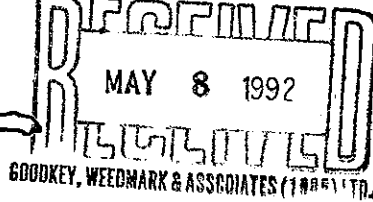


Capital Communiqué

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS



May 19, 1992

PROGRAM

COMMITTEE CHAIRMEN

- Financial*
Pierre de Gagne
- Audit*
Harry Atkinson
- Membership*
Marc Carriere
- Telephone*
Mike Swayne
- Education*
Frank Vaculik
- Technical*
Ken Ugwu
- Energy*
Andrew Bogdanowicz
- Refrigeration*
John Scott
- Research*
Bryon Landry
- Program*
Paul Juneau
- Special Event*
Gilbert Cavill
- Publicity*
Ian Hayball
- Communique*
Paul Seguin
- Greeters*
Allison Wade
- CRC*
Neil Armstrong
- Nominations*
Paul Baker
- Al Oakes Award*
Byron Landry
- Advisory*
Chris Frauley
- Government Affairs*
Gabriel Laszlo
- Chapter Historian*
Paul Baker
- Roster*
Randy Snow
- Tabletop*
Ross McIntyre
- Past Presidents*
Byron Landry

THEME: Charter Night/Past President's Night

SPEAKER: Julian Rochester
Director of Sales and Marketing
Nailor Industries Inc.

- TOPIC:**
- Fire, Smoke and Ceiling Dampers
 - Revised UL and NFPA Standards
 - "Dynamic Label" Fire Dampers: What are they?

TOUR - 16:00 Hrs
 SOCIAL - 17:30 Hrs
 DINNER - 18:30 - 20:00 Hrs
 PROGRAM - 20:00 Hrs

Phileas Fogg Metropolitan
 99 Bank Street, MacDonald Room

MENU

Hot and Cold Buffet
 Roast Hip of Beef
 Baked Potato - Vegetable
 Strawberries Romanoff

PRESIDENT'S MESSAGE

ASHRAE exists due to the support shown by its volunteers and the Ottawa Valley Chapter has some of the best volunteers. This month I would like to personally express my appreciation to those hard working individuals who may not always get the recognition they deserve.

Even though the May meeting represents the end of our Regular Chapter year, there is still a substantial amount of behind the scenes activity taking place. I am confident you will extend the same support to incoming president Neil Armstrong when he calls to ask for your assistance.

Chris Frauley

• TOUR • TOUR • TOUR • TOUR • TOUR • TOUR • TOUR • TOUR •

TECHNICAL SESSION - TOUR

This month, the technical session will consist of a guided tour of Place Bell Canada's ice storage systems:

Time: 4:00 o'clock

Location: Place Bell Canada
160 Elgin Street

Meeting at Security Booth by Energy Meter.

The tour features the Ice Storage System.

This tour will visit the one acre mechanical room on the 15th floor and then the storage reservoir below the ground level.

Hope to see you there.

Pierre Gagnon

TABLE TOP DISPLAY

Walmar Presents Fume Extraction Equipment by PlymoVent Canada Inc. Equipment display will include flexible extraction arms, hoods, fans, light and control options. Bob Dinsmore, President of PlymoVent will be present along with Dan Grant CET and Randy Cavill CET of Walmar Ventilation, the local agents.

For information on future table top displays and space available, call Ross McIntyre at 727-5111 for details.

ASHRAE AWARD - GEORGE TAMURA

We are pleased to announce that Mr. George Tamura of the NRC's Institute for Research in Construction has been selected to receive an "ASHRAE BEST PAPER" award for a paper prepared with Mr. John H. Klote of N.I.S.T. The topic of the paper was: "Design of Elevator Control Systems For Fire Evacuation". The award consists of a citation and honorarium, to be presented at the society's 1992 annual meeting in Baltimore.

CONGRATULATION'S GEORGE!!

SEMINAR ANNOUNCEMENT

Ontario Hydro, and the Ministry of Energy, in cooperation with the CEO, HRAU, BOMA, Ontario Electric League, Ashrae Toronto Chapter and the Electrical and Electronic Manufacturers Association of Canada, are presenting a commercial heat pump and controls workshop. To be held on June 18, 1992 in Markham.

For further information contact:

Ivan Paul or Wendy Lee (416) 470-5930

F. Lenarduzzi (416) 231-4111 ext. 6506

Also, see the notice to be posted at the meeting.

SURVEY - FRENCH PUBLICATIONS

Dalton McIntyre and Frank Vaculik have reminded us that some Ashrae publications are available in Spanish, and may be made available in French at some time in the future. The Quebec Chapters of Ashrae request your support in encouraging Ashrae to publish some documents in French. If you are interested, please send a note to Frank, c/o Ashrae, Ottawa Valley Chapter, Board of Directors, P.O. Box 3123 Station "C" Ottawa, K1Y 4J4.

Please indicate which publications you would like to see printed in French, and the number of copies you would estimate you and your associates would want.

Thanks



ASHRAE, Ottawa Valley Chapter Board of Governors
can be reached at P.O. Box 3123, Station "C", Ottawa, Ontario K1Y 4J4

Publication deadline is the first Tuesday of each month
The Editor - Paul Séguin

Fax: 228-9039

Phone: 228-9037



NATIONAL ENERGY CODE

Do you want to have a say in drafting the new National Energy Code? Our Chapter was asked by NRC to contribute technical data for a survey of pump and fan power and energy requirements for buildings. The information will be used by the Code Committee to recommend restrictions on excessive energy consumption. To get a copy of the one-page data sheets, call Gabriel Laszlo, Chairman, Government Affairs Committee, at 736-2246.

HYDRO BACKS STANDARD 90.1

The Chairman of Ontario Hydro announced April 7th that new commercial buildings will be provided with a cash incentive to meet ASHRAE's Standard 90.1-1989. Mark Eliesen made the announcement at the Central Region's "Source Seven" attended by roughly 600 industry invited guests.

The incentive will range from \$0.70 to \$1.20 per square foot depending on building size. In addition, there will be prescriptive and performance incentives for energy management techniques that go beyond Standard 90.1 Some of the incentives will be paid directly to design teams to help defray costs of verifying compliance.

This interim program will remain in place until the Ontario Building Code modification anoints Standard 90.1-1989 as "Good Practice". This change is expected to happen in April 1993.

Ontario Hydro will be running training courses for designers on the Standard.

Gord Sanford, Director of Ontario Hydro's Central Region, reported his estimate of 39 MW of load reduction over the past three years, in commercial building in his region. This demand avoidance was achieved at a cost to Hydro of \$13 million, or \$33 per kW. Brian Charlton, acting Minister of Energy also addressed Source Seven.

Lorn Mitchell of TMP Consulting Engineers presented the energy plans for Ontario Hydro's new offices at 5000 Young Street. The energy target for this office complex is 14 equivalent kWh/sq.ft./yr, using features such as low E glazing, chilled water storage, central heat pump, low temperature air compartment VAV, T8 lighting with remote ballasts, and a thorough commissioning process. The design will include fan powered VAV boxes to maintain a minimum air circulation rate of 1.1 CFM/sq.ft.

Bob Hadden, chapter member from Engineering Interface, presented design details for North York Hydro's new small building on Dyas Road. The building has a water loop heat pump system with storage and full DDC control. The lighting system, a dimmable T8 system has a power density of 1 Watt per square foot in office areas.

Courtesy of John Cowan and Toronto Chapter Gazette.