenty-first part is devoted to the conclusion. It is shown that the results of the paper are of interest for the theory of the stability of the equilibrium of a rotating body.

CAROL:

PLEASE CALL THE HIGHLAND AT 681-8223

ASK FOR WENDY.

ASK TO

RESERVE THE BOARD ROOM FOR SEPTEMBER 13 /88 (TUESDAY)
FROM 4:30 TO 6:00 FOR ASHRAE BOARD OF GOVERNORS
MEETING.

IF THAT TIME IS OK! SEND OUT LETTERS

IF THAT TIME IS NOT OK THEN ASK IF THE
MONDAY SEPT. 12 OR THURS. SEPT 15 IS OK

THE DATE ON THE LETTER WILL HAVE TO BE CORRECTED.
WITH PEN AND THEN SENT OUT.

PLEASE CALL THE NUMBER AT 212-852-8222

ASK FOR WALTER

A.K.A.

PLEASE THE BOARD FROM FOR INFORMATION IS (SEE ATTACHED)
FROM THE 2:00 PM ASHRAE BOARD OF DIRECTORS
MEMBER

IT IS THE POLICY OF THE BOARD OF DIRECTORS TO
MAINTAIN THE CONFIDENTIALITY OF ALL INFORMATION
OBTAINED FROM MEMBERS OF THE BOARD OF DIRECTORS
AND TO PROTECT THE PRIVACY OF ALL INFORMATION
OBTAINED FROM MEMBERS OF THE BOARD OF DIRECTORS
AND TO PROTECT THE PRIVACY OF ALL INFORMATION
OBTAINED FROM MEMBERS OF THE BOARD OF DIRECTORS

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Johnson Controls Ltd.
594 Newbold Street
LONDON, Ontario N6E 2W9
(519) 681-1221

FAX TRANSMISSION FORM

FAX (519) 681-9322

JOHNSON
CONTROLS

TO: 3M

ATTENTION: CHARLES CLEMENTE

FAX NO: 452-6167

FROM: GREG JAMES

DATE: Sept 17th 88

NO. OF PAGES (INCLUDING TITLE PAGE) 3

SUBJECT: CRC 88 Sept 7th MTG MINUTES

MESSAGE:

FAX OPERATOR _____

FORM NO. 500

September 7, 1988

CRC - 88 COMMITTEE MEETING

Present:

Nora Johnson
George Buckler
Greg James
Don Johnson

Bert Fenner
Tom Drennan
John Kenney

1. John Kenney is to be transferred to Kansas City effective October 1st. as it stands John intends to be in London for the CRC.
2. Newsletter to be sent out on September 15th we should ensure that there is an outline of the CRC Events in the Newsletter.
3. Phone committee should be phoning to get membership prepared to attend at least 2 events the phone committee should also get members home addresses to send invitations to the wives.
4. Chapter members should also be invited to attend Saturday morning workshop.
5. Cliff should ensure that the ladies program includes some activity on Saturday morning.
6. Chapter Members should be encouraged to get involved with Thursday Night Activities at Second City and Friday Chapter Meeting/Ascot Night.
7. Greg and Tom to inform phone committee about CRC and get phone calls made to the membership.
8. Greg James to get home address of each member from the phone committee so that John Kenney can send each members spouse an invitation.
9. ASHRAE Research Canada will have a meeting 7 AM Friday Morning for about 45 minutes. Tom Drennan should arrange a room for them with coffee and danish.
10. CRC Planning Meeting will take place September 7, September 14 - Lunch at 12:00 Noon Shriners Club, September 21 - At Don Johnson's Home, September 28 - At Greg James Home.

11. Don is concerned that there are only 6 registrants but George Buckler pointed out that this is typical of past CRC's. We should therefore expect a large number of registrants to pay upon arrival at the CRC.
 12. John Kenney feels we should send out an invoice or thank you note to Union Gas and to Hydro so that we can collect their money ASAP.
 13. Don Johnson pointed out that he doesn't have facilities to prepare table top ~~name~~ cards. It was pointed out that hand written ~~name~~ cards would be OK as a last resort.
 14. We need place cards at the head table of various functions.
 15. Nora Johnson to write to the delegate and alternate and request the Chapter Banners be brought to CRC.
 16. John Kenney has brochures and will send them out to each Chapter Member.
 17. Give away items have to be obtained to be handed out at registration time. Bert Fenner to look into this.
 18. Bert would like to ensure that there is a French speaking person available for the registration. Cliff will arrange for Georgette Vanderwesten or Barbara Miles to be on hand. It was also suggested Cliff or another member who knows many of the attendees will be available to greet arriving delegates.
 19. Either Tom Drennan or John Kenney will be at the hotel all the time and Tom Drennan will be designated the CRC secretary.
 20. Greg and Cindy James will offer to Chapter Members for \$10.00 that Business Cards be placed in the Program for our Friday Night Ascot Night Event.
- Next meeting at the Shriner's Hall 12:00 Noon on September 14th.

11. Don is concerned that there are only 5 registrants but George Backler pointed out that this is typical of past CRC's. We should therefore expect a large number of registrants to pay upon arrival at the CRC.

12. John Kenney feels we should send out an invoice or thank you note to Union Gas and to Hydro so that we can collect their money.

13. Don Johnson pointed out that he doesn't have facilities to prepare table for name cards. It was pointed out that hand written name cards would be OK as a last resort.

14. We need place cards at the head table of various functions.

15. Mark Johnson to write to the delegate and alternate and request the Chapter Business be brought to CRC.

16. John Kenney has brochures and will send them out to each Chapter Member.

17. Five easy issues have to be obtained to be handed out at registration time. Don to look into this.

18. Don would like to know that there is a French speaking person available for registration. Cliff will arrange for George Van... It was also suggested that some many of the delegates.

19. Extra to the time and the CRC secretary.

20. Don and... for Members for \$10.00... for our 14 day night... about night.

21. Don on September 14th.

11.00
Pool
1.65
\$13.53

110.00

1988 REGION II CRC — THE WHARTON HOTEL/L'HOTEL WHARTON

Overseas Paul Real Road

Wednesday, October 5th/mercredi, 5 octobre

Registration/Enregistrement *Crowded Lobby!*
 C.R.C. Orientation - Opening (coffee)/Overture (cafe) 11:00 a.m. - 5:00 p.m.
 Caucus/Caucus 1:30 p.m. - 2:00 p.m.
 Host Reception/Reception du hôte 2:00 a.m. - 5:00 p.m.
 Dinner (on your own)/Souper à libre 6:00 p.m. - 8:00 p.m.

Thursday, October 6th/jeudi, 6 octobre

Registration/Enregistrement 8:00 a.m. - 5:00 p.m.
 Introductions/Introductions 8:30 a.m. - 9:00 a.m.
 First Business Session/Première séance des affaires ..*Celebrating hearings*..... 9:00 a.m. - 12:00 Noon
 Luncheon/Dîner 12:00 Noon - 1:00 p.m.
 Second Business Session/Deuxième séance des affaires 1:00 p.m. - 4:00 p.m.
 Executive Session/Session executive 4:00 p.m. - 5:00 p.m.
 Dinner Theatre - Second City - Souper théâtre
 Reception (cash bar)/Réception (pay bar) 6:00 p.m. - 7:00 p.m.
 Dinner/Souper 7:00 p.m. —→

Friday, October 7th/vendredi, 7 octobre

Registration/Enregistrement 9:00 a.m. - 5:00 p.m.
 Technical Tour/Visite technique 8:30 a.m. - 11:30 a.m.
 Energy from Waste - 3M Canada Inc/Energie des déchets
 Presidential Luncheon/Dîner du Président *Anniversary Ball 1988* 12:00 Noon - 2:00 p.m.
 Committee Reports/Rapports des comités 2:00 p.m. - 3:00 p.m.
 Chapter Orientation Workshop/Atelier d'orientation 3:00 p.m. - 5:00 p.m.
 Dinner - Ascot Night - Souper
 Reception (cash bar)/Réception (pay bar) 6:00 p.m. - 7:00 p.m.
 Dinner/Souper 7:00 p.m. —→

Saturday, October 8th/samedi, 8 octobre

Regional Workshops/Ateliers régionaux 8:00 a.m. - 12:00 Noon
 Business Session/Séance des affaires 12:00 Noon - 1:00 p.m.

SOCIETY OFFICERS
1988 - 1989

President	Louis F. Flagg
President Elect	Dawd S. Butler
Vice President	Donald E. Nichols
Vide President	George W. Buckler
Vice President	Richard A. Charles
Vice President	Donald G. Rich
Treasurer	A. Damon Gowran

REGION II OFFICERS
1988 - 1989

Chairman	Norm Johnson
Vice Chairmen	
Education & Chapter Program	- Daryl Boyce
Energy & Technical Affairs	- Ken Bodine
Membership Promotion	- Gerard Doyle
Refrigeration	- Phil Landry
Research Promotion	- Bill Chadwick

LONDON CHAPTER
PRESIDENT
Charles Clemance

CRC 1988 DELEGATES

Windsor	Chris Hales
London	Jerry Lavender
Hamilton	Peter Golem
Mississauga	Charles Clemance
Toronto	Cliff Schemmer
Ottawa Valley	Gary Romagnoli
Montreal	Bernard Ratledge
Ville De Quebec	Eli Bartorelli
New Brunswick	J.D. Owens
Halifax	E.H. Wheatley
	Simon Jol
	William McKinnon
	Eile Shama
	Laurier Nichols
	Jean-Luc Morin
	Reynald Courtemanche
	Gerry Waselychuk
	Rino Levesque
	Victor Belliveau
	Hari Singh

WELCOME

London is proud to host Region II Chapter's Regional Conference from October 5-8th, 1988. This is the first year of the expanded four day format. Since the conference also leads into the Thanksgiving weekend, we hope that all delegates will bring a companion and enjoy the special autumn weather in London. Our headquarter's hotel, The Wharton, is a new facility in the heart of the city within easy walking distance of city centre malls and exclusive shopping areas. The companion's daytime program and the evening social program have been planned to ensure a pleasurable stay.

Please come join us on October 5th through October 8th, 1988 in London. The attached registration form should be returned by September 15th to take advantage of the early registration price reduction.

BIENVENUE

London est bien fier d'avoir l'honneur de recevoir la conférence régionale de la Région Numéro 2 cette année. La conférence aura lieu du 5 au 8 octobre 1988. C'est la première fois que la conférence durera quatre jours. Les jours de conférence précèdent la fête de l'Action de Grâce.

La Conférence aura lieu à l'hôtel Wharton qui se trouve au centre ville tout près des magasins et de beaux centres d'achat. On a préparé un programme de deux jours pour les personnes qui accompagnent les délégués.

Remplissez et retournez votre formule d'enregistrement avant le 1er septembre 1988. Si vous le faites avant cette date-là, vous bénéficiez d'un rabais.



CHAPTERS
REGION II
CONFERENCE
NEWSLETTER

OCTOBER
5TH - 8TH
1988

London
Welcomes
CRC '88



AMERICAN SOCIETY OF HEATING, REFRIGERATING AND
AIR-CONDITIONING ENGINEERS, INC.

LONDON CANADA CHAPTER / 521 COLBORNE ST. / LONDON, ONTARIO N6B 2T6

September 8, 1988

Mr. Charles Clemance
3M Canada Ltd.
42 Sasha Crescent
London, Ontario N6E 2M5

Dear Charles:

Re: Region II CRC
October 5 - 8, 1988

Our Region II CRC is fast approaching! The London Chapter is very excited to be hosting the first spring CRC to be held in the fall.

As members of this Chapter, I know that all of you want to be a part of the festivities to make this CRC a memorable occasion for all.

It would be greatly appreciated if each and every one of you could donate part of your time and effort to make this a success. Hosts and hostesses are required - if you have the time, we can find a spot for you to fill.

I have enclosed a Conference Newsletter and Hotel Registration form for your use. If more are required, please do not hesitate to call.

Remember - this is your Chapter! We need your help. Let's show our hospitality to all!

Very truly yours,

ASHRAE-LONDON CHAPTER


John L. Kenney
Host Chairman

JK:ct
encl



AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.

LONDON CANADA CHAPTER / P.O. 653 / LONDON, ONTARIO N6A 4Y4

LONDON WELCOMES YOU

The City of London is the urban heart of the rich agricultural land of southwestern Ontario. One of the more southern cities in Canada, London enjoys extended summer weather that most often results in pleasant Thanksgiving temperatures.

No visit to London would be complete without a drive through the scenic Springbank Park which flanks the Thames or a stop at the gracious Eldon House. Built in 1834, this sheathed frame house was occupied by four generations of the Harris family until 1959 when it was presented to the citizens of London. Many of the eclectic furnishings and curios are souvenirs of the Harris family's voyages abroad to Europe, Asia, and Africa and add to the unique charm of the house. Other local attractions such as the Children's Museum, Regional Art Gallery and Museum of Indian Archaeology are within easy reach of the conference hotel.

The spouse's package however, takes you farther afield to view the splendour of a Middlesex autumn - and to do a little shopping.

On Thursday at 10:00 a.m., you will travel by motor coach through the Middlesex and Huron County countryside to lunch at the Benmiller Inn outside Goderich. This restored mill on the Maitland River is famous for its cuisine and country ambience. Wear comfortable walking shoes to explore the woodland pathways. Don't forget to bring your camera. From the Benmiller Inn, it is a short ride to bluffs overlooking the Goderich harbour to preview a Lake Huron sunset. You will return to the hotel early enough to rest awhile before joining all the delegates at the Second City Revue. This dinner theatre troupe will have you laughing at their topical skits.

Friday morning is open for you to relax over breakfast, enjoy a swim in the hotel pool, or check out the boutiques on Richmond Row. After joining the delegates for the President's luncheon, we leave them for a tour with a fashion slant. No, not just another fashion show but a trip through the Kettle Creek Canvas Co.'s plant in nearby Port Stanley. This dynamic young company with over 40 national franchise outlets, specializes in beautiful leisure wear that is colourful and durable. Come get a preview of next year's cruise wear. After a garden tea break, you'll have further time to wander through this Lake Erie harbour town before returning to the Wharton and the closing banquet.

See you in October in London.

P.S. Bilingual hostesses on both tours will make everyone feel right at home.



AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.

LONDON CANADA CHAPTER / P.O. 653 / LONDON, ONTARIO N6A 4Y4

BIENVENUE A LONDON

La ville de London se trouve au coeur d'une région agricole très riche au sud-ouest de l'Ontario. A cause de sa situation géographique au sud du Canada, les températures estivales continuent souvent jusqu'à la fête de l'Action de Grâce.

C'est une belle ville à visiter. On peut se promener dans le parc Springbank qui longe la rivière Thames ou visiter la maison Eldon. Construite en 1834, cette maison à charpente de bois a été occupée par quatre générations de la famille Harris jusqu'en 1959. A ce temps-là, on en a fait don aux citoyens de London. Cette maison charmante est meublée des souvenirs acquis pendant des voyages faits par des membres de la famille en Europe, en Asie et en Afrique. On peut aussi visiter le Musée des Enfants, la Galerie d'Art Régional et le Musée D'Archaeologie indienne qui sont tous très près de l'hôtel Wharton.

Il y a des distractions pour tout le monde. Pour ceux qui accompagnent les délégués, on a prévu d'autres activités. Jeudi, à 10 h, on prendra l'autocar pour se promener dans les comtés de Middlesex et d'Huron. On dînera à l'Auberge Benmiller près de Goderich. Ce moulin qui se trouve près de la rivière Maitland a été récemment restauré. Il est bien connu pour sa bonne cuisine et son ambiance campagnarde. On pourra explorer les sentiers dans la forêt autour du moulin. Alors, portez des souliers bien confortables. N'oubliez pas votre appareil photographique non plus. De l'auberge, on pourra se rendre aux falaises qui donnent sur le port de Goderich pour voir un beau coucher de soleil sur le lac Huron. Le soir, on sortira pour souper et regarder les présentations très amusantes de Second City Revue.

Vendredi matin, on aura du temps libre. On peut rencontrer des amis pendant le petit déjeuner ou se baigner dans la piscine de l'hôtel ou bien magasiner dans les boutiques de Richmond Row. Après avoir rencontré les délégués pour le dîner du Président, on partira pour un tour de la compagnie Kettle Creek Canvas à Port Stanley. Cette compagnie dynamique a plus de 40 franchises où on peut acheter de beaux vêtements de loisir. Après avoir pris un thé dans un jardin, on peut se promener dans ce petit village pittoresque avant de retourner à l'hôtel. Le soir, il y aura le banquet de clôture.

p.s. Des guides bilingues seront disponibles pendant les tours.



CHAPTERS REGION II CONFERENCE NEWSLETTER

OCTOBER

5th - 8th

1988

LONDON

WELCOMES

CRC 88

1988 REGION II CRC - THE WHARTON HOTEL

Wednesday - October 5th

Registration 11:00 AM - 5:00 PM
 Opening (coffee) 1:30 PM - 2:00 PM
 Caucus 2:00 AM - 5:00 PM
 Host Reception 6:00 PM - 8:00 PM
 Dinner (on your own)

CRC ORIENT

Thursday - October 6th

Registration 8:00 AM - 5:00 PM
 Introductions 8:30 AM - 9:00 AM
 First Business Session 9:00 AM - 12:00 NOON
 Luncheon 12:00 NOON - 1:00 PM
 Second Business Session 1:00 PM - 4:00 PM
 Executive Session 4:00 PM - 5:00 PM
 Reception (cash bar) 6:00 PM - 7:00 PM
 Dinner Theatre - Second City

Friday - October 7th

~~Ashrae Research - Canada DELFTO~~
 Registration 8:00 AM - 9:00 AM
 Technical Tour 9:00 AM - 12:00 NOON
 Energy from Waste - 3M Canada Inc. 9:30 AM - 11:30 AM
 Presidential Luncheon 12:00 NOON - 2:00 PM
 Committee Reports 2:00 PM - 3:00 PM
 Chapter Orientation Workshop 3:00 PM - 5:00 PM
 Reception (cash bar) 6:00 PM - 7:00 PM
 Dinner - Ascot Night

Saturday - October 8th

Regional Workshops 8:00 AM - 12:00 NOON
 Business Session 12:00 NOON - 1:00 PM

V
Fold

Fold

SOCIETY OFFICERS 1988 - 1989

President Louis F. Flagg
 President Elect David S. Butler
 Vice President Donald E. Nichols
 Vice President George W. Buckler
 Vice President Richard A. Charles
 Vice President Donald G. Rich
 Treasurer A. Damon Gowan

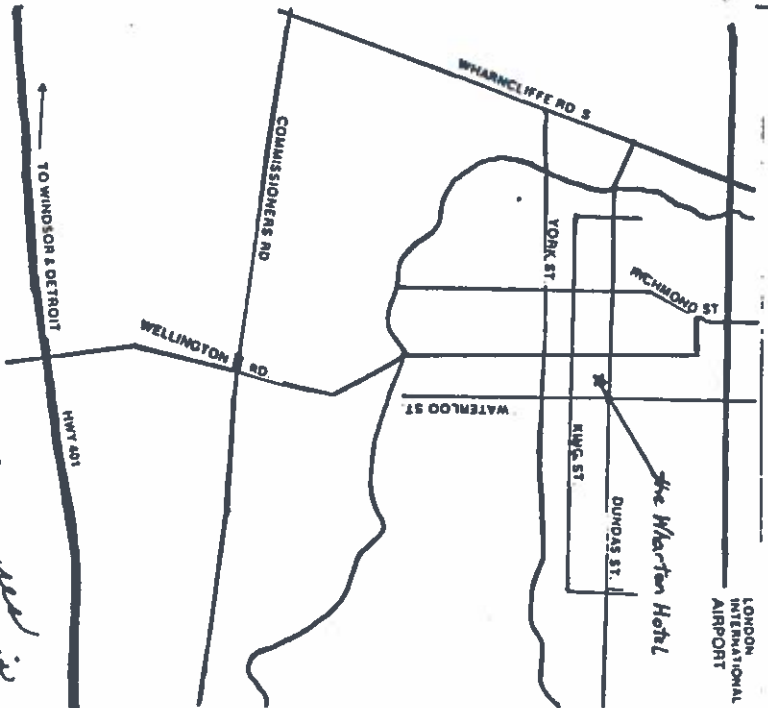
REGION II OFFICERS 1988 - 1989

Vice Chairmen -
 Education & Chapter Program Dave Boyce
 Mem. Promotion Gerry Boyce
 Research Prom. Bill Chadwick
 Research Prom. Bill Chadwick
 Research Prom. Bill Chadwick
 Research Prom. Bill Chadwick
 LONDON CHAPTER PRESIDENT
 Charles Clemance

CRC 1988 DELEGATES

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London	Peter Golem
	Charles Clemance
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	Gary Romagnoli
Mississauga	Bernard Ratledge
	Eli Bartomei
Toronto	J. D. Owens
	E. H. Wheatley
Ottawa Valley	Simon Jol
	William McKinnon
Montreal	Elie Shama
	Laurier Nichols
Ville De Quebec	Jean-Luc Morin
	Reynald Courtemanch
New Brunswick	Gerry Waselynchuk
	Rino Levesque
Halifax	Victor Belliveau
	Hari Singh

*Windsor 402
 London Ont.
 Dr. ...
 ...*



Ten miles from London Airport
 Three blocks from CN station
 Ten miles north of Hwy. 401

*...
 ...
 ...*

Please make reservations directly with the Wharton.
 Hotel registration form is enclosed or phone 888888888

CRC 1988 COMMITTEES

Chairman	John Kenney (519) 679-7770
Accommodations	Tom Drennan (519) 438-9807
Finance	Don Johnson
Technical	Charles Clemance
Registration	Bert Penner
Entertainment	Greg James
Companion Programme	Cliff Morrison
Publicity	Kirk Flowers

TECHNICAL PROGRAMME

A technical talk on the energy from waste management project at 3M Canada Inc. will be followed by a tour of the installation. Design engineers and plant operators will act as guides and answer questions.

SPECIAL EVENTS

Wednesday
 Early arrivals are invited to the hospitality room which is open to serve beverages and snacks to delegates and spouses as they arrive to register. Host reception in the hotel rotunda is from 6 to 8pm and the hospitality suite will remain open until 10pm.

Thursday - Second City
 One block from the hotel is the Second City Dinner Theatre. (Yes, it is the same Second City that spawned the comic talents of Belushi, Ackroyd, Radner, et al in Chicago.) This evening the theatre is open only for the dining and entertainment pleasure of our ASHRAE guests.

Friday - Ascot Night

The President's Banquet will precede an evening of dancing and merriment. The excitement of horse racing, complete with pari-mutuel betting, comes to the hotel. (We suggest that you join in the spirit by wearing a "suitable" hat for this Night at the Races.)

COMPANION TOURS

Thursday - Enjoy the autumn scenery en route to lunch at the Benmiller Inn in Goderich. Explore the grounds at Benmiller before taking a short visit to the Goderich harbour.

Friday - Take a very special afternoon fashion excursion to the Kettle Creek Canoe Co.'s factory in Port Stanley and preview next spring's cruise-wear collection. There will be ample leisure time to wander among the boutiques or visit the fisher...

DATE: August 24, 1988

TO: Charles Clemance

3M Canada

FAX # 452-6167

FROM: Carol

RE: CRC September Meetings

TOTAL NUMBER OF PAGES TRANSMITTED 1

MESSAGE: My copy of June 1st 1988 CRC Meeting Minutes is very light and
would not copy very well over fax. However, September meetings
are scheduled for September 7th, 14th, 21st, 28th and October 4th.
If I can be of any further help, please do not hesitate to call.

IF COPY IS ILLEGIBLE OR INCOMPLETE, PLEASE CALL (519) 679-7770 FOR RETRANSMISSION.

6178285612

AUG 24 '88 13:04 FROM KINNEY VACUUM

PAGE.001

888-888-8888 1-800-888-8888 1-800-888-8888

DATE: August 24, 1993

TO: [illegible]

FM: [illegible]

FAX: 432-6167

FROM: Carol

RE: GRC September Meeting

TOTAL NUMBER OF PAGES TRANSMITTED: 1

MESSAGE: My copy of your fax for 1993 GRC Meeting Minutes is very light and

would not copy very well over fax. However, September meetings

are scheduled for September 1st, 1st, 2nd and October 1st.

If I can be of any further help, please do not hesitate to call.

IF THIS IS ILLEGIBLE OR INCOMPLETE, PLEASE RECALL ALWAYS FOR RETRANSMISSION.

THE FAX WILL BE RECALLED IF NECESSARY. PLEASE RECALL ALWAYS FOR RETRANSMISSION.

JOHNSON
CONTROLS

MINUTES OF JUNE 16TH 1988 CRC MEETING

Present: D. JOHNSON C. MORRISON
J. KENNEY P. SOLEM
K. FLOWERS C. CLENENCE
G. JAMES B. FENNER

1. We have 6 sponsors for the CRC coffee breaks. Each of the sponsors should be sent an invoice Johnson Controls, Gaylord, Engineered Air, Nortek, Roberts-Gordon, C.B.&F.
2. Atlanta want to send publications to be sold at CRC. John Kenney needs someone to be in charge of this function.
3. Cliff Morrison will phone Atlanta to get clarification about their plans with regard to selling publications.
4. Peter Golem to follow up with Union Gas re: \$1,000 sponsorship.
5. Cindy & Greg James to check with McCullochs to see if they have a 'horse race' also we should get the price for having a Disk Jockey for Friday night.
6. Burt to check with Don Morton and Stewart Lockhart and Walter Deans regarding assistance.
7. Don J. to print out alternates and delegates badges on his computer.
8. Original speaker for 3M Energy from Waste - not available, Charles CLENENCE will work on this.
9. Benmiller Inn want a deposit. Cliff and Don to clear up.
10. Schedule to be altered to extend Presidential Luncheon.
11. Welcome to London introduction letter was translated by Barbara Miles also Timetable was translated by Barbara therefore John Kenney instructed Greg James to send her a thankyou letter for her efforts.
12. 5 chapters left to pay 'Chapter Assessment'.
13. Cliff and Darrel Boyce to investigate the setting up of a table at the ASHRAE meeting to advertise CRC.

JOHNSON
23

MINUTES OF JUNE 14TH 1988 CRC MEETING

- | | | |
|-------------|------------|-----------|
| C. MORRISON | D. JOHNSON | President |
| P. HALEY | J. KEANEY | |
| C. CLEWCE | K. FLEMERS | |
| H. FEWSTER | A. JAMES | |

1. To have a sponsor for the CRC coffee breaks. Each of the sponsors should be sent an invoice Johnson contacts Gaylor. Expenses for: Moulton, Robert-Gordon, C.B.S.E.

2. Minutes sent to send publications to be sold at CRC. John Kennedy needs someone to be in charge of this function.

3. Duff that team will phone Atlanta for get clarification about their plans with regard to selling publications.

4. Peter Jones to follow up with Union Gas re: \$1,000 sponsorship.

5. Duffy & Greg James to check with McMillan to see if they have a horse race, also we should get the price for having a Disk Jockey for Friday night.

6. Duff to lunch with Don Horton and Stewart Lockhart and Walter Burns regarding assistance.

7. Don J. to print out alternatives and delegate badges on his computer.

8. Original sponsor for CW Energy from Waste - not available. Don J. to contact will work on this.

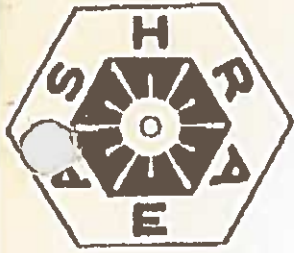
9. Jennifer Lin want a deposit. Duff and Don to clear up.

10. Schedule to be altered to extend Presidential Luncheon.

11. Welcome to London advertisement letter was drafted by Barbara. Barbara to investigate translation by Barbara therefore John Kennedy contacted Greg James to send her a translation letter for her effort.

12. Duff to pay Chapter Assessment.

13. Duff and the rest of the team to investigate the selling of a table at the ASBAE meeting to subsidize CRC.



A S H R A E

PRESENTS THEIR ANNUAL GOLF TOURNAMENT

FANSHAWE GOLF CLUB

WED. JUNE 21, 1989

TEE OFF BETWEEN 9 & 11 A.M.

SMORGAS BORD
DINNER

GOLF PRIZES

DOOR PRIZES

CASH BAR

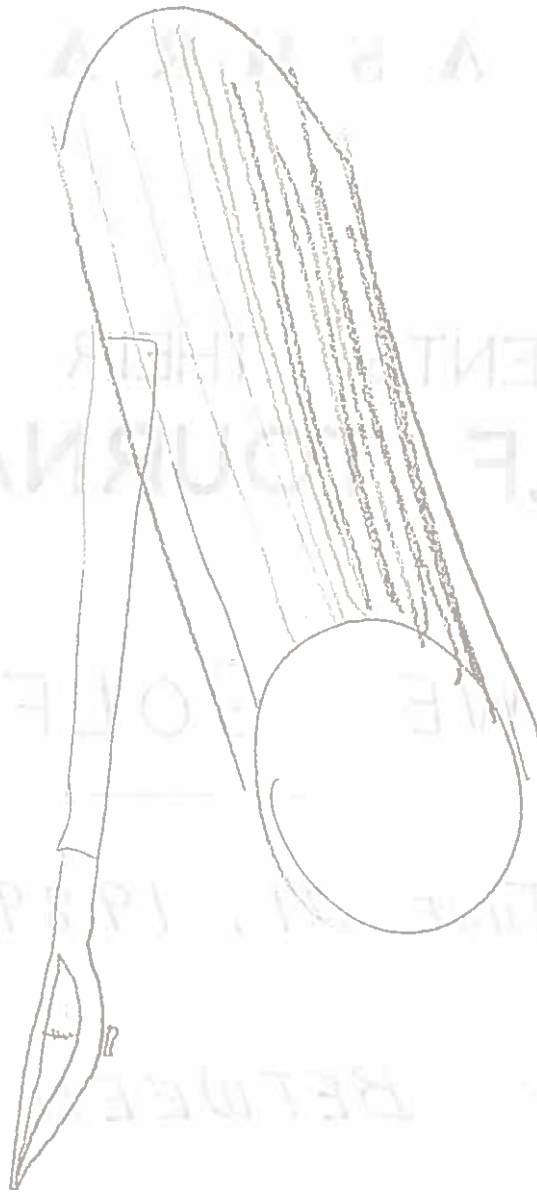
GOLF & DINNER _____ \$35.00 DINNER ONLY _____ \$18.00

RESERVATIONS ~ CALL ~ 471-9382

SOME GOLF CARTS STILL AVAILABLE ~ CALL FANSHAWE
(455-2770)

THIS YEAR'S TOURNAMENT SPONSORED BY: NORM CLARKE

~ TRANE SALES AGENCY ~



ANNUAL PRESENT THIRD GOLF TOURNAMENT

FANSHAW GOLF CLUB

SEP 21, 1959

9:11 AM

TOOK NOTES

CASH

GOLF

MEMBER

MEMBERS ONLY

CALL - 471-2323

MEMBER (471-2323)

MEMBER

ROBERT J. MORRIS, P.Eng.,
1452 Upper James St.
Hamilton, Ontario.
Canada. L9B 1K3

May 3rd, 1989

Mr. Charles Clemance,

This is your last chance to do your homework before the August 22, 1989 CRC in Moncton!!!

Attached is the worksheet for the CRC. You should have the areas in yellow completed before leaving home.

Also attached is a proposal for your consideration. Please study it, discuss it and come to a consensus with your chapter officers.

TIP

Review your list of chapter Past Presidents for likely candidates for nominations.

Yours truly,

RJM/lm
encl.

Robert J. Morris
Nominating Committee

cc: Norm Johnson
Dalton McIntyre
Vice Chairmen

P.S. If you are not going to be the delegate for your chapter, please forward this material to the designated person.
Thanks.

NOTE: Pages referenced are in your manual for Chapter Operations.

WORKSHEET FOR 1989 CRC

Recommendations for Society Year

Instructions: The Nominating Committee Member, as Chairman of the CRC Executive Session, submits the recommendations contained in Parts 1, 2, 3, and 4 to Executive Director/Secretary, ASHRAE, 1791 Tullie Circle, NE, Atlanta, GA 30329 within 30 days of the CRC. Copies of Parts 2, 3, 4, 5, and 6 must be sent to the Regional Chairman.

- Note:** 1) List all candidates in order of preference
 2) If there is no current biographical form on file at Society headquarters for a candidate, submit one with this worksheet.

1. OFFICERS AND BOARD OF DIRECTORS

	*Current or Nominee (SY <u>89-90</u>)	CRC Recommendations for Next Slate (SY _____)
President-Elect	<u>Damon Gowing</u>	_____ _____ _____ _____ _____ _____ _____ _____ _____ 1. _____ 2. _____ 3. _____
Treasurer	<u>Donald Rich</u>	
Vice President	<u>George Buckler</u>	
Vice President	<u>Richard Charles</u>	
Vice President	<u>Neil Paterson</u>	
Vice President	<u>Richard Hayter</u>	
Director-at-Large	<u>Julius Olsen</u>	
Director-at-Large	_____	
Director-at-Large	_____	
Regional Chairman (if appropriate, supply 3 candidates & state order of preference)	<u>Norm Johnson</u>	
	See Page 37	

Submitted by: _____

Member, Nominating Committee

Date

*Fall CRCs list current officers and directors, and Spring CRCs list those nominated for election at the upcoming Annual Meeting.

See Pages 141 and 142

2. SOCIETY COMMITTEES*

(Recommendations to Society President-Elect)

- ABET Participation
- Charter & Bylaws
- Finance
- Government Affairs
- Handbook
- Historical
- Honors & Awards
- Int'l Activities
- Journal
- Long Range Planning
- Meetings & Expositions

Research & Technical**
 Society Program
 Special Publications
 Standards**

*Candidates should have indicated willingness to serve on committees before recommendation by CRC.
 **Elected by Board of Directors at Winter Meeting in January.

3. NOMINATING COMMITTEE See Page 38

Note: Nominating Committee Members and Alternates must be full Members of the Society for a minimum of five years at the time of selection, must be selected at least one year in advance of taking office, and may serve no more than six years total on the Nominating Committee.

Member	Current	**Upcoming	Elected
	<u>Bob Morris</u>		
Alternate	<u>Dalton McIntyre</u>		

*Chairs CRC Executive Session.

**Not Applicable to Full CRCs.

4. REGIONAL VICE-CHAIRMEN—Grass Roots Committees See Pages 37 and 38

Note: Select three in each category, if possible.

Candidates for Regional Vice Chairmen must be full Member grade of the Society for at least three years at the time of nomination.

	Current	First	Second	Third
Ed. & Chap. Prog.	<u>Darryl K. Boyce</u>			
Energy & Tech. Aff.	<u>Jean-Guy Lahaie</u>			
Mem. Promotion	<u>M. Gerard Doyle</u>			
Research Promo.	<u>Bill Chadwick</u>			
Refrigeration	<u>Philip Landray</u>			

Please forward these names to the Regional Chairman who will make recommendations to President-Elect who will make the appointments.

5. RECOMMENDATIONS FOR SOCIETY HONORS AND AWARDS See Page 82

Candidates

Honorary Member
(Eminent Professional
Distinction)

Fellow
(Unusual Distinction)

F. Paul Anderson Award
(Outstanding work or
Service—one per year)

ASHRAE-ALCO Award
(Outstanding Public
Service)

Distinguished Service
Award
(Society work)

Distinguished 50 year Member

Louise & Bill Holladay
(Distinguished Fellow Award)

Andrew T. Boggs Service Award
(Continued Distinguished Service)

[Redacted area containing three horizontal lines for names]

6. REGIONAL AWARD OF MERIT (3 per year maximum)

See Page 83

Note: Include wording of citation.

1. [Redacted]
2. [Redacted]
3. [Redacted]

7. CRC GENERAL CHAIRMAN

Report names of next 3 upcoming general chairmen:

Note: This is NOT an Executive Session item. It is included on this sheet for convenience of reporting.

	NAME	HOST CHAPTER	CRC Year
1.	<u>Robin Craig</u>	<u>New Brunswick</u>	<u>1989</u>
2.	<u>Jean-Guy Lahaie</u>	<u>Montreal</u>	<u>1990</u>
3.	<u></u>	<u>Windsor</u>	<u>1991</u>
4.	<u></u>	<u></u>	<u></u>

Proposed

89-04-05

NOMINATING COMMITTEE GUIDELINES

Desirable prequalifications for society officers.

AT THE CHAPTER LEVEL -

- COMMITTEE CHAIRMAN - Member of that committee
- BOARD OF GOVERNORS - A Committee Chairman
- TREASURER - Member of the Board of Governors and the finance committee.
- SECRETARY - Treasurer and Member of the B of G
- VP or PRES. ELECT - Secretary
- PRESIDENT - VP or President Elect

AT THE REGIONAL LEVEL -

- VICE CHAIRMAN (VC) - Chapter President, or Member of the B of G and Chairman of the Committee for the particular discipline involved.
- DIRECTOR AND REGIONAL CHAIRMAN (DRC) - Vice Chairman or Director at Large

AT THE SOCIETY LEVEL -

- DIRECTOR AT LARGE (DAL) - DRC or VC or Chairman of TC or TG Committees.
- VICE PRESIDENT (VP) - DRC or DAL who has been a VC
- TREASURER - VP or DRC and Member of the Finance Committee.
- PRESIDENT ELECT - Treasurer, or VP
- PRESIDENT - President Elect.

There will always be exceptions to these guidelines the main objective of which is to ensure that the top executives of the Society are familiar with the GRASS ROOTS OPERATIONS.

Dalton M. [Signature]

ASHRAE LONDON CANADA CHAPTER

RECEPTION COMMITTEE REPORT

DATED: AUG 21/89

MEETING DATE	ATTENDANCE BY:	MEMBERS	GUESTS	STUDENTS
SEPT. , 1988				
OCT. 24 , 1988		33	0	
NOV. 28 , 1988		27	5	
JAN. 30 , 1989		28	4	
FEB. 27 , 1989		26	6	
MAR. 27 , 1989		13	2	
APR. 24 , 1989		36	33	
MAY 29 , 1989		22	6	
TOTALS:		185	56	
AVERAGES:		27	8	

PAOE Objectives:

Average YTD: 35

Attendance Factor: $A/N_a = \frac{33}{35} = 0.9428$

$\left[\frac{35}{.12 \times 100 + 18} \right]^{1/2} \times 400$

PAOE Ptd. YTD: $P_a = 400 \sqrt{A/N_a} = 388.4$

$= 160 + 50 = 210$

S.T. LOCKHART, Chmn.,
RECEPTION COMMITTEE.

RECEIVED LONDON CANADA - CHESTER

RECEPTION COMMITTEE REPORT

DATE: 10-2-54

BY NAME - SEE ATTENDANCE BY - MEMBERS

STIMENTS

QUESTS

10-1-54

10-2-54

EE

10-3-54

FA

E

10-4-54

10-5-54

10-6-54

E

V

10-7-54

10-8-54

10-9-54

10-10-54

10-11-54

10-12-54

10-13-54

10-14-54

10-15-54

10-16-54

10-17-54

10-18-54

CRC DELEGATE

Name CHARLES CLEMANCE Member # 2018186
Address P.O. Box 5757
LONDON, ONTARIO
N6A 4T1
Business Phone (519) 452-6104
Area Code and Number

CRC ALTERNATE

Name GREG JAMES Member # 0357953
Address 594 NEWBOLD STREET
LONDON, ONTARIO
N6E 2W9
Business Phone (519) 681-1221
Area Code and Number

MEMBERSHIP PROMOTION COMMITTEE CHAIRMAN

Name BILL REYNOLDS Member # 0613318
Address 847 DUNDAS STREET EAST
LONDON, ONTARIO
NSW 2Z8
Business Phone (519) 679-7770
Area Code and Number

EDUCATION AND CHAPTER PROGRAMS COMMITTEE CHAIRMAN

Name JOHN REID Member # 2052923
Address P.O. Box 5757
LONDON, ONTARIO
N6A 4T1
Business Phone (519) 452-6227
Area Code and Number

RESEARCH PROMOTION COMMITTEE CHAIRMAN

Name CHARLES CLEMANCE Member # 2018186
Address P.O. Box 5757
LONDON, ONTARIO
N6A 4T1
Business Phone (519) 452-6104
Area Code and Number

ENERGY AND TECHNICAL AFFAIRS COMMITTEE CHAIRMAN

Name PETER ZIEBART Member # 2048527
Address ONTARIO HYDRO
1075 WELLINGTON ROAD SOUTH
LONDON, ONTARIO N7S 4Z4
Business Phone (519) 681-1390
Area Code and Number

PROGRAM SUBCOMMITTEE CHAIRMAN

Name TOM DRENNAN Member # 2043737
Address 1777 OXFORD STREET EAST
LONDON, ONTARIO
N5V 2Z6
Business Phone (519) 453-9100
Area Code and Number

GOVERNMENT AFFAIRS SUBCOMMITTEE CHAIRMAN

Name _____ Member # _____
Address _____
Business Phone () _____
Area Code and Number

HISTORIAN

Name HERBERT FENNER Member # 0223695
Address P.O. Box 39
LAMBETH, ONTARIO
N0L 1S0
Business Phone (519) 652-3631
Area Code and Number

NEWSLETTER EDITOR

Name OWEN GLENDON Member # 2001689
Address 521 COLBORNE STREET
LONDON, ONTARIO
N6B 2T6
Business Phone (519) 679-8660
Area Code and Number

REFRIGERATION ("R" in ASHRAE) CHAIRMAN

Name _____ Member # _____
Address _____
Business Phone () _____
Area Code and Number

MEETING DATES FOR THE UPCOMING SOCIETY FISCAL YEAR

July	-	October	30	January	29	April	30
August	-	November	27	February	26	May	28
September	25	December	-	March	26	June	-

Regular Meeting Location HIGHLAND GOLF AND COUNTRY CLUB

HEADQUARTERS ADDRESS: ASHRAE, 1791 Tallie Circle, N.E., Atlanta, GA 30329



The benefits of taking an active part in the program are multifold: increased awareness of ASHRAE and the CFC, indoor air quality and energy efficiency issues; educating students about ASHRAE as a Society, and the heating, refrigerating and air conditioning engineering profession; and demonstrating that, as a Society, we are taking an active part in promoting engineering by informing the general public how the engineer's work affects their lives.

Ideally, local media coverage also should be a goal of the chapters. However, any activities that the chapter sponsors should be submitted to Insights for publication.

The purpose of National Engineers Week is not self-serving, that is, to call attention to ourselves just for the purpose of recognition. Rather, it is to demonstrate the engineer's dedication to improving the quality of life and that the technological advancements of today and those to come in the future will always be worth the risk.

I hope I can count on your cooperation in making our sponsorship of National Engineers Week a success on a local and chapter level.

The enclosed press kit provides background information about National Engineers Week, a publicity handbook, and National Engineers Week logos for use with newsletters or other print media.





AMERICAN SOCIETY OF HEATING, REFRIGERATING AND
AIR-CONDITIONING ENGINEERS, INC.

LONDON CANADA CHAPTER / P.O. 653 / LONDON, ONTARIO N6A 4Y4

February 13, 1989

reply to: Donald M.R. Johnson
Room 9
Services Building
University of Western Ontario

To: Mr. Charles Clemance,
President, London Canada Chapter

Re: AUDIT OF TREASURERY BOOKS FOR 86-87 AND 87-88

Dear Charles:

As per your request at the last Board of Governors meeting on January 16th, 1989, I audited the books for the treasury of 1986/1987 of Greg James and the treasury of 1987/1988 of Tom Drennan. I respond as follows:

TREASURERY OF GREG JAMES

I found Mr. James' books to be in a very neat and organized manner. All information was methodically entered. An examination of his books revealed no discrepancies or errors. All Revenue and Expenditures appeared to be in order. There were no questionable items.

TREASURERY OF TOM DRENNAN

I found Mr. Drennan's books to be the exact opposite of Mr. James. I was unable to balance his books based on what I was given. There were numerous arithmetical errors. Therefore I had to start over. I reconstructed his books based on his entries and the bank statements (attached to last page of books). All Revenue and Expenditures appeared to be in order. There were no questionable items after reconstruction of the books.

I should point out that this audit consisted of reviewing only the information given me, which consisted of last years bank statements and the books. I repeat that all expenses appeared to be in order, but I received no invoices to back up the expenses.

Yours truly,

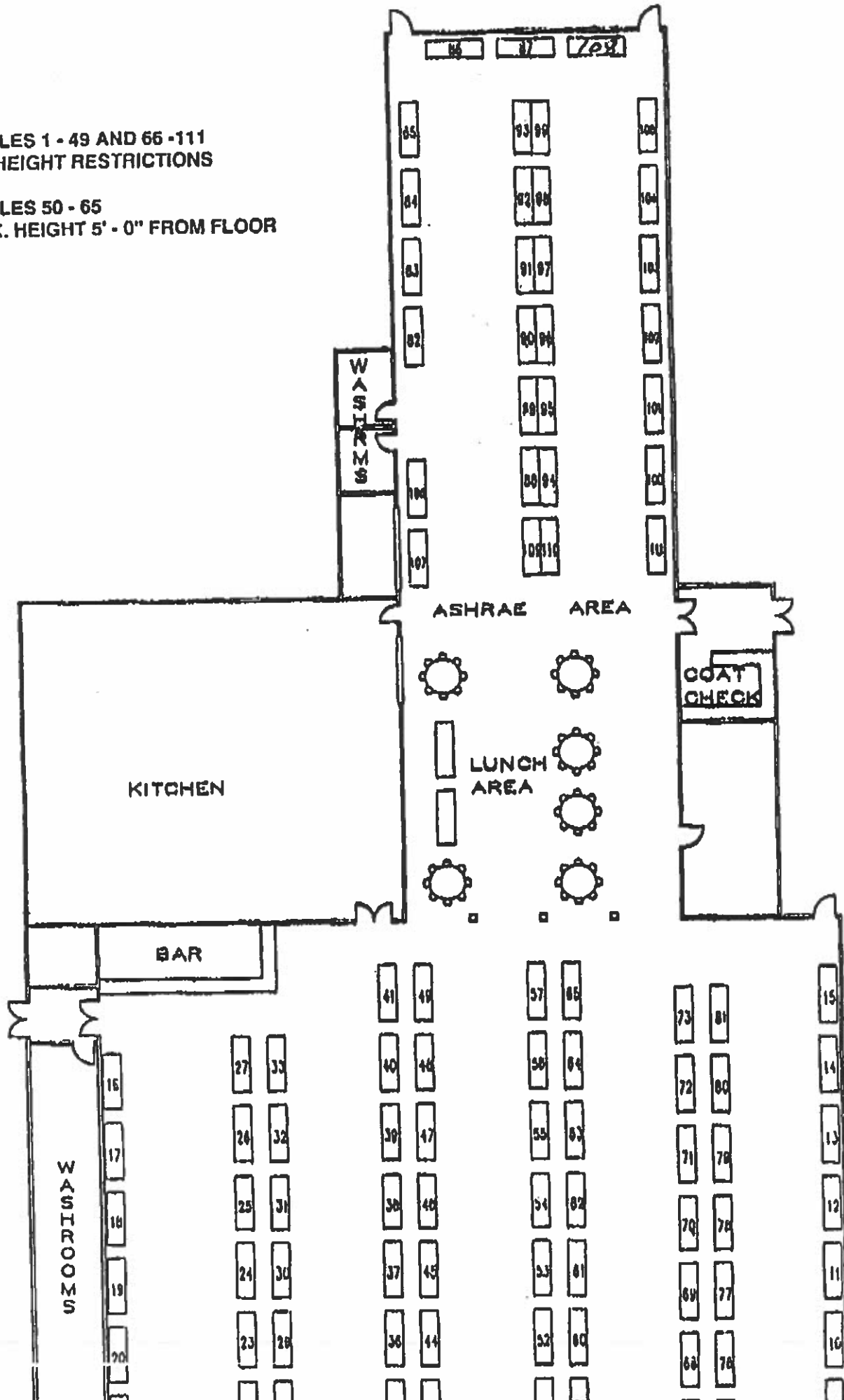

Donald M.R. Johnson,
Audit Committee Person

cc: Greg James
Tom Drennan

TRADE SHOW - FEBRUARY 22, 1989

TABLES 1 - 49 AND 66 - 111
NO HEIGHT RESTRICTIONS

TABLES 50 - 65
MAX. HEIGHT 5' - 0" FROM FLOOR



Join Your Colleagues at the 4th Annual

CONSTRUCTION TRADE SHOW '89



WEDNESDAY, FEBRUARY 22, 1989

11:00 A.M. TO 6:00 P.M.

**THE HELLENIC COMMUNITY CENTRE
179 SOUTHDALE ROAD, WEST
LONDON, ONTARIO**

Sponsored By

London & District Construction Association
London District Chapter Construction Specifications Canada
Association of Architectural Technologists
of Ontario London Chapter
and

ASHRAE London Canada Chapter

NO FRILLS

This is a basic no frills trade show which includes table top displays. The emphasis is on essential facts related to products and services not on fancy exhibits. Yet this is the biggest Manufacturers Trade Show of its kind in Southwestern Ontario. For the first time a special display of Heating, Cooling and Ventilation Products will be available.

For this fourth trade show everybody is welcome, particularly Architects, Engineers, Designers, Specification Writers, Contractors, Boards of Education, Universities & Colleges; also Federal, Provincial and Municipal Representatives.

PLAN TO ATTEND

WE WELCOME MORE THAN ONE REPRESENTATIVE FROM A COMPANY. MARK YOUR CALENDAR NOW AND PLAN TO ATTEND INDIVIDUALLY OR AS A GROUP.

LIST OF EXHIBITORS

SPACE NO.	COMPANY	SPACE NO.	COMPANY
1.	Nortec Air Conditioning Industries Ltd.	59.	Polydrain
2.	The Swun Corporation	60.	Marsh & McLennan Group Associates Limited
3.	Ontario Sky-Reach Ltd.	61.	Celfortec Inc.
4.	Fletcher Challenge Canada	62.	Graham Products Limited
5.	Draw Base by Skok System Inc.	63.	Parmaquick Asphalt Tech. Corp.
6.	Lexusco Canada Ltd.	64.	Four Seasons Greenhouses
7.	Ramsol Ltd.	65.	Watson Bowman Acme
8.	Double A/D Distributors Ltd.	66.	Acoustical Gypsum Floors
9.	Twin-Cee Limited	67.	Foran's Fence and Window Centre
10.	Dynasty Doors Inc.	68.	Panafax (Canada) Inc.
11.	Prosopex Roofing Products Inc.	69.	Hydrotech Membrane Corporation
12.	Hill (Canada) Limited	70.	3M Canada
13.	Carlisle Syntec Systems Canada	71.	Crane Canada Ltd.
14.	D M Hardware Corp.	72.	Flat Products Ltd.
15.	Balloy Metal Products Ltd.	73.	Dur-O-Wal Ltd.
16.	Ontario Hydro	74.	W.R. Meadows of Canada Ltd.
17.	Ontario Hydro	75.	Cambridge Brass
18.	Canacrylic	76.	Blit Best Windows
19.	Canacrylic	77.	Blit Best Windows
20.	Compass Flooring Ltd.	78.	Ejler Plumbing Ware
21.	Total Laminating Products	79.	Ejler Plumbing Ware
22.	Gienayro Electronics Inc.	80.	AMTICO
23.	Dow Chemical of Can Inc.	81.	AMTICO
24.	Dunlop Construction Products	82.	Barber-Colman of Canada
25.	Dura-Loc Roofing Systems Ltd.	83.	Titus Products (Div. of Philips Industries)
26.	Novatel Communications Ltd.	84.	York Air Conditioning Ltd.
27.	Fiberglas Canada Inc.	85.	B.A. Armstrong Ltd.
28.	Union Gas Limited	86.	Lochinvar Boilers
29.	Wastroc Industries Ltd.	87.	Roberts Gordon & Co.
30.	Fulton Windows	88.	E.H. Price Sales Ltd.
31.	Dontar Construction Materials Ltd.	89.	Landis & Gyr Powers Ltd.
32.	Ontario Door Controls Limited	90.	Engineered Air Div. of Airtex Industries Ltd.
33.	Ontario Door Controls Limited	91.	Dectron Sales
34.	W.R. Grace & Co. of Canada Ltd.	92.	P & S Water Industries Inc.
35.	Morvat-Durofoam Limited	93.	Temp Rite
36.	Wilsonart Brand Decorative Laminates	94.	E.H. Price Sales Ltd.
37.	Conchent, Div. Standard Industries	95.	Water Furnace Inc.
38.	Quick Draw Cadd Services	96.	Honeywell Ltd
39.	Dontar Construction Materials Ltd.		
40.	Dontar Construction Materials Ltd.		
41.	Motrola Canada Ltd		



