

1986

no awards

## GENERAL INFORMATION:

### Registration Cost for ASHRAE members

Before April 14, 1986	55.00
After April 14, 1986	65.00

which includes the following:  
separate costs:

- Thursday breakfast \$ 6.00
- Presidential Luncheon 10.00
- Thursday Dinner and Entertainment 40.00
- Friday breakfast 6.00
- Friday Greenery Meal 10.00
- Wednesday Reception 12.00

### Registration Cost for Spouses

Before April 14, 1986	45.00
After April 14, 1986	55.00

which includes the following:  
separate costs:

- Wednesday Reception \$ 12.00
- Presidential Luncheon 10.00
- Thursday Dinner and Entertainment 40.00
- Friday Greenery Meal 10.00

Forward cheque for Registration and additional tickets to:

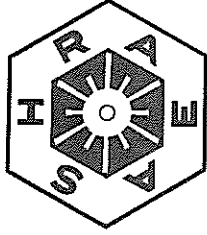
P. Bevan, CRC '86 Treasurer  
Box 7211, Ancaster Ontario L9G 3L4  
(please honour date restrictions)

For Hotel Reservations, use preprinted hotel card or call hotel directly and arrange payment.

Weekend reservations are limited.  
Early payment to hotel is essential.

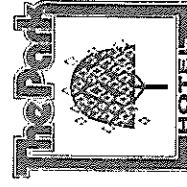


### Notes:



## AMERICAN SOCIETY of HEATING, REFRIGERATING & AIR CONDITIONING ENGINEERS REGION 2

29th Annual Chapters'  
Conference  
May 14, 15, 16, 1986  
at the



The Park Hotel, 4950 Clifton Hill, P.O. Box 60,  
Niagara Falls, Ontario, Canada L2E 6S8

Toll Free Telephone 1-800-263-7137  
Telephone (416) 358-3293 Telex 061-5278

This year's CRC is the third hosted by the  
HAMILTON CHAPTER  
May 4 to 6, 1986; April 21 to 23, 1976 & 1986

## ASHRAE SOCIETY OFFICERS

Donald R. Bahinflath President  
 Fredrick H. Kohloss President-Elect  
 Preston E. McNeil Vice-President  
 H.E. (Barney) Burroughs Vice-President  
 Louis F. Flagg Treasurer  
 Frank A. Coia Secretary  
 Robert O. McDonald Past President

## REGION 2 OFFICERS

George W. Buckler Regional Chairman  
 Society Director  
 Dennis J. Banning Vice Chairman  
 Research Promotion  
 Dalton J. McIntyre Vice Chairman  
 Education  
 Azarias Servino Vice Chairman Energy  
 Management  
 Ray G. Young Vice Chairman  
 Membership  
 George F. Carscallen Member Region 2  
 Nominating  
 Phillip B. Lavigny Alternate Region 2  
 Regional Historian  
 John Fox Regional  
 Gary Brown Regional  
 Committee -  
 Program  
 Regional  
 Committee -  
 'R' in ASHRAE

## HAMILTON CHAPTER EXECUTIVE AND BOARD OF GOVERNORS

President Ray Jacobs  
 President-Elect Joe Vassallo  
 Vice-President Cliff Schemmer  
 Secretary Brian Kingdon  
 Treasurer Gary Romagnoli  
 Education Walter Woods  
 Research Promotion Bob Morris  
 Bulletin (Airways) John Reiding  
 Communication Jack McGregor

## 1986 CRC CONFERENCE COMMITTEE

Chairman Frank Spina  
 Vice-Chairman Ray Jacobs  
 Secretary John Dick  
 Finances/Registration Peter Bevan  
 Accommodations Bob Morris  
 Transportation Jack Keon  
 Publicity George Morris  
 Entertainment Carl Ljungberg  
 Social Functions Cliff Schemmer  
 Hospitality Joe Vassallo  
 Ladies Program Gary Romagnoli

## 1986 CHAPTERS REGIONAL COMMITTEE (Region 2)

Chairman: George W. Buckler  
 Members (in) & Alternates (a) as follows:  
 Halifax in Michael F. Kerman  
 a Gary Scott  
 Hamilton in Joe Vassallo  
 a Cliff Schemmer  
 London, Canada in Donald M.R. Johnson  
 a John Kennedy  
 Montreal in Allen Hanley  
 a Elie Shama  
 New Brunswick in Stephen Tweedie  
 a David Cowan  
 Ottawa Valley in John C. Dugan  
 a Simon Jol  
 Ville de Quebec in Pierre Chapuis  
 a Serge Laquerre  
 Saguenay Lac in Martial Ouellet  
 St John a Daniel Boivin  
 Toronto in Clifford L. Thompson  
 a James D. Owens  
 Windsor in Danny A. Castellani  
 a Lou Danonin

# PROGRAM OF EVENTS

- Hospitality Room - Room 520

## Wednesday May 14, 1986

- 11:00 am to 6:00 pm  
Main Lobby  
Registration - all members & guests
- 1:00 pm to 2:00 pm  
Queen's Door  
CRC familiarization session open to all
- 2:00 pm to 3:00 pm  
Queen's Door  
Official welcome  
Introduction of guests
- 3:00 to 3:15  
Queen's Door  
Coffee
- 3:15 pm to 5:00 pm  
Queen's Door  
First Business Session  
Chapter Reports
- 5:15 pm to 6:15 pm  
Queen's Door  
Canvass - Delegates and Alternates; nominating member and Alternate
- 7:30 pm to 9:00 pm  
Guild Hall B & C  
Cocktail Reception  
Open to all; Guest Society Officers
- 9:00 pm to ?  
Queen's Door ?  
Dinner at Restaurant of your choice. See Niagara Falls Lights

## Thursday May 15, 1986

- 7:00 am to 8:30 am  
Greenway Restaurant  
Breakfast - Use coupon or cash
- 8:00 am to 8:30 pm  
Main Lobby  
Registration
- 8:30 am to 10:00 am  
Queen's Door  
Vice-Chairman, Reports Chapter Resolutions etc.
- 10:00 am to 10:15 am  
Queen's Door  
Coffee
- 10:15 am to 12:00  
Queen's Door  
Society Reports and other business
- 12:00 to 12:20 pm  
Guild Hall B & C  
Cash bar
- 12:20 pm to 2:15 pm  
Guild Hall B & C  
Presidential Luncheon  
Presentation of Awards  
All members and guests
- 2:15 pm to 3:00 pm  
Queen's Door  
Executive Session - Only Chapter Delegates and Alternates plus Nominating member and Alternate
- 3:00 pm to 5:00 pm  
Queen's Door  
Chapter Operational Workshop - All Chapter members and Alternates

Visit with Friends

Cash Bar

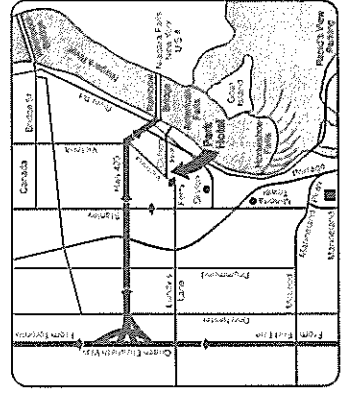
Entertainment  
Harpoon Company

- 5:00 pm to 6:30 pm  
Queen's Door
- 6:30 pm to 7:30 pm  
Guild Hall (A)
- 9:00 pm to 11:00 pm  
Queen's Door

## Friday May 16, 1986

- 7:00 am to 8:30 am  
Greenway Restaurant  
Breakfast - Use coupon or cash
- 8:00 am to 9:00 am  
Queen's Door  
Annual Meeting - ASHRAE Research Canada  
Delegate from each chapter
- 9:00 am to 1:00 pm  
Cach Room  
Bush Room  
Fratstaff Suite  
Queen's Door  
Room 520  
WORKSHOPS  
- Education  
- Membership  
- Research Promotion  
- Energy  
- R in ASHRAE
- 1:00 am to 2:30 pm  
Greenway Room  
Luncheon - Use Voucher
- 2:30 pm to 4:00 pm  
Queen's Door  
Technical Session - Private  
Tour Sir Adam Back Power Generation Plant
- 4:00 pm to 5:00 pm  
Queen's Door  
Supper  
Adjournment

## Niagara Falls, Canada



# SPOUSES' ACTIVITIES

## Wednesday May 14, 1986

- 11:00 am to 6:00 pm  
Lobby  
Registration and Hospitality Suite Room 520
- 2:00 pm to 3:00 pm  
Queen's Door  
Official Welcome
- 7:30 pm to 9:00 pm  
Guild Hall B & C  
Cocktail Reception

## Thursday May 15, 1986

- 8:30 am to 9:30 am  
Hospitality Suite - Coffee and pastries  
Niagara Parks Green House Tour
- 10:00 am to 12:00  
Double Decker Bus  
Presidential Luncheon  
Presentation of Awards
- 12:00 to 2:30 pm  
Guild Hall B & C  
Niagara Falls Tour
- 2:30 pm to 5:00 pm  
D.D. Bus  
Cocktail Reception
- 6:30 pm to 7:30 pm  
Guild Hall (A)  
Banquet Dinner  
Entertainment
- 7:30 pm to 11:00 pm  
Guild Hall (A)  
Hospitality Suite Room 520  
Coffee & pastries  
Tour Beautiful Niagara Parkway, Winery, Historic Niagara - On-Cite - Lake

## Friday May 16, 1986

- 7:30 am to 9:30 am  
9:30 am to 2:30 pm  
2:30 pm to 4:00 pm  
Friday & Saturday  
Tour Power Generating Plant  
Enjoy Victoria Weekend at the Holywood Capital

# PROGRAMME D'ACTIVITÉS

## Mercredi, 14 Mai 1986

11h à 15h entrée	Inscription membres et invités
15h à 17h Queen's Door	CRC session d'orientation pour tous
17h à 18h15 Queen's Door	Cérémonie de bienvenue pour tous
18h à 19h15 Queen's Door	Pause café
19h15 à 21h Queen's Door	Deuxième réunion d'affaires Rapports des chapitres
21h à 23h Queen's Door	Caucus Délégués et suppléants; membres et suppléants du comité de nomination
19h30 à 21h Guild Hall	Cocktail de bienvenue pour tous
21h à ?	Dîner libre à un restaurant de votre choix; Observer les chaises illuminées

## Jeudi, 15 Mai 1986

7h à 8h30 Restaurant Greenery	Dejeûner; Utiliser coupon d'argent
8h à 10h entrée	Inscription
8h30 à 10h Queen's Door	Rapport des vice- présidents régionaux résolutions du chapitre pour tous
10h à 10h15	Pause café
10h15 à 12h Queen's Door	Rapport de la société Affaires nouvelles
12h à 12h20 Guild Hall 6	Apéritifs
12h20 à 14h15 Guild Hall 6 & C	Dejeûner au président et Fred H. Kallides Délégués et invités
14h15 à 15h Queen's Door	Session de l'exécitif Délégués et suppléants

# PROGRAMME POUR LES ÉPOUSES

## Mercredi, 14 Mai 1986

11h à 15h entrée	Inscription Suite d'accueil ~ Salon 520
14h à 15h Queen's Door	Cérémonie de bienvenue

19h30 à 21h Guild Hall	Cocktail de bienvenue
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## Jeudi, 15 Mai 1986

8h30 à 9h30 Salon 520	Suite d'accueil Café et pâtisseries
10h à 12h autobus à mercure	Observer les chutes

12h à 14h30 Guild Hall 6 & C	Déjeuner du président Remise des prix
14h30 à 17h autobus	tour privé

18h30 à 19h00 Guild Hall A	Apéritifs
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19h30 à 21h Guild Hall A	Soirée spéciale au jeudi soir
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21h à 23h	Spectacle de la compagnie Harpson
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## Vendredi, 16 Mai 1986

7h30 à 9h30 Salon 520	Suite d'accueil Café et pâtisseries
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9h30 à 11h30 autobus	Visite de la ville et déjeuner
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11h30 à 16h	Tour Sir Adam Beck
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## Les 16, 17, 18 Mai

Joinissez du weekend de La fête de La Reine à Niagara.

10h à 17h	Ateliers pratiques du fonctionnement des chapitres. Pour délégués et suppléants et observateurs
17h à 18h30	soirée hospitalité
18h30 à 19h30 Guild Hall A	Apéritifs
19h30 à 21h Guild Hall A	Banquet
21h à 23h	Spectacle de la compagnie Harpison

## Vendredi, 16 Mai 1985

7h à 8h30 Restaurant Greenery	Dejeûner Utiliser coupon d'argent
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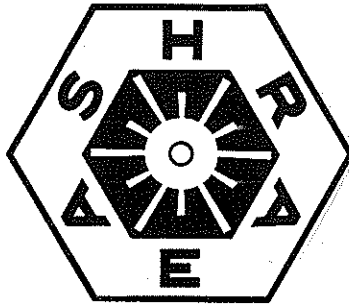
8h à 9h Queen's Door	Rencontre annuelle ASHRAE Research Canada Délégué de chaque chapitre
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9h à 15h Coch Room Business Room Falsafé Suite Queen's Door Salon 520	Ateliers ~ Éducation ~ Recrutement ~ Pronotion de Recherche ~ Energie ~ R d'ASHRAE
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10h à 14h30	Dejeûner ~ Utiliser coupon
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14h30 à 16h autobus à mercure	Séance d'étude technique pour tous Tour privé de la centrale électrique Sir Adam Beck
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16h à 17h Queen's Door	Récapitulation et adieux pour tous
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MINUTES

29TH ANNUAL REGION 2

CHAPTERS REGIONAL CONFERENCE

MAY 14th, 15th, 16th

1986

PARK MOTOR HOTEL

NIAGARA FALLS, ONTARIO

hosted by the Hamilton Chapter (037)

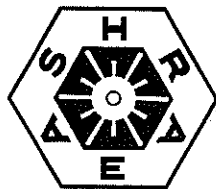
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CHAPTERS REGIONAL CONFERENCE

May 14th, 15th, 16th

1986

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REGION 2, 29th Annual Chapters Regional Conference  
May 14, 1986

Appendix 1

First Business Session:  
3:15 p.m.

The first business session was called to order by Chairman G.W. Buckler. He welcomed all delegates and alternates, special Society dignitaries and guests.

Mr. Buckler outlined the regional chairman's responsibilities which go far beyond just controlling the conduct here. He also participates in other activities in Society, belongs to other committees and sub-committees.

At this time, he appointed the host chapter - Hamilton Chapter's secretary, John Tuck as CRC secretary. On motion duly made and seconded, the delegates endorsed this recommendation.

The Chairman introduced the minutes of last year's CRC. It was moved by Cliff Thompson of Toronto, seconded by Fred Krumreich of Montreal that the 1985 Region 2 minutes be approved. Motion Carried.

Chairman Buckler described to those present the scope of Region 2, i.e. comprises of 10 chapters from Nova Scotia to Windsor, Ontario. During the past year regional communication was done through a series of newsletters, telephone calls, chapter visits, both by the Regional Chairman and his Vice-Chairmen.

Chairman Buckler then called upon the delegate from each chapter to highlight their chapter's activities for the past year.

Windsor - Dan Castellan

Their objective was to involve more chapter members in local activities, but they were having difficulties. They also wanted to improve communication with the assigned members but were having a problem. They found that a good technical meeting also brings good attendance. They are currently meeting at different locations across the city.

London - Don Johnson

Chapter meetings are well attended, averaging 42 of 51 members. Their best program was a tour of the University of Western Ontario's cogeneration plant. Their biggest problem was the lack of membership participation in committee work.

Hamilton - Joe Vassallo

This chapter is positive in most areas but there was some strain on the local chapter because of the CRC conference. This year had a good technical program which attracted good attendance. The biggest problem is the reluctance of members to get involved in chapter operations.

Toronto - Cliff Thompson

Membership increased 10 to 20%. Seminar and chapter programs were a success - all in the black and well attended. The chapter was involved in energy management awards. The biggest problem was membership - Society delinquents.



page two.....

Ottawa - John Dugan

The chapter had 3 objectives - increase membership, create programs of interest and have a successful PBS seminar. Attendance at meetings up 15%. This increase is necessitating a change in location. The PBS seminar had 60 participants. Ottawa is very proud of this.

Montreal - Fred Krumreich

All committees are functioning well. Chapter should make PAOE. Three basic problems however, membership chairman Domenic Duranci resigned (relocated) administrative secretary changed midstream and their printer is going bankrupt and did not mail newsletter.

Ville De Quebec - Pierre Chaput

Attendance strong, average 37 per meeting. There were 80 participants in their symposium. They should achieve PAOE.

Second Business Session, May 15, 1986 8:30 a.m.

Halifax - Michael Kerman

*Appendix 2*

They had good technical programs this year. The PBS seminar was well attended with 31 people. They are trying to start a Newfoundland chapter but are finding it difficult, as know one will commit themselves. Membership is strong from student members, however, there is a high number of Society delinquents.

New Brunswick - Dave Cowan

Their biggest step forward was made by the membership committee. Next year they will charter their first student branch. The meeting location has hurt attendance.

Saguenay, Lac St. Jean - Martial Ouellet

Preparation is underway for next year's CRC. Their low PAOE is due to their own negligence - being a new chapter. They are having difficulty communicating with the other chapters and regional vice-chairman. The meeting attendance is good. They have poor communication with student membership.

Chairman Buckler thanked the chapters for their thorough written and verbal reports. He then called upon his Vice-Chairmen to summarize their regional activities.

Membership - Ray Young

Membership growth is strong. Society projects 132 new members, but there is actually 168. However, there are 165 delinquents. He stated there must be better communication between chapters - if you find something that works, share it; if you find a pitfall warn others.

"R" in ASHRAE - Morton Slone

When ASHRAE merged in 1959 refrigeration section was neglected. But, with the new mandate, the meaning has been restored. Objectives are now being achieved. At this time, Region 2 is top in its Society obligations.

page three.....

Research Promotion - Dennis Banning

Over \$30,000.00 has been raised of the \$50,000.00 target. The workshop held in Montreal in November 1985 was well attended and enthusiastic. The theme of the '86 campaign is "get organized and have fun".

Energy Management = Azarias Servant

There is a general problem of the lack of communication. Region 2 PAOE points have increased. There are 10 energy award entries.

Chairman Buckler introduced the Society Vice-President, Barney Burroughs. He provided many examples of how to make your ASHRAE task easier. He elaborated on the two annual meetings of the Society-Hawaii in June '85 and San Francisco in Jan. 86. He pointed out that the technical papers presented are available to each chapter and can be used as good resource material. He stated ASHRAE is currently 52,800 members. He encouraged spouses to become members thereby receiving insurance and other medical benefits - group coverage costs less. Student activities are growing. Think of them as an asset and use them as workers in joint projects.

Carolyn Stewart from Headquarters was introduced. She is the new Director of Member and Chapter Services. She outlined the Headquarters' operation with its 77 staff members. Headquarters is divided into 4 departments - standards, research, publications and communications, members and chapter services. Each has their own objectives. She is always available for suggestions.

Paul Conrad, Director-at-Large for the Society reviewed the impact of good attendance at CRCs. Full chapter participation at the business sessions and workshops assists each chapter in fulfilling its obligations.

Meeting adjourned at 12:00 p.m. for Presidential Luncheon. At 2:00 p.m., the CRC moved into executive session.

At 3:00 p.m. Chairman Buckler re-convened the second business session to debate the proposed chapter resolutions.

Resolution 1 - moved by Cliff Thompson and seconded by John Dugan

"That Rule of the Board 200-003-001 "Retiree Grade" membership fee be included on Society dues invoice starting with year 1987/88."

Carried.

Resolution 2 - moved by Cliff Thompson and seconded by Pierre Chaput

"That the point score for the Regional Award of Merit be enlarged to include CRC Secretary - 1 point per meeting, CRC Treasurer - 1 point per meeting"

Carried.

Resolution 3 - moved by Cliff Thompson and seconded by Joe Vassallo

"That the point score for Regional Award of Merit for Regional "R" in ASHRAE be increased from 1/2 point to 1 point."

Carried.

Resolution 4 - moved by Cliff Thompson and moved by Joe Vassallo

"That the point score for the Regional Award of Merit be enlarged to include the following General Chairman of a summer or winter Society meeting - 2 points, Chairman of a committee for a summer or winter Society meeting - 1 point."

Carried.

Resolution 5 - moved by Joe Vassallo and seconded by Dave Cowan

"That Society adopt a policy of annually adjusting Society dues to reflect annual inflationary increases rather than have large increases many years apart."

Defeated.

Resolution 6 - moved by Joe Vassallo and seconded by Cliff Thompson

"That the Region 2 Chairman assemble and distribute to the delegates to a Region 2 CRC all motions passed at Region 2 CRCs' since 1978 which were designated as regional motions."

Defeated.

Resolution 7 - moved by Joe Vassallo and seconded by Dave Cowan

"That each year Region 2 Host Committee submit a complete financial statement as required by the Society Manual within 90 days of completion of the CRC. This statement shall provide all the information as shown in Appendix 1-A in the Manual for Conducting a CRC."

Carried.

Resolution 8 - moved by Donald Johnson and seconded by John Dugan

"That the chapter membership levy, for support of CRC be invoiced by the host chapter by December 31 for payment not later than 30 days prior to the start of the CRC with a 10% penalty for non-payment by that date."

Carried.

Resolution 9 - moved by Joe Vassallo and seconded by Cliff Thompson

"That Headquarters distribute annually to each chapter crack and peel ASHRAE logos in various sizes." Motion withdrawn as Carolyn Stewart advised that they are available upon request.

Resolution 10 - moved by Fred Krumreich and seconded by Pierre Chaput

"That along with the Student application we would like to have the "Careers in HVAC and R" also translated into French and printed as a promotional tool for recruiting new student members."

Carried.

There being no more resolutions, John Kenney, delegate London Canada Chapter, introduced the topic of spring versus fall CRC. After considerable discussion, a show of hands showed that 13 preferred the spring CRC and 5 the fall CRC.

At 6:30 p.m. the second business session was adjourned.

Friday, May 16, 1986 7:30 a.m. ASHRAE Research Canada

President George Menzies conducted the annual general meeting, ARC. Minutes are attached.

Third Business Session May 16, 1986 8:20 a.m.

Chairman Buckler reviewed the topic of the Society collecting chapter dues, and asked for discussion.

President-Elect Kohloss outlined in detail the new parameters for his PAOE points for 1986-87 Society year. There will be an increase from 2,100 to 2,400. There will be no capping.

*Appendix 3*

page five.....

Society Vice-President B. Burroughs discussed the pros and cons of fall CRCs versus spring CRCs. He asked the chapters to give careful consideration before deliberating on any change.

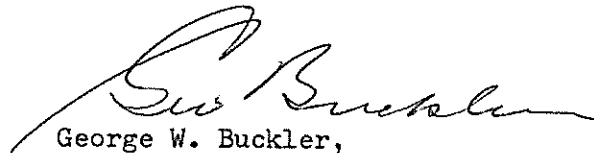
Carolyn Stewart, Director of Membership Services remarked that this was her first CRC and was a most enjoyable and informative one.

Paul Conrad, Director-at-Large expressed his pleasure at being part of the CRC. He remarked about the good participation and large attendance.

A sincere vote of thanks was extended by all to the CRC Host Chairman, Frank Spina and his committee and the Hamilton Chapter for an exceptionally well planned and executed CRC.

Prior to adjournment, Chairman Buckler reviewed the purpose and location for the five concurrent workshops. He also pointed out the private special technical tour of The Sir Adam Beck Power Plant which would commence at 2:30 p.m. via the double-decker bus.

On motion duly made and seconded, meeting was adjourned at 10:30 a.m.

 860527  
George W. Buckler,  
Director and Regional Chairman 2

Queen's Door Room  
3:15 - 5:00 p.m.  
May 14, 1986

First Business Session

ATTENDANCE

<u>NAME</u>	<u>POSITION</u>
Frank Spina	CRC Chairman
Danny Castellan	Windsor - Delegate
Norm Wilson	Windsor - Alternate
Donald Johnson	London - Delegate
John Kenney	London - Alternate
Joe Vassallo	Hamilton - Delegate
Cliff Schemmer	Hamilton - Alternate
John Dugan	Ottawa - Delegate
Simon Jol	Ottawa - Alternate
Pierre Chaput	Quebec - Delegate
Robert Marcotte	Quebec - Alternate
Jim Ovens	Toronto - Alternate
C. L. Thompson	Toronto - Delegate
Elie Shama	Montreal - Alternate
Fred Krumreich	Montreal - Delegate
Dave Cowan	New Brunswick - Delegate
Irwin MacDonald	New Brunswick - Alternate
Michael Kerman	Halifax - Delegate
Andre Beaulieu	Quebec - President
Frank Pelisek	Windsor - Research Chairman
C. Hales	Windsor - Observer
Rob Craig	New Brunswick - President
Phil Landray	Toronto - Nominating (Alt.)
Gerard Doyle	Halifax
Keith Murfin	Ottawa - Membership Chairman
John Tuck	Hamilton - CRC Secretary

Queen's Door Room  
 8:30 - 12:00  
 May 15, 1986  
 Second Business Session

ATTENDANCE

<u>NAME</u>	<u>POSITION</u>
Ian Ross	Alternate - Halifax
Michael Kerman	Delegate - Halifax
Irwin MacDonald	Alternate - New Brunswick
Dave Cowan	Delegate - New Brunswick
Fred Krumreich	Delegate - Montreal
Elie Shama	Alternate - Montreal
Daniel Boivin	Alternate - Saguenay-Lac-St-Jean
Martial Ouellet	Delegate - Saguenay-Lac-St-Jean
Cliff Thompson	Delegate - Toronto
Jim Ovens	Alternate - Toronto
Ray Young	V/C Membership Region II
Morton Slone	"R" in ASHRAE Region II
Dalton McIntyre	V/C Education
Dennis Banning	V/C Research
Azarias Servant	V/C Energy
Chris Hales	Observer - Windsor
George Carscallen	Nom. Comm. Mbr.
Laurie Conrad	Research-Promotion - Halifax
Ray Jacobs	President - Hamilton
John Fox	Reg. Historian - Toronto
Andre Beaulieu	President - Quebec
Rob Craig	President - New Brunswick
Dieter Heins	Member - Toronto
Dennis Kiselbach	Region XI - B.C. Chapter
Keith Murfin	Membership Chairman - Ottawa Valley
Frank Pelisek	Research Chairman - Windsor
Gerard Doyle	Halifax
Robert Marcotte	Alternate - Quebec
Pierre Chaput	Delegate - Quebec
Simon Jol	Alternate - Ottawa Valley
John Dugan	Delegate - Ottawa
Cliff Schemmer	Alternate - Hamilton
Joe Vassallo	Delegate - Hamilton
John Kenney	Alternate - London
Donald Johnson	Delegate - London
Norm Wilson	Alternate - Windsor (V/C Ed.)
Danny A. Castellan	Delegate - Windsor (Pres.)
Carolyn Stewart	Dir. of Member & Chapter Services - Socie
Barney Burroughs	V.P. Society - Atl. Chapter
Fred Kohloss	Society Pres. Elect - Hawaii Chapter
George Buckler	Director & Regional Chairman
Paul Conrad	Dir. at Large - Halifax Chapter
Frank Spina	CRC Chairman
J. Tuck	CRC Secretary

Queens' Door Room,  
8:20 - 10:30 a.m.  
May 16, 1986  
Third Business Session

Appendix 3

ATTENDANCE

NAME	POSITION
G. W. Buckler	CRC Chairman - Society Director
Paul R. Conrad	Society Director-at-Large - Halifax
Ian Ross	Alternate - Halifax
Michael Kerman	Delegate - Halifax
Irwin MacDonald	Alternate, Moncton
Norm Wilson	Alternate, Windsor
Dave Cowan	Delegate - Moncton
Fred Krumreich	Delegate-- Montreal
Elie Shama	Alternate - Montreal
Martial Ouellet	Delegate - Saguenay Lac St. Jean
Cliff Thompson	Delegate - Toronto
Jim Ovens	Alternate - Toronto
Robert Marcotte	Alternate - Quebec
Pierre Chaput	Delegate - Quebec
Simon Jol	Alternate - Ottawa Valley
John Dugan	Delegate - Ottawa Valley
Cliff Schemmer	Alternate - Hamilton
Joe Vassallo	Delegate - Hamilton
Donald Johnson	Delegate - London
John Kenney	Alternate - London
Danny A. Castellan	Delegate - Windsor
Carolyn Stewart	Headquarters - staff
Barney Burroughs	Society Vice-President
Fred Kohloss	Society President-Elect
Dave Potter	R.P. Chairman - Moncton
Francois L'Anglais	Chairman GAC Canada - Ville De Quebec
G.E. Menzies	Hamilton Chapter Historian
Mort Slone	Vice-Chairman "R" in ASHRAE
Ray Young	Vice-Chairman - Membership Region 2
Dalton McIntyre	Vice-Chairman - Education
Dennis Banning	Vice-Chairman - Research Promotion

ASHRAE RESEARCH CANADA (ARC)

FIFTEENTH ANNUAL GENERAL MEETING OF THE MEMBERS

Minutes of the Fifteenth Annual General Meeting of the members of ASHRAE Research Canada held at the Park Hotel in Niagara Falls, Ontario on the 16th day of May, 1986 at 07:30 hours.

Mr. George E. Menzies took the chair and Mr. Dennis J. Banning, Secretary-Treasurer recorded the minutes.

The Notice of Meeting issued April 30, 1986 was read and ordered inserted in the Minute Book immediately preceding the entry of the Minutes of the present meeting.

With the Notice of Meeting having been distributed to all the Members of the Corporation ten (10) days prior, the Chairman declared the Meeting properly constituted.

There were 17 members of the Corporation present including three (3) proxy, which exceeds the five (5) members needed for a quorum (78% attendance).

The Minutes of the last Annual General Meeting (Fourteenth) held on May 10, 1985 were read and approved.

The Chairman submitted to the Meeting the Financial Statements for the fiscal year ended June 30th, 1985 and the Auditor's Report thereon. A further report with a financial review back to incorporation was distributed and reviewed. A review of the current financial picture and contractual obligations was then made.

The Secretary then read the said Financial Statements and Auditor's report and on motion duly made and seconded, it was unanimously RESOLVED:

THAT the Financial Statements for the Fiscal Year ended June 30th, 1985, and the Auditor's Report thereon as submitted and read to this Meeting, be and the same are hereby approved and adopted.

The Chairman stated that the Meeting was open for the appointment of Auditors. On motion duly made and seconded, it was unanimously RESOLVED:

THAT Messrs. Pannel, Kerr, Forster Chartered Accountants be and they are hereby appointed Auditors of the Corporation until the close of the next Annual General Meeting and until their successors are elected, on such terms and conditions as to their remuneration as shall be determined from time to time by the Directors.



Fifteenth Annual General Meeting of the Members

The Chairman then presented the Directors' Report covering the period May, 1985 to May, 1986. On motion duly made and seconded, it was unanimously RESOLVED:

THAT all acts, proceedings, contracts, appointments, elections, payments and By-laws, done, instituted, made and enacted by the Directors and Officers of the Corporation since the date of the last Annual General Meeting of the Members, as the same are set out or referred to in the Minutes of the Meetings of the Directors or in the Financial Statements submitted to this Meeting, be and the same are hereby approved, ratified and confirmed.

The Chairman asked if all those present understood Section 37.1 of the Federal Tax Return i.e. Companies and those individuals carrying on business in Canada and NOT individual employees, can claim their contribution to ARC under Section 37.1 of the Income Tax Act, i.e. an investment in Canadian research.

The Chairman asked those present to review the list distributed with the Notice of Meeting of Canadian institutions who are listed as potential bidders for ASHRAE research contracts, in particular the contact listed at each institution. Please contact Bill Seaton at Headquarters if this contact is incorrect.

At this time the Chairman referred to the Affiliation Agreement which was distributed earlier in the Conference. After discussion and on motion duly made and seconded, it was unanimously RESOLVED:

THAT the Affiliation Agreement as presented be approved in whole and that the President of ARC and the President of ASHRAE endorse the document.

The Chairman stated that it was in order to proceed with the election of Class A Members and Directors for the ensuing year and asked for nominations. It was noted that the Society President-Elect, Fred Kohloss recommended the following persons be nominated:

Mr. D.D. Kiselbach  
Mr. P.R. Conrad  
Mr. K.D. Michie  
Mr. J.Y. Park  
Mr. G.W. Buckler

There being no other nominations, the Chairman declared the list of Nominations closed and directed the Secretary to cast a single ballot of the Meeting for the election of the persons nominated. Such ballot having been cast, the Chairman declared the persons nominated to be duly elected as Class A Members and Directors of the Corporation until the next Annual General Meeting and until their successors are elected.

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Fifteenth Annual General Meeting of the Members

The Chairman stated that it is in order to proceed with the election of the Officers for the ensuing year and asked for nominations. The following persons were nominated:

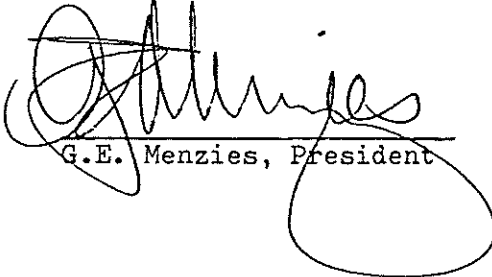
For President: Mr. Dennis D. Kiselbach  
For Vice-President: Mr. Paul R. Conrad

There being no other nominations, the Chairman declared the list of nominations closed and directed the Secretary to cast a single ballot of the Meeting for the election of the persons nominated. Such ballot having been cast, the Chairman declared the persons nominated to the duly elected Officers of the Corporation until the next Annual General Meeting and until their successors are elected.

The Chairman declared the Meeting open for new business. There being none, the Chairman reviewed the situation concerning the location for the next Annual General Meeting which would normally be held at the 1987 Region 11 CRC. However, its location is on U.S. soil. This matter will be referred to legal counsel for advice.

The next regularly scheduled Class A Directors' Meeting will be held Sunday, June 22, 1986 at 07:00 hours at the Red Lion Inn, Portland, Oregon to discuss Canadian research activities and topics pertinent to ARC. President Kiselbach will chair this meeting. The Meeting is open to all ASHRAE members and will have several invited guests from Headquarters and other ASHRAE Committees. The winter Directors' Meeting will be held in New York City in January, 1987.

There being no further business to transact, the Meeting was terminated upon motion duly made.

  
G.E. Menzies, President



*Aug 18/86*

*Attn: Geo Buckler*

*Your Copy as promised  
J.R. Nandor*

August 12th, 1986

1986 CRC AUDITOR'S REPORT

We have examined the attached CRC '86' committee treasurer's financial report and all the necessary substantiating documents and statements. Our examination was made in what we considered to be generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, this financial statement presents fairly the finances of the committee.

Since this report finalizes the financial activities of the committee, we recommend that the report should not be released to Society until the approximately \$1,000.00 outstanding accounts receivable is settled.

We noted that the payment of the Regional Chairman's hotel expenses was not authorized by the committee. Since it was authorized to be paid from Hamilton Chapter General Accounts we merely note its incorrect location on the records.

Audit Committee:

*[Signature]*  
R. C. Jacobs

*[Signature]*  
Carl Ljungberg

*[Signature]*  
R. J. Morris

CRC '86 COMMITTEE

FINANCIAL REPORT

RECEIPTS

FULL REGISTRATION - MEMBERS 64	3,758.29	
- SPOUSES 35	1,622.62	
		5,380.91
PARTIAL REGISTRATION - RECEPTION	24.00	
THURSDAY BREAKFAST	6.00	
PRESIDENT'S LUNCHEON	70.00	
DINNER/ENTERTAINMENT	975.00	
FRIDAY BREAKFAST	30.00	
FRIDAY LUNCH	60.00	
		1,165.00
ASSESSMENTS - VILLE DE QUEBEC	577.50	
NEW BRUNSWICK	270.00	
TORONTO	1,200.00	
LONDON	188.50	
OTTAWA	555.00	
MONTREAL	1,215.00	
HAMILTON	412.50	
WINDSOR	161.25	
		4,579.75
SPONSORS -		
COFFEE BREAKS - JOE VASSALLO	60.00	
HOSPITALITY ROOM-JOHNSON CONTROLS	150.00	
		210.00
ADVANCES - ASHRAE HAMILTON CHAPTER	3,000.00	
(SOCIETY) " " "	2,053.83	
		5,053.83
REFUND - WINE		5.00
SPONSORS - RHEEM - LADIES WINE TOUR	100.00	
		<u>16,494.49</u>

HOTEL ACCOMMODATION

May 14 - 48 rooms/suites  
 May 15 - 68 rooms/suites

DISBURSEMENTS

CHEQUE N <sup>o</sup>	ACCOUNT NAME	DETAILS	
	PARK HOTEL	DEPOSIT (HAMILTON)	200.00
1	PARK HOTEL	EXECUTIVE DINNER	85.00
2	ACME HARPOON CO.	ADVANCE	750.00
3	SUZY MENZIES	ARTWORK	200.00
4	SUZY MENZIES	QUESTIONNAIRE	46.92
5	DAVID RASMUSSEN	BADGES	19.42
6	CANADIAN SPEEDRITE	PHOTOCOPIES	75.40
7	JACK KEON	ADVANCE ON WINE	70.00
8	ACME HARPOON CO.	BALANCE OF PAYMENT	1,000.00
9	REFUNDS (ERRORS)	VILLE DE QUEBEC	303.75
10	"	SONSENG (J.W.ENGLISH)	62.00
11	"	DIETER HEINS	55.00
12	"	DALTON J. McINTYRE	10.00
13	"	CLIFF SCHEMMER	84.00
14	HILLEBRAND ESTATES WINE TOUR	REFRESHMENTS	63.00
15	DOUBLE DECK TOURS	2 DAYS @ 250	500.00
16	THE GREAT CANADIAN SIGN COMPANY		107.00
17	G. E. MENZIES	PHOTOS	76.18
18	W GARY ROMAGNOLI	HOSPITALITY RM SUPPL'S.	56.20
19	G. W. BUCKLER	HOTEL EXPENSES	215.79 *
20	NIAGARA PLBG. SUPPLIES	STENOGRAPHIC SERV.	200.34
21	HOCO LIMITED (PARK HOTEL)	<u>SEE ATTACHED</u>	5,543.74
22	G. W. BUCKLER	V.I.P. GIFTS	27.25
23	ASHRAE HAMILTON CHAPTER	- REPAYMENT	3,000.00
24	FRANK SPINA	CRC EXEC.MTG.EXPENSES	304.75
25	CARL LJUNGBERG - ACME HARPOON,	ULTRASTAGE ETC	903.33
26	GAIL MENZIES - STENOGRAPHIC SERVICES		25.00
27	MCC POWERS (OTTAWA) JILL DUGAN	NO SHOW REFUND	45.00
28	MERIT MECH.(HALIFAX)GARY BROWN	NO SHOW REFUND	100.00
29	SOUTH <sup>n</sup> MECH.(WINDSOR)L.PANONTIN	" " "	55.00
30	PETER BEVAN LIMITED	CRC '86 COMM.TREASURER EXP	251.67
31	ASHRAE HAMILTON CHAPTER	- SPONSORS'DONATIONS	810.00
32	ASHRAE HAMILTON CHAPTER	- CRC EXPENSES	1,857.64
			<u>17,103.38</u>