

1977

Winnipeg

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



UNITED ENGINEERING CENTER, 345 EAST 47th STREET
New York, N. Y. 10017 (212) 752-6800

MINUTES

OF THE TWENTIETH ANNUAL REGION II

CHAPTERS REGIONAL CONFERENCE

APRIL 20, 21, 22, 1977

HOLIDAY INN, WINNIPEG, MANITOBA

MEMBERS PRESENT: George E. Menzies, Region II Chairman, ASHRAE director

<u>CHAPTER</u>	<u>DELEGATE</u>	<u>ALTERNATE</u>
HALIFAX	Paul R. Conrad	Lloyd A. Schofield
NEW BRUNSWICK	Richard Gallant	Terry Steeves
VILLE DE QUEBEC	Rene Gingras	Paul Methot
MONTREAL	Joseph J. Paulin	Mort Slone
OTTAWA VALLEY	Jim Black	Bob McKee
ONTARIO	John Pennyfather	Edward Stumborg
HAMILTON	Carl Ljungberg	Frank Spina
LONDON CANADA	Wayne H. Barker	John J. Payne
MANITOBA	Brian Faurschou	Ed Faraci
REGINA	Ken Hamblin	Jack Scott
SASKATOON	Stan Nakrayko	Lloyd M. Colborne
SOUTHERN ALBERTA	Bill G. Herr	Cliff Marteinson
NORTHERN ALBERTA	R. Keith Stagg	G. Jim Purvis

VISITORS:

Bev. Neill	President, A.R.C. & Delegate to Society Nominating Com. 77-78
Perc Butler	Alternate to Society Nominating Com. 77-78
Clifton Morrison	Chairman, 1978 CRC Region II, London Canada & Vice-C. Education
Arthur S. Lewis	Delegate, British Columbia Chapter; Class "B" member A.R.C.
Russell A. Gonder	Region II Asst. Education Committeeman
Kirk A. Bavis	Region II Energy Conservation Committeeman
Alan Oakes	Region II Research Promotion Committeeman
Robert Morris	Region II Education Committeeman
Morris Backer	Vice-President ASHRAE
Bruno Morabito	President-Elect, ASHRAE
Herbert Sage	Region II Membership Committeeman
John H. Ross	ASHRAE Presidential Representative for Canada
Robin Sukhan	Member of Board of Governors Manitoba Chapter
Steve Whysall	Winnipeg Free Press Writer
Bob Mansell	Member, Southern Alberta Chapter
Pierre Bedard	Chairman, Energy Conservation- Montreal Chapter
Leo Howard	Chairman, Membership Committee, Manitoba Chapter

Harry Mah Chairman, Education Committee - Manitoba Chapter
2.08 Sector Committee Canadian Metric Commission - 16 committeemen from Toronto, Ottawa, Montreal, Winnipeg (Ross Dean Chairman, Murray Taylor co-chairman).

FIRST BUSINESS SESSION - Campaign Room

George E. Menzies, Region II Chairman, called the meeting to order at 9:10 a.m. and welcomed all the officers and members to the 1977 Region II Conference. Mr. Menzies then introduced Mr. Brian Faurschou, Manitoba Chapter President, to officially welcome the members and visitors. Mr. Faurschou then introduced Mr. William Easton, Chairman of the CRC Meeting Arrangements Committee to bring everyone up to date on the agenda.

Chairman Menzies then introduced the head table, Arthur S. Lewis, Vice-President B.C. Chapter, Russell A. Gonder, Asst. Education Committeeman, Kirk A. Bavis, Energy Conservation Committeeman, Alan Oakes, Research Promotion Committeeman, Morris Backer, Vice-President ASHRAE, Bruno Morabito, President-Elect ASHRAE Herbert Sage, Membership Committeeman, Bev Neill, President, A.R.C. and Tannis Harrison, Secretary.

Chairman Menzies then requested a general roll call of the chapters by the self-introduction of delegates and alternates which was accomplished.

Chairman Menzies then introduced visitors John H. Ross, Society Presidential Representative for Canada and Clifton Morrison, Vice-Chairman, Society Education Committee.

The first item of business was approval of the revised minutes from the 19th Annual Region II CRC Conference held in April 1976 at Hamilton. The said minutes were approved.

Regional Chairman's Report:

Mr. Menzies suggested that most of the items he wished to report were in his last Newsletter which contained his report to the RCC in Chicago. However, the highlight to be reported is that all chapters were visited at least once and the various Regional Awards of Merit, AOE ribbons and Membership Blue Ribbons were distributed during these Chapter visits.

Following these remarks, Chairman Menzies introduced Bruno Morabito, President-Elect, ASHRAE, to say a few words. Mr. Morabito extended his thanks to everyone and particularly the host chapter for their warm welcome and hospitality. He went on to point out the importance of the CRC meetings, giving four reasons in particular: Caucuses, Business meeting, Workshops and Technical Sessions. He went on to state that these meetings are helping to shape the future of the Society and we should be proud of the work being done up until now.

Chairman Menzies then called on Morris Backer, Vice-President, ASHRAE to give an update on the Society. Mr. Backer stated that Region II is one of 10 regions in the Society, representing some 13 of 128 chapters in the whole Society. Society now has four new student chapters as well. Their interest in our activities is vital to the success of ASHRAE. He went on to say that the CRC is your opportunity to discuss the business of your region and to offer suggested improvements in the Society. These resolutions are brought by your Regional Chairman to Society at the Region Central Committee meeting and if approved are brought forward for discussion to the full Board of Directors. He went on to say that the contributions to the Research Fund in 1976 has again increased but more is required particularly in energy conservation research. \$116,500.00 for new or extended projects and \$18,000.00 for grants-in-aid at 4 universities was approved at a recent meeting of the Board of Directors. Two solar standards have been approved 93-77 and 94-77, the first in a series of six standards addressed to be problem of saving energy. Standard 100.4 in existing buildings--residential, industrial and government buildings, is progressing, 3 or 4 should be out by June and all 6 should be completed by the end of the year. Standard 100.4 has been approved by Standards Committee and is open for review. Standard 90-75 was approved including Section 12 and has been submitted to ANSI with a view towards being adopted as an ANSI standard. Section 12 will be available from New York Headquarters soon. With reference to the Metric system, your Board of Directors decided to stay with dual units-standard and metric-until after July 1979 when the situation will be reviewed. His closing comments were that we are making this organization a viable one specifically because of its members and their valuable input.

Mr. Menzies moved onto the next agenda item -- Old Business and it appeared there was no old business so Chairman Menzies went onto the next item of business.

John H. Ross, Presidential Representative was introduced and gave his report. The first point was in connection with ASHRAE representation to other Canadian organizations. Perc Butler is our contact with Canadian Metric Commission and he will be reporting in the afternoon. Harold Gillis of Ottawa represents Ottawa in the Mechanical Contractors Association of Canada and this group has been very busy on energy conservation and specifications. A good deal of effort over the past year has been spent in attaining these draft specifications with the approval of both government and other groups concerned. This has reached the point where we can expect an announcement within the next week and the draft specifications will then be studied by both organizations. The Engineering Institute of Canada which includes the Canadian Society for Mechanical Engineering has been carrying on correspondence with me for some time with the object of closer co-operation with ASHRAE. A meeting is being arranged in Toronto next week with Dr. Steeves, the President of EIC to discuss this matter and further recommendations will be forthcoming. EIC and ACEC (Association of Consulting Engineers of Canada) recently agreed to a division of representatives in which EIC was responsible for technical matters and ACEC for those items strictly of a business nature. As a result, we do not anticipate any representation to ACEC. While it was not anticipated in the original description of this appointment as presidential representative for Canada nevertheless, assistance has been given in the case of problems arising in Canada where assistance was given to the New York office. This would include representing the President where time table conflicts would occur, substituting for ASHRAE representatives to other organizations, etc. In connection with publications, our present set-up has not proven satisfactory, and this question is to be discussed further at Halifax. There will be a continuing

effort to provide an arrangement whereby ASHRAE publications may be readily purchased in Canada. The Canadian Environmental Exhibition has again requested the co-operation of ASHRAE in their exposition show which is to be held in Toronto next April. This invitation was presented to the Exposition Policy Committee in Chicago and received its approval. The Board of Directors has also added their approval and I will look forward to co-operating with this exhibition next year.

Regional Committeeman Reports:

Membership - Herb Sage stated that we are enjoying to date a good year in membership and should end up with a 4% overall increase in membership for Region II. There has been a drastic reduction in delinquent members and almost every chapter has reported more activity in this area than in the past. More interest has been found in ASHRAE and there has been an 80% increase in student membership. He also asked that each chapter should try to clean up their delinquent list.

Energy Conservation - Kirk Bavis commented that there has been a big problem exchanging information among the chapters and the society and there should be some tool to co-ordinate the whole thing. Chapters are not talking to each other re future involvement. Kirk went on to say that the Federal Government is taking action in promoting new Standards.

Research Promotion - Alan Oakes described the technical assistance acquired by our research program which is acknowledged as a good program. Remember that our technical program is sponsored by research funding. A 20% increase is required to sponsor our Canadian research. In the past 5 years some \$125,000.00 has been invested in Region II research yet Region II has invested only \$60,000.00. The other half came from our neighbours to the south.

Assistant Education - Russ Gonder stated that the speakers list should be up-dated or upgraded. Russ suggested this subject be discussed further during his workshop.

Adjourned for coffee at 10:30.

New Business - Chapter Reports: Each chapter had been provided with a booklet containing all the chapter reports before the meeting. Each chapter delegate proceeded to give a brief outline of his written report. Some of the delegates asked questions regarding certain interesting points in these reports. Also Chairman Menzies and President-Elect Morabito questioned some of the delegates at the time they presented their reports.

Mr. Art Lewis, Vice-President of the B.C. Chapter commented on both his chapter and the other chapters in Region X. He stated that this was his first CRC meeting and he found it most interesting and informative.

Chairman Menzies adjourned the meeting for lunch at 12:10 p.m.

LUNCHEON - Manitoba Chapter Regular Monthly Meeting - Bruno Morabito delivered the Presidential Address.

At 2:00 p.m. the ARC Annual Meeting was held with Bev. C. Neill, President in the chair. The details of this meeting will be forwarded in April '78 booklet for London's CRC.

FIRST TECHNICAL SESSION: 2:15 P.M. The following workshops were held until 4:30 p.m.

Research Promotion - Alan Oakes
Publicity - Clifton Morrison
Membership - Herbert Sage

At 4:30, the Canadian Metric Commission, Sector 2.08 joined the CRC. A metric panel at the head table was formed.

Chairman Menzies introduced Ross A. Dean, Chairman, Sector Committee 2.08. He in turn introduced Murray Taylor, co-chairman; Perc Butler, Member, ASHRAE liason and Ben Wassink from the Federal Government. Mr. Dean described the plans with regard to metric conversion. They have had approximately 20 meetings of this sector. Also they have had 100 to 150 sub-committee meetings as well as innumerable telephone calls, correspondence, etc. The plans were prepared by a sub-committee for planning made up of individuals that came from industry itself. The Commission in Ottawa helped with the paper work and planning and after submitting the plans, were approved by the CMC. The plan which we will release today will be taken to the provincial and federal governments, industries, so they have a chance to comment.

Mr. Dean went through Sector 2.08 plan which was distributed to all present and commented on same. The Metric Practice Guide and Sector 2.08 flyer are available from CMC. Just write for copies. The panel then answered questions from the delegates and alternates on metric conversion. A great deal of interest was shown. In closing, Mr. Dean urged each chapter to have a speaker on metric conversion if they had not already done so.

FRIDAY, APRIL 22, 1977 An executive session took place 7:30 a.m. to 9:30 a.m.

SECOND TECHNICAL SESSION: 9:15 a.m. The CRC met at Woodsworth Building, 12th floor, Boardroom. Mr. J. John Pappain gave a lecture on Solar Collectors for Application in Swimming Pools.

At 10:00 to 11:30 am. Dr. Tom Lawand presented Solar Energy Across Canada.

11:30 to 12:00 noon a tour of the Legislative Building Solar Energy Experiment was given.

The press were present and local articles were published that night.

Meeting called to order by Chairman Menzies at 2:10 p.m. - the Third Technical Session.

The following workshops were conducted for all CRC Delegates, Alternates and guests.

Education - Bob Morris
Chapter Programming - Russ Gonder

THIRD BUSINESS SESSION: NEW BUSINESS ITEMS

Mr. Clifton Morrison, Chairman of the 1978 CRC was introduced and extended an invitation to all delegates and alternates to the '78 CRC meeting to be held in

London Canada on April 19, 20, 21, 1978. (These dates are subject to confirmation at Halifax). He gave a brief outline of the events and activities planned, particularly for the ladies.

A suggestion was made by the delegates and alternates that the business sessions at the CRC meetings be changed to Friday mornings and the technical sessions be held in the afternoon in order to make it easier for those delegates and alternates who have to check out of their hotel rooms and catch flights in the late afternoon. The suggested times were 7:30 - 10:30 for Executive session and 10:30 to 12:00 for New business with the technical session from 2:00 p.m. Any unfinished New Business could be done after lunch. Chairman Menzies said he would consider this suggestion.

Re '78 Chapter Reports Chairman Menzies asked for comments/suggestions relative to his guidelines on writing a chapter report for the CRC. After some discussion, it was concluded that this year's format would be duplicated in '78 except 40 copies of each report would have to be submitted to Chairman prior to Mar. 24, 1978 if we are to have a similar booklet mailed out in time for all those who will be attending the CRC in '78.

The Annual Information Questionnaires: They should be submitted to George Menzies before June 1st, 1977 showing meeting dates for next year. He would also like to be advised of any meeting cancellations. Any additions, deletions or changes in address, etc. should be reported as well at various times throughout the year.

The dates and times for the next CRC meetings was next on the agenda. The CRC Conference for 1979 will be held in Saskatoon, the 1980 Conference in Moncton, New Brunswick.

Northern Alberta Chapter presented a motion that due to the fact it would be their 25th anniversary, in 1981, the CRC conference be held there at that time. The motion was carried. Headquarters (S. Singleton) will be advised by Chairman Menzies of the proposed dates so that there will not be conflicts with other CRCs.

London Canada Chapter presented a motion that the assessment be raised from \$1.00 to a maximum of \$1.50 next year. The motion was carried with the proviso that the budget vs actual expenses in Winnipeg reflect the increase.

As requested by Chairman Menzies, the following new business items were dealt with first as they were submitted to him in writing prior to April 1 for inclusion in the agenda:

1. A recommendation was made by the Montreal Chapter that at least one "student day" be planned at one of the regular chapter evenings. It was suggested to have a competition and at one of the meetings, have the student winner present to receive the award. This special event would foster relationships with students. The recommendation was accepted by most chapters, and they will report at next year's CRC meeting on the success or failure of the said recommendation.
2. The Ottawa Valley Chapter wanted the procedure for selecting Regional Committee to be explained and this was done by Bruno Morabito in detail.
3. As for Regional re-organization, Bruno suggested that the Canadian Chapters may

be contained in one or two regions as there are fourteen chapters currently in Canada, but this change would not occur for six or seven years. As an interim measure, Society currently has six directors-at-large and it is quite possible this will have to be increased to assist the larger regions. The Board presently has 21 members and may go to twenty-five.

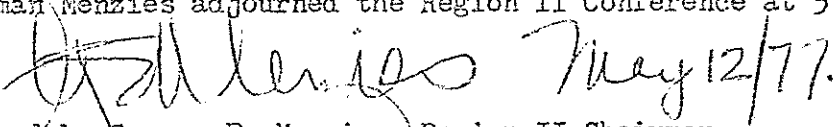
- 1977(10)
4. The London Canada Chapter made a regional ^{motion} recommendation that all Region II chapters get a permanent mail box at the postoffice and that this would be their permanent address for all inter-chapter correspondence. All chapters agreed to do this. (Only the 5 western chapters are affected.)
 5. A suggestion by the Manitoba Chapter that the Society and the Region implement plans to get each chapter actively involved in the local energy conservation programs was discussed. Kirk Bavis offered many ideas on the subject. Most chapters said they were active in this area, but there should be a better way of communicating between chapters. A speakers and subject list was suggested and Kirk offered his assistance.
 6. Southern Alberta Chapter made a recommendation that every chapter in Region II alter their by-laws to include the Society recommendation that the position of President-Elect be established in each chapter. The motion was carried.
 7. A resolution was made by the Saskatoon Chapter that an all-day technical seminar be held in each chapter city and that technical speakers be provided to visit each chapter and run one day seminars. Also Headquarters could prepare technical information, slides and possibly canned videoc tapes, which could be used as a program. A motion to "refer to committee" this complex subject was carried. (Headquarters will be asked to comment as a first step.)
 8. A motion was made by the Ontario Chapter that as far as Region II is concerned, speakers list be dropped from the manual for Chapter Operations. Carried.
 9. The Montreal Chapter made a motion to thank the host chapter for their hospitality during the past three days and the motion was carried.

The Chairman asked for any further new business items.

Only suggestion was re agenda timing.

Both President-Elect Bruno Morabito and Vice-President Morris Backer expressed pleasure in being at the Region II Conference and complimented the delegates on the way the meeting was handled.

Chairman Menzies adjourned the Region II Conference at 5:00 p.m. April 22, 1977.

 May 12/77.
Approved by George E. Menzies, Region II Chairman.

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



George E. Menzies, P. Eng.
Director & Regional Chairman II

UNITED ENGINEERING CENTER, 345 EAST 47th STREET
New York, N. Y. 10017 (212) 644-7953

77 East 45th Street
Hamilton, Ontario
CANADA
L8T 3J9
416/528-2511

April 27, 1977

To: Steve Singleton

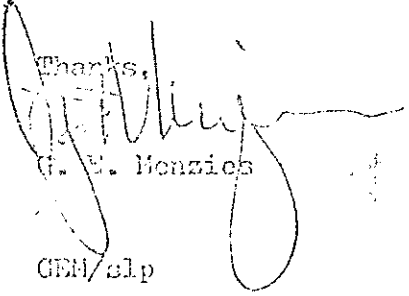
Copy to: London Canada Chapter
Saskatoon Chapter
New Brunswick Chapter
Northern Alberta Chapter

RE: Region II Spring CRC's

The following is the list of chapters, locations and dates agreed to by Delegates/Alternates at the recent CRC.

<u>YR.</u>	<u>HOST CHAPTER AND LOCATION</u>	<u>ALTERNATE CHAPTER AND LOCATION</u>	<u>PREF. DATE</u>
1978	London, Canada London, Ontario	New Brunswick Moncton, N.B.	April 19 - 21 (No conflict lists)
1979	Saskatoon Saskatoon, Sask.	Northern Alberta Edmonton, Alberta	April 25 - 27 (No conflict lists to date)
1980	New Brunswick Moncton, N.B.	Halifax Halifax, N.S.	April 23 - 25
1981	Northern Alberta Edmonton, Alberta		April 22 - 24

Please add this information to Appendix G, RCC Minutes.

Thanks,

G. E. Menzies

GEH/olp

ASHRAE CRC
FINANCIAL REPORT

19th Annual Region II Conference, April 20, 21, 22, 1977,
Winnipeg, Manitoba, Hosted By the Manitoba Chapter.

INCOME

REGISTRATIONS: Singles 22 @ \$55.00		\$1,210.00
Doubles 10 @ \$75.00		750.00
		\$1,960.00
TICKET SALES		1,333.00

CHAPTER ASSESSMENTS:

HALIFAX	\$109.00
NEW BRUNSWICK	59.00
Quebec City	75.00
MONTREAL	322.00
OTTAWA	148.00
ONTARIO (Toronto)	396.00
LONDON	58.00
HAMILTON	79.00
MANITOBA	100.00
SASKATOON	34.00
REGINA	51.00
NORTHERN ALBERTA	100.00
SOUTHERN ALBERTA	105.00


ADVANCE FROM MANITOBA CHAPTER		\$1,636.00
CONFERENCE GRANT		300.00
		100.00
		\$5,329.00

EXPENSES

Printing Tickets & Programs	\$ 286.35
Airfare Dr. Lawond	244.00
Refreshment Hospitality Room	37.40
Rooms	325.54
Flowers	71.35
Speaker	100.00
Ukranian Dancers	250.00
Gary Robertson	98.00
Hotel Dinner and Lunches	3,222.69
Ladies Lunches	225.09
Coffee Woodsworth Building	10.00
Postage	28.00
Freight (Display Case)	27.32
Secretary	100.00

BALANCE IN BANK ACCOUNT		\$5,025.65
		303.35
		\$5,329.00

SIGNED:


J.R. Hawryluk.



AMERICAN SOCIETY OF HEATING, REFRIGERATING
AND
AIR-CONDITIONING ENGINEERS

MANITOBA CHAPTER

~~XXXX WATERS CO'S EX~~
~~WINNIPEG 9, MAN.~~

MANITOBA CHAPTER, C/O 625 WALL STREET, WINNIPEG, MANITOBA

April 1976

"WINNIPEG - FRIENDLY MANITOBA"

C. R. C. REGION II - 1977 WINNIPEG, MANITOBA

AGENDA

- 3:00 PM to 9:00 PM Registration
- Wednesday - 7:00 p.m. Reception and welcome with ~~Entertainment~~ *Wine Cheese*
 9:00 p.m. Delegate and Alternate Caucus. *Coffee* *10:00*
- Thursday - 8:00 a.m. Registration.
 9:00 a.m. Open Session.
 10:00 a.m. Region II Chapter Reports. *} see Reg VII*
 12:00 p.m. Luncheon and Reception with Guest Speaker. *Bravo Manitoba*
 2:00 p.m. ~~Ashrae Workshops~~ *A.P.C. Annual Meeting*
 6:00 p.m. Dinner, Dance and Entertainment.
- Friday - 7:30 a.m. Delegate and Alternate Caucus.
 9:00 a.m. Business Session.
 12:00 p.m. Luncheon - Regular Winnipeg Chapter Meeting with open invitation to all Chapters.
 2:00 p.m. Technical Session.
 5:00 p.m. Adjournment.
- Optional getaway weekend at the Holiday Inn's Caribbean Club.

SPECIAL FEATURES FOR THE LADIES

- Thursday - 10:00 a.m. Bus trip and tour of the Winnipeg Centennial Concert Hall. The Nonsuch Luncheon at the Concert Hall.
- Friday - 12:00 p.m. Luncheon and Fashion Show.

Fri

7³⁰ - 9⁰⁰ - Executive Session Breakfast

- 9⁰⁰ AM -> 11⁰⁰ Tom Solar.

Prof. Chief Engineer

11¹⁵ - 12⁰⁰ - identify speaker content room.

12⁰⁰ - 1³⁰ - Alcohism speakers

2⁰⁰ - 2⁴⁵ Program Workshop Guss Gonder

2⁴⁵ - 3¹⁵ Chapter Agenda Items

3¹⁵ - 3³⁰ Coffee

3³⁰ - 5⁰⁰ - Resolutions

- Selection of Date & Location of Future Meeting
- Other Discussion
- Adjournment

Please contact the following 1977 C.R.C. Committee for further information:

Bill Easton - Chairman

Art Pankratz - Travel, Transportation, Registration & Accommodation Facilities

Bruce Menlove - Publicity & Public Relations

Bob Beatty - Technical

Walt Gowan - Social & Entertainment & Ladies Activities

John Hawryluk - Finance

Bernie Kromer - Secretary

Hy Dashevsky - Chapter President

COME TO FRIENDLY MANITOBA IN 1977

By: B. Menlove
Publicity & Public Relations
C.R.C. 1977

P.S. Address all enquiries to 625 Wall Street, Winnipeg, Manitoba

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HAMILTON	79.00
MANITOBA	100.00
SASKATOON	34.00
REGINA	51.00
NORTHERN ALBERTA	100.00
SOUTHERN ALBERTA	105.00
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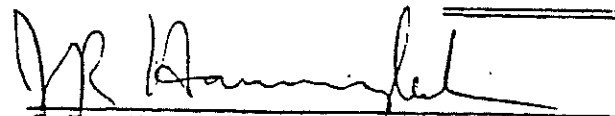
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