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AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS

FEBRUARY, 1994

PROGRAM

DATE: February 15, 1994

THEME: REFRIGERATION NIGHT

MODERATOR: JOHN SMALE is working for ENVIRONMENT CANADA on the development of co-ordinated provincial and federal strategies to control CFC & HCFC emissions. He has also worked with Dupont Canada for a number of years and is active on the CSA committee on refrigerant recovery and recycling equipment.

SPEAKERS: MIKE PREMOVIC is the Director of Commercial Applied System and Service Sales for CARRIER CANADA in Toronto.
TREVOR FRITH is the National Sales Manager for the Applied Systems Division of YORK INTERNATIONAL LTD. in Toronto.
AL WARD is the Chiller Products Business Unit Manager for SNYDER GENERAL CORPORATION (MCQUAY LTD.) in Minneapolis.
EUGENE SMITHART is the Director of Environmental Affairs for the TRANC COMPANY in Wisconsin.

SUBJECT: FORUM ON CFC-FREE REFRIGERATION EQUIPMENT

The phase out of CFC based refrigerants is well under way. ASHRAE Ottawa is bringing together representatives from the four prominent chiller companies to present their companies' solutions to the CFC phase out. Each speaker will give a 7 minute summary of their company's position on CFC-free refrigeration equipment. After each speaker has spoken, the floor will be opened up for questions and answers.

SOCIAL - 17:30 Hrs

DINNER - 18:30 - 20:00 Hrs

PROGRAM - 20:00 Hrs

Phileas Fogg Metropolitan House
99 Bank Street, MacDonald Room

MENU


Caesar Salad

Chicken Printanière

Mashed Potatoes - Vegetables

Fresh Fruit Cup

PRESIDENT'S MESSAGE



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Gabriel Laszlo
Chapter Historian
Paul Baker
Roster
Michael Fancy
Table Top
Paul Séguin
CRC '94
Guy Bourbonnière

I feel it necessary to explain to those who may have been taken off guard by the President's uncharacteristic presentation at last month's meeting. The intent was to open the eyes of our student members to ASHRAE, as not just a society of higher learning, but its also fun and exciting.

For those who missed last month's performance, all I can say is that you missed a "Good One" and if I may leave you with a thought.

"You cannot change the **Past**, but you can ruin a perfectly good **Present** by worrying about the **Future**."

With that in mind, may I invite you all to our February meeting which deals very much with future concerns and the more we know, the less intimidating it will be.

See you there!

Ross McIntyre
President

UPCOMING REFRIGERATION SEMINAR

On February 15, 1994 the Ottawa Valley Chapter has arranged a seminar on the phase out of CFC refrigerants. Representatives from four prominent chiller companies will be presenting their company's solutions to the CFC phase out.

More than 60 people have already registered for the seminar. It is important to note that the seminar is designed to cover the CFC issues in depth whereas the forum will be an informal discussion.

ASHRAE RESEARCH PROMOTION

Those attending ASHRAE meetings will have noticed on each table, the ever increasing list of Research Promotion Contributors. Yes, the research promotion committee has been active and to date \$1,165.00 has been received to fund Canadian research projects.

Thank you to those individuals and companies who have contributed.

The next phase of our campaign is to focus on the individual contributors.

At the February meeting, I will be accepting donations from committed supporters of ASHRAE Research. If you are not quite committed, drop by and learn a little more about the significant contributions of ASHRAE Research to our industry.

Research Promotion Chairman
Neil Armstrong

NEW MEMBERSHIP BOOKLET

Our local MEMBERSHIP ROSTER went to "press" this January, and we are hopeful that this valuable booklet will accompany this February newsletter mailing.

This booklet is provided free of charge to all CHAPTER MEMBERS who have paid their 1993-94 CHAPTER Membership dues.

ENERGY FACT

From the July/93 issue of National Geographic: A cloud-to-ground lighting flash throbs with hundreds of millions of volts, more electricity than could be produced by all U.S. generators combined during that instant. Yet the flash is so brief that the electric energy where it strikes would power a light bulb for only a month or so.

FEBRUARY TABLE TOP - MSA CANADA INC.

MSA Canada Inc., represented by Mr. Louis Biondo, an Instrument Specialist with MSA's TECHNICAL PRODUCTS GROUP will be hosting this month's table top. MSA is an international manufacturer of gas monitoring instrumentation. They will be presenting a variety of REFRIGERANT LEAK DETECTION SYSTEMS at their display.

MSA has a comprehensive selection of instruments to detect and analyse a wide range of gases. The MSA SYSTEMS GROUP offers individually designed solutions to customer requirements: systems built to specifications with the advantages of MSA instruments and sensing technology. Louis will be looking forward to meeting you and discussing MSA products and applications.

Contact Paul Séguin at 228-9037 for more information on presenting a table top at upcoming meetings. The new 1993-1994 rate is \$100.00 per display.

CURLING NOTICE

The Annual ASHRAE Curling Bonspiel will be held again this year at the Nepean Sportsplex on March 25, from 1:00 p.m. to 7:00 p.m. with a roast beef dinner to follow in the Continental Dining Lounge.

The cost will be \$170.00 per team of 4 or \$42.50 for individuals

Please contact Randy Cavill or Chris Healey at Walmar (225-9774) to book your team.

Space is limited so book early to avoid disappointment.

Prize donations would be greatly appreciated.

ADVANCE NOTICE!!

Mark your calendars for an upcoming afternoon seminar on April 19th in Ottawa on IAQ Commissioning. Your Education Committee is busy making arrangements for informed and interesting speakers to address the control and maintenance of good IAQ. More details to follow, but plan now to attend!!

WHAT YOU MAY HAVE MISSED JANUARY MEETING

The dinner meeting was preceded by a tour of the Cliff Central Heating and Cooling Plant, one of North America's largest.

The chapter meeting included lively remarks by our illustrious chapter president, and an interesting presentation by Geoff Adair on the state of the art in perimeter hydronic radiant heating. The 34 students in attendance for Student Night added to an interesting evening.

CHAPTER DOES NOT ACT FOR SOCIETY



ASHRAE, Ottawa Valley Chapter Board of Governors
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Publication deadline is the first Tuesday of each month

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ASHRAE REFRIGERATION SEMINAR
REGISTRATION FORM

Date: Tuesday, February 15, 1994.
Time: 1:00 pm to 5:00 pm
Location: Embassy West Hotel
1400 Carling Avenue (at Queensway)
Ottawa, Ontario

Name: _____

Company: _____

Address: _____

Phone Number: _____ Fax Number: _____

Attending ASHRAE dinner meeting on same night (Yes/No): _____
(If yes, read information below)

The cost of the seminar is \$40 per person if the registration is received before January 31, 1994 and \$50 if received after January 31, 1994. The cheque is to be made payable to the "ASHRAE Ottawa Valley Chapter". Please mail your cheque to :

ASHRAE Ottawa Valley Chapter
c/o N. Haitas and Associates Ltd.
1357 Second Line Road
Kanata, Ontario, K2K 1X7

Registration can also be done by fax by faxing 839-1803 (tel: 839-1708) to reserve your spot and then mail the cheque. You will receive confirmation of your registration by fax.

Refrigeration Forum
ASHRAE Ottawa Valley Chapter Meeting

Start of mtg.: 5:30 pm
Start of Forum: 8:00 pm following dinner.
Location: Phileas Fogg Restaurant, Metropolitan Life Bldg.
99 Bank St. (at Queen St.)
Ottawa, Ontario

Cost (Member means a member of the ASHRAE Ottawa Valley Chapter who is not a meal plan member)

Meal & mtg: \$19/pers. for members and \$22/pers. for non-members

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ASHRAE OTTAWA REFRIGERATION SEMINAR
ENVIRONMENTALLY FRIENDLY CHILLER OPTIONS FOR THE 1990'S

Background

The phase out of CFC based refrigerants is well under way. Although the Montreal Protocol calls for a stoppage of CFC production by 1996, Dupont has already stopped production of R-11 refrigerant. R-11 refrigerant has been used in the majority of centrifugal chillers in the last 50 years. Supplies of R-11 refrigerant are already going down and this refrigerant may be very difficult and expensive to obtain in a few years time.

ASHRAE Ottawa is bringing together representatives from the four large chiller companies to present their companies' solutions to the CFC phase out. Find out which solution is the best for your building or project.

This seminar is aimed primarily at building owners, property managers and engineers who must recommend or decide upon the best refrigerant solution for a particular facility. The focus will be on chillers for air-conditioning applications and will not cover low temperature refrigeration such as freezers, supermarket cases, etc.

Date: Tuesday, February 15, 1994.
Time: 1:00 pm to 5:00 pm
Location: Embassy West Hotel
1400 Carling Avenue (at Queensway)
Ottawa, Ontario
Cost: \$40/person if registered before January 31, 1994,
\$50/person if registered after January 31, 1994.

Seminar Format

1:00 - 1:10	Introduction
1:10 - 1:50	Speaker from York International
1:50 - 2:30	Speaker from McQuay Ltd.
2:30 - 2:50	Coffee Break
2:50 - 3:30	Speaker from the Trane Company
3:30 - 4:10	Speaker from Carrier Canada
4:10 - 5:00	Question & Answer

The seminar will be followed by an informal panel discussion of the CFC issue at the monthly ASHRAE Ottawa Valley Chapter meeting on the same night.

Registration

Please register by mailing or faxing the attached registration form (1 form per person registering)

File: d:\ashrae\seminar.bro