Board of Governors

President	Dan Castellan Lou Panontin Wm. Colborne	966-6750 969-1722 253-4232
Past President	Chris Hales	258-8004
	Paul Mastronardi Jerry Lavender	966-6100

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CRC Action	Mark Benedet	966-4633
Membership		
Energy Management	Wm. Colbourne	253-4232
Education	Norm Wilson	253-4232
Research Promotion	Art Avian	966-2250
Program Committee	Dan Castellan	966-6750
Reception Committee	John Naccarato	966-2250
Publicity Committee	Frank Pelisek	969-7557
Attendance Committee		969-7557
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Technical	Jerry Lavender	252-8051
Auditing	Gerry Chevalier	948-3130
Nominating	Ken Barkley	254-1661

Past President

Frank Pelisek 1983 - 1984

Region II Executive

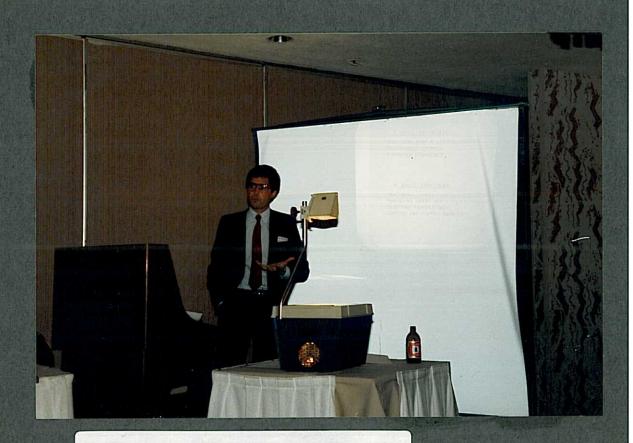
Chair	rman	 	Mr	T	Alain
		 	LIL -	H.	MIGIE
Arce	Chairman	 Membership	Mr.	R.	Young
Vice	Chairman	 Education	Mr.	D.	McIntyre
Vice	Chairman	 Research	Mr.	D.	Banning
Vice	Chairman	 Energy Management	Mr.	G.	Rheault
Vice	Chairman	 "R" in ASHRAE	Mr.	M.	Slone



L. TO R. L. PANONTIN, J. OLIVIERI,
M. BENEDET, D. CASTELLAN,
WM. COLBORNE

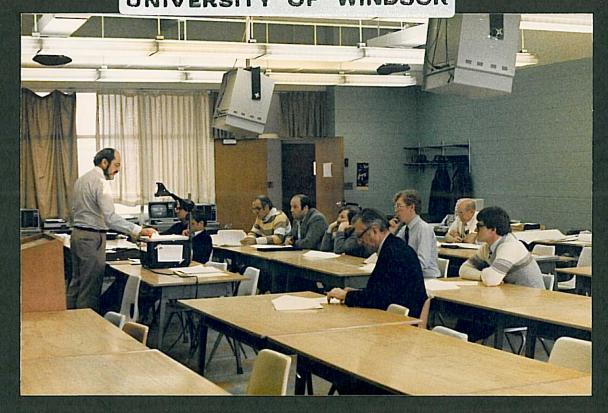


L. TO R. W. COLBORNE (W), L.ALGIE (REG.2), M. BENEDET (W), G. JAMES (JOHNSON CONT.), D. CASTELLAN (W) MEETING NO. 3 OCT. 23/84 "LATEST DEVELOPMENTS IN ENERGY MANAGEMENT"



GREG JAMES - JOHNSON CONTROLS
MEETING NO. 2 OCT. 23/84 "LATEST
DEVELOPMENTS TO ENERGY MANAGEMENT"

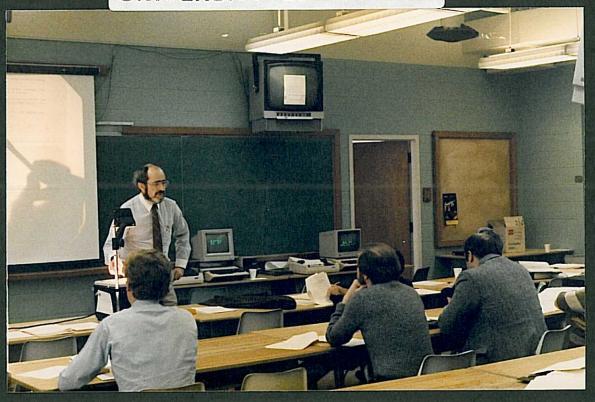
C.I.R.A. TUTORIAL





C.I.R.A. TUTORIAL

UNIVERSITY OF WINDSOR

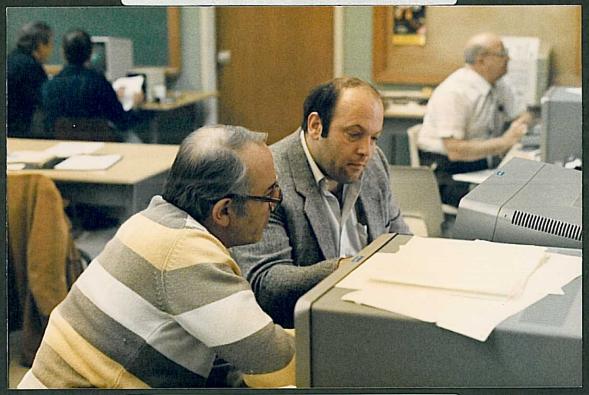


DR. NORM WILSON

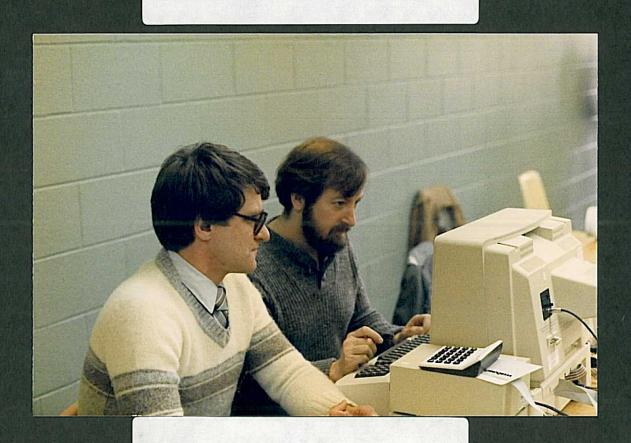


KEN BARKLEY NEL DARIO

C.I.R.A. TUTORIAL UNIVERSITY OF WINDSOR



LOU PANONTIN DAN CASTELLAN



SILVIO CORRENTE DAVE MAY



VOLUME NO. 2 NO. 1 * * * * * SEPTEMBER MEETING * * * HOLIDAY INN - TRIANON V ROOM 480 RIVERSIDE DRIVE WEST WINDSOR, ONTARIO SEPTEMBER 18, 1984 FELLOWSHIP 5:30 PM DINNER 6:30 PM, COST \$13.00 CASHBAR BREAK 7:40 PM * * * * * * PROGRAM * * * TOPIC: Latest research results on Statification in Industrial Buildings Mr. Joseph Olivieri, professor of Architecture and Engineering from

Lawrence Tech Institute in Detroit Michigan will be our speaker on this evening. This being our first meeting of a new year of ASHRAE, it would be a great opportunity to bring out a guest,

* * * * * * * * CHAPTER EXECUTIVES 1984-85 * * * * *

President - Mark Benedet President elect - Dan Castellan Secretary - Lou Panontin Treasurer - Bill Colborne

* * * * * * * * COMMITTEE REPORTS * *

Membership Committee Chairman - Chris Hales

The membership committee and Board of Governors wish to congratulate the following new members on their admission into society:

John G. Jamieson - Associate Member George B. Prociw - Member Roy J. Koljivral - Associate Member

The Windsor Chapter membership form is enclosed in this months mailing and it is imperative that it be completed and returned as soon as

Friday November 23, 1984 we will sponsor a dinner/theatre night including a 7 course gourmet dinner for 2 at the Orient Express and 2 tickets to see the Windsor Light Opera's production of "Brigadoon" at the Cleary Auditorium.



VOLUME NO. 2

NO. 3

Ladies Night Reminder

A reminder for all those attending ladies night.

Time:

Friday Night November 23, 1984

Dinner:

Orient Express Restaurant corner Pitt & Ferry St.

Cash Bar:

5:30 P.M. to 6:30 P.M. 6:30 P.M. to 7:30 P.M.

Theater:

Cleary Auditorium Featuring "Brigadoon"

* NOVEMBER 16, 1984 * *

Curtain: 8:15 p.m.

The Program Committee would like to thank Mr. Greg James of Johnson Controls for his talk on "Latest Developments in Energy Management". Our technical display also from Johnson Controls presented by Ken Thompson was most appreciated.

We would also like to thank Mr. Lloyd Algie, our Chairman for Region II, for attending our last meeting. In addition his technical display on Heat and Thermal Storage was most welcome.

Our annual membership night will be held on Tuesday, December 18 at the Beachgrove Golf and Country Club and will be in lieu of a business meeting.

It is our intent to make this an annual event at which all professionals (engineers, designers, contractors, suppliers and owners) in the H.V.A.C. industry, can gather to wish each other seasons greetings and best wishes for the new year. It is also an excellent opportunity to introduce non-members to the advantages of membership in A.S.H.R.A.E.

To this end, we are planning an "open house" type evening with a bar, hors d'ouvres table, display of A.S.H.R.A.E. literature, a video tape of president Bob McDonald's 1984 "theme" speech and finally a demonstration of rooftop variable air volume air conditioning systems by Carrier. We encourage everyone to attend and ask that each member make an earnest effort to bring a non-member guest. This is our one opportunity each year to attract new members into our Society so we urge each of you to attend.

We have received many requests for a change of meeting location, many members seem to be tired of the bill of fair at the Holiday Inn. We welcome any and all suggestions as to possible alternate locations, keep in mind any facility suggested <u>must</u> have a private meeting room. Please direct your comments to either Frank Pelisek or Dan Castellan.



VOLUME NO. 2

NO. 4

Beachgrove Golf & Country Club

14134 Riverside Drive East

Windsor, Ontario

Tuesday, December 18, 1984

SOCIAL HOUR: 5:00 - 7:30

December Membership Meeting

Tuesday, December 18 we are holding an "open house" at the Beachgrove Golf and Country Club, as we previously announced we will feature a bar, hors d'ouvres table, a display of literature and a video tape of Society president Bob McDonald. It will be a short evening with no formal meeting. Again, we strongly urge everyone to bring a non-member guest and introduce him to the benefits of membership in A.S.H.R.A.E.

During the month of November The American Institute of Architects held a "Building Redesign and Energy Challenges Seminar" at the Boston Park Plaza Hotel in Boston, Massachusetts. Windsor Chapter Member Jerald Lavender of Airwaso Ltd. conducted a Field Measurement and Energy Conservation Workshop Seminar in the Data Collection portion of the Technical Session. It's good to see our members actively involved in Energy Conservation.

We have received many requests for a change of meeting location as mentioned in our last news letter. We are still welcoming all suggestions as to a possible alternate location(s). Keep in mind any facility suggested must have a private meeting room. Please direct your comments to either Frank Pelisek or Dan Castellan.

The Board of Governors would like to wish all members a happy and safe holiday season.



VOLUME NO. 2	NO. 5
* * * * * * * * * * * * * * JANUARY MEETING * * * * *	
Red Sail Restaurant 3838 Walker Road Windsor, Ontario	
Tuesday, January 22, 1985	
	st \$13.00 Cash Bar n Members \$18.00
PLEASE CALL LORI LABELLE FOR RESERVATIONS AT 969-755	57
* * * * * * * * * * * * * * * * * * *	* * * * * * * * *
Mr. Vyron Ydreos, P. Eng. will be our guest speaker His presentation will include a 45 minute slide presentation of The Fuel for Vehicles in the Future". presentation will include the following:	contation on
a) incentive programs b) Natural Gas for vehicles competitive position in c) the advantages of natural gas as a transportation d) economics of conversation e) the different vehicle conversion equipment and fu f) developments we expect in the future.	ı fuel
Energy savings and low fuel costs in transportation concern these days, making this a most informative e program committee is looking forward to seeing you i	woning Mha
	* * * * * * * * *
Herman Palmer of Carrier Ontario Distributors will p display corner this month. He will be on hand at the meeting and during the break to assist you and answe	dianlass bacass 11
CUT ALONG DOTTED LINE	
Residential Energy Anaylsis Seminar Norm Wilson and Bill Colborne have suggested that a the University on the use of the program, "Computeri Residential Audit" (CIRA) might be of interest to the membership. This program does a monthly energy analy buildings followed by a complete economic analysis of options. The seminar would likely be run on a Saturd April and would cover the engineering background to hands-on running of the program. A nominal charge wo cover costs. This notice is intended to get some feet the level of interest. Additional information can all from either Norm or Bill. It should also be noted the computer experience is not required.	zed, Instrumented, e ASHRAA sis of residential f many retrofit ay in March or CIRA along with a uld be made to dback regarding
Yes: I would be interested in this seminar	
No: I am not interested in this seminar	В.
Signed:	
Return to Bill Colborne or Norm Wilson at the January	y dinner meeting.



VOLUME NO. 2

Caboto Club 2175 Parent Avenue at Tecumseh Rd. E. Windsor, Ontario

Tuesday, February 19, 1985

PLEASE CALL LORI LABELLE FOR RESERVATIONS AT 969-7557

"A Refresher Course in Basic Fan Fundamentals"

Mr. Val Fasken, P. Eng. Chief Engineer of Canadian Blower/Canada Pumps Ltd. will be this month's guest speaker. Mr. Fasken's talk will include fan performance definitions, operating characteristics, and a review of the fan laws. It will be of great benefit to everyone associated with the design, installation and operation of air moving equipment. This presentation will be of value to our student members and therefore we encourage their attendance.

The program committee would like to thank Mr. Vyron Ydreos for his talk on "The Fuel for Vehicles in the Future". The talk generated a lot of discussion after his presentation, which proved to be of great interest to many. The Red Sail also provided an excellent accommodation, as was expressed by many.

This month Mr. Lew Benvenuto of Lake Side Controls will present our technical display. He will be on hand at the display before the meeting and during the break to assist you and answer your questions.

Last month's display by Mr. Herman Palmer of Carrier Ontario Distributors was most appreciated. The board would like to thank Herman for his efforts.

* * * * * * * * RESIDENTIAL ENERGY ANALYSIS SEMINAR * * * * * * * *

This seminar will run on Saturday March 30, 1985 from 9:30 AM to about 4:00 PM in the Essex Hall, University of Windsor. The sessions will be run with two groups of eight persons to a group or a total of sixteen persons.

The registration fee is \$25.00 payable to, "ASHRAE Windsor Chapter" and mailed to W.G. Colborne, Department of Mechanical Engineering, University of Windsor, Windsor N9B 3P4. This fee includes hand-out material about CIRA as well as lunch at noon.

The first sixteen persons whose cheques we receive, will be officially registered and the hand-out material will be mailed to you. Preference will be given to those persons who indicated their interest initially. This material will allow you to prepare some of the input if you wish to run your own house on CIRA.



VOLUME NO. 2

* MARCH MEETING * * *

NO. 7

Red Sail Restaurant 3838 Walker Road Windsor, Ontario

Tuesday, March 19, 1985

FELLOWSHIP 5:30 PM DINNER 6:30 PM Cost \$13.00 Cash Bar BREAK 7:40 PM Non Members \$18.00 PROGRAM 8:00 PM

PLEASE CALL LORI LABELLE FOR RESERVATIONS AT 969-7557

Mr. Joe Ouellette and Miss Mary Ann Kosnik of Acrolab will be this month's guest speakers. Their talk will include the topic:

'Heat Pipe Performance and Research'

In addition to our program Acrolab will also be presenting a table top display this month. Mr. Eric Mainwaring will be on hand at the display to assist you and answer your questions.

The program committee would like to thank Mr. Val Fasken of Canadian Blower/Canada Pumps Ltd. for his refresher course in Basic Fan Fundamentals.

A special thanks and a job well done should be noted to Len Benvenuto Representative for Fisher Controls for his presentation at the table top display.

Also a thank you to our students from the University of Windsor for coming out and we hope to see you at future meetings.

* * * * * * * * * RESIDENTIAL ENERGY ANALYSIS SEMINAR * * * * * * *

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The first sixteen persons whose cheques we receive, will be officially registered and the hand-out material will be mailed to you. Preference will be given to those persons who indicated their interest initially. This material will allow you to prepare some of the input if you wish to run your own house on CIRA.

March 21 through 23 at Devonshire mall in Windsor will feature Engineering Week. This year's theme is:

'Building a Better World' Various engineering companies including ASHRAE Windsor Chapter will have a display in the mall. Come take a look!



VOLUME NO. 2

NO. 8

* * * * MARCH MEETING * * *

HOLIDAY INN - CHAMPAGNE ROOM (4TH FLOOR)
480 RIVERSIDE DRIVE WEST
WINDSOR, ONTARIO

TUESDAY, APRIL 23, 1985

Mr. R.J. (Bob) Tamblyn has very kindly consented to fly to Windsor from Montreal to speak at our April meeting. For those that may not know Bob Tamblyn, he was President and now Chairman of Engineering Interface Ltd. a Toronto consulting firm, specializing in Energy Management. He is an active member of ASHRAE and was made a Fellow of ASHRAE in 1953. He has served on various ASHRAE committees including the Research and Technical Committee of which he was Chairman in 1980-81. He is an authority on Thermal Storage with many publications on this topic, as recently as the one in the Jan. 1985 ASHRAE Journal entitled, "Control Concepts for Thermal Storage". His topic for our April meeting is, "Toward Zero Energy for Buildings". We are looking for a record turnout to hear this most interesting speaker and well-known ASHRAE member.

This month Mr. Jack Lynn of L.K. Metal Products will present our technical display. He will have Electronic Air Cleaners as a showcase and will be on hand at the display before the meeting and during the break to assist you and answer your questions.

The program committee would like to thank Mr. Eric Mainwaring and Miss Mary-Anne Kosnik, from Acrolab for the presentation on Heat Pipe Performance and Research.

The technical display of temperature, humidity and pressure reading devices was interesting and beneficial to all attendees.

The Executive, Board of Governors and Members wish to welcome the following new members to ASHRAE:

Gregory Black - Member Alexander Harris - Associate Member Mary-Anne Kosnik - Associate Member

Many thanks to Professors Colborne and Wilson for organizing and presenting the residential computer audit seminar on March 30. It was well appreciated by those members who attended including the excellent luncheon. We look forward to a similar commercial seminar in the future.



VOLUME NO. 2

NO. 9

HOLIDAY INN - CAPTAINS ROOM (GROUND FLOOR)
480 RIVERSIDE DRIVE WEST
WINDSOR, ONTARIO

* * * * MAY MEETING * * * * *

TUESDAY, MAY 21, 1985

FELLOWSHIP 5:30 PM

PROGRAM 8:10 PM

PLEASE CALL LORI LABELLE FOR RESERVATIONS AT 969-7557

Mr. Doug Moore of Jet Ice will be this month's guest speaker. His topic for the evening will include a slide presentation on:

"The Energy Savings in the Arena Ice Industry"

He will share with us his involvement in the making of Arena Ice. Also included in this talk will be ice painting techniques. Mr. Moore is from Toronto and is affiliated with the making of ice at the Maple Leaf Gardens. He will be on hand to answer questions of your interest upon completion of his presentation.

The program committee would like to thank Mr. R.J. (Bob) Tamblyn Chairman of Engineering Interface Ltd. His topic on "Toward Zero Energy for Building" was well attended. A thank you goes out to Jack Lynn of L.K. Metal Products for his technical display featuring the Electronic Air Cleaner.

The Executive, Board of Governors and Members wish to welcome the following new members to ASHRAE:

Mohsen Sepasi - Associate Member David McCormick - member

The following names are the slate of officers for the 1985-86 Windsor Chapter of ASHRAE Board of Governors:

Executive: President - Dan Castellan

President Elect - Lou Panontin

Secretary - Chris Hales Treasurer - Wm. Colborne

Past President - Mark Benedet

Board of Governors: Art Avian

Jerry Lavender Paul Mastronardi

Nel Dario



ASHRAE

WINDSOR, ONTARIO

Membership Roster 1984-85

WINDSOR ONTARIO CHAPTER

MAILING ADDRESS

1400 Windsor Ave.

Windsor, Ontario N8X-3L9

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President	Mark Benedet	966-4633
President Elect	Dan Castellan	966-6750
Secretary	Lou Panontin	969-1722
Treasurer		
Past President	Frank Pelisek	969-7557
	Chris Hales	258-8004
	Art Avian	
	Paul Mastronardi	
	Jerry Lavender	

Committee Chairmen

nedet	966-4633
ales	258-8004
bourne	253-4232
lson	253-4232
an	966-2250
tellan	966-6750
ccarato	966-2250
elisek	969-7557
	969-7557
Huizen	258-8004
io	258-8004
ellan	966-6750
avender	252-8051
nevalier	948-3130
cley	254-1661
	ales

Past President

Frank Pelisek 1983 - 1984

Region II Executive

Chai	rman	 	Mr.	L.	Algie
Vice	Chairman	 Membership	Mr.	R.	Young
Vice	Chairman	 Education	Mr.	D.	McIntvre
Vice	Chairman	 Research	Mr.	D.	Banning
Vice	Chairman	 Energy Management	Mr.	G.	Rheault
Vice	Chairman	 "R" in ASHRAE	Mr	м	Slone

Membership Roster

Mr. Arthur Avian LaFontaine, Cowie, Buratto and Associates 3260 Devon Dr., Windsor, NBX 4L4 966-2250
Mr. Ken Barkley Metropolitan General Hospital 2664 Rivard Ave., Windsor, N8T 2H5
Mr. Mark Benedet Haller Mechanical 2155 Continental Ave., Windsor, N9E 3P2 966-4633
Mr. Levi Bjorkman Jeff Kearn Ltd. 756 Partington, Windsor, N9B 2N6
Mr. Ronald Brintnell Union Gas Ltd. 50 Keil Dr., Chatham, N7M 5Ml
Mr. Danny Castellan Glos Associates Ltd. 845 Elliott St. E., Windsor, N9A 3S8
Mr. Jerry Chevalier Chevalier Engineering 2490 Tecumseh Rd. E., Windsor, N8W 1E7
Mr. William Colborne University of Windsor Mechanical Engineering Dept., Windsor, N9B 3P4 253-4232
Mr. Silvio Corrente Wilson, Dario & Associates 1420 Moy Avenue, Windsor, N8X 4S8
Mr. Nello Dario Wilson, Dario & Associates 1400 Windsor Ave., Windsor, N8X 3L9
Mr. Mike Driscoll Ensite Ltd. 2950 Metcalfe, Windsor, N9A 4M4
Mr. Greg Dufour E & B Air Conditioning Box 70, Leamington, N8H 3Wl

	Mr. Pierre Dumouchel Union Gas Ltd
Щ	50 Keil Dr. N., Chatham, N7M 5Ml
_	Mr. Kirk Flowers CO-Ray-Vac
	241 Applewood Rd., Kingsville, N9Y 3P3 733-3340
700	Mr. Larry Fodor Ideal Heating & Cooling 3210 Everts, Windsor, N9E 2V8
Ц	Mr. David Gaisinsky Valdez Engineering Ltd. 3168 Church St., Windsor, N9E 1V1
	Mr. Christopher Hales Wilson, Dario & Associates 1400 Windsor Ave., Windsor, NBX 3L9
	Mr. Alexander Harris Bryant Heating & Cooling Co. Ltd. 3839 Walker Rd., Windsor, N8N 3Tl
	Mr. William Helton W.D. Helton Conslt. P.O. Box 7129, Windsor, N9C 3Z1
	Mr. Richard Hussey Wilson, Dario & Associates 1400 Windsor Ave., Windsor, N8X 3L9
	Mr. Jim Ironside Canada Blower/Canada Pumps Ltd. 242-A Indian Road, Suite 2065-B, Sarnia, N7T 3W4 344-1940
	Mr. Daniel Jones Union Gas Ltd.
	50 Keil Dr. N., Chatham, N7M 5Ml
	Airwaso Ltd. R.R. #1, Cottam, NOR 1B0
	Mr. John Kenney Engineered Air 809 Dundas St. E. , London, N5W 5P6
	Mr. Stanley Kupisz Valdez Engineering Ltd.
	2397 Walker Rd., Windsor, N8W 3P7 254-2551
	Mr. Sinclair LaForet Engineer 4270 Mt. Carmel Dr., Windsor,

Mr. R. Jerald Lavender	
Airwaso Ltd. 1918 Wyandotte St. E., Windsor, NBY 1E4	252-8051
Mr. Henry Lee Oriental Commerce Ltd.	
4271 Riverside Dr. E., Windsor, N8Y 1B6	945-6854
Mr. Jack Lynn L-K Metal Products Co. Ltd. P.O. Box 1180, Windsor, N9A 6Rl	256-1861
Mr. Paul Mastronardi Vollmer & Associates 3055 Lauzon Rd., Windsor, N8T 2Z7	948-6024
Mr. David May	
LaFontaine, Cowie, Buratto and Associates 1533 Dufferin, Windsor, N8X 3K6	258-8178
Mr. Edward Mazur	
Smith, Hinchman & Grylls 2860 Avondale, Windsor, N9E 1X2	969-9354
Mr. Thomas McDonald	
University of Windsor 845 Cabana Rd. E., Windsor, N9G 1A8	966-2617
Mr. John Naccarato	
LaFontaine, Cowie, Burratto & Associates 5899 Oxley, Windsor, N9H lN6	966-2685
Mr. Herman Palmer	
Carrier Ontario 885 Foster Ave., Windsor, N8X 4W3	969-3424
Mr. Louis Panontin	
Southern Mechanical Contractors 3321 Academy Dr., Windsor, N9E 2H7	966-1611
Mr. Frank Pelisek	
Pelisek & Associates Inc. 875 Foster Street, Windsor, N8X 4W3	969-7557
Mr. Frank Pietras	
Smith, Hinchmen & Grylls 9398 Beachdale Rd., Windsor, N8R 1R9	735-8452
Mr. George Prociw	
Union Gas Ltd. 50 Keil Dr. N., Chatham, N7H 5Ml	352-3100

	Mr. John Rollo Olsen Inc. Box 900, Tilbury, NOP 2L0	682-2062
	Mr. Fred Smith Self Employed	
	3885 Howard Ave., Windsor, N9G 1N6	969-3072
	Mr. John Van Huizen Wilson, Dario & Associates	
5.5	1400 Windsor Ave., Windsor, NBX 3L9	258-8004
	Dr. Norman Wilson University of Windsor	
	3307 Academy Dr., Windsor, N9E 2H7	966-6172
	Mr. Donald Winkup Chrysler Canada	
	1216 Coventry, Windsor, N8S 2W9	948-8314
100	è	