

# Capital Communiqué

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS

April, 1989

**PROGRAM: APRIL 18, 1989**

**THEME: ENERGY**

**Guest Speaker**

**His Worship Mayor J. Durrell  
Mayor of the City of Ottawa**

**Topic**

**The Status of Ottawa**

**RECEIVED**

APR 10 1989

**Technical Session - 16:30 - 17:30**

**Social - 17:30 - 18:00 hrs.**

**Dinner - 18:30 - 20:00 hrs.**

**Program - 20:00 hrs.**

JOHNSON CONTROLS LTD.  
OTTAWA, ONTARIO

**Phileas Fogg Metropolitan House, 99 Bank Street, MacDonald Room**

### PRESIDENT'S COMMENTS

The current issue of the ASHRAE Journal highlights the 1989 Energy Award winners. The projects competing for these awards were submitted almost a year ago. So it should come as no surprise that our chapter's Energy Committee headed up by Chairman Bob Laurin is in the final stages of putting together our Chapter's submission for the 1990 Awards. Mike Action is co-ordinating our efforts in this area.

Michael Tzopa has been an active force on the Energy Committee as well as putting together the upcoming ASHRAE sponsored Earth Energy Seminar on May 9, 1989 at Carleton University. The enclosed information sheet gives the details and it is clear that Michael has done a very thorough job with an impressive agenda. It is impressive because rather than covering only the mechanical aspects of the topic, this seminar goes back to the geological "first principles" and carries on from there -- probably a first for a seminar of this kind. Now what we need is the support of the membership to insure the seminar's success. Your Board of Governors is offering a \$25.00 chapter member discount on the advance registration fee to encourage your attendance. The efforts of our Energy Committee should be applauded and supported.

We will also be applauding and honouring the Telephone Committee and our support staff at the April Chapter meeting. The members of Mike Swayne's Telephone Committee and those secretaries who find time to squeeze in the typing of minutes of meetings and other Chapter correspondence will be joining us for dinner, so we can thank them and let them know how much we appreciate their efforts.

**Paul Baker**  
President.

### TECHNICAL DISCUSSION

VAV Control Loops

Pneumatic vs electric vs electronic vs DDC

OEM

Original Equipment Manufacturers availability  
1630 - 1730

If you want hand out material please contact Jim Gregory,  
236-7441.

### MENU

- Braised Beef Bourguignon - Seasoned Rice
- Baked Lasagna Napolitana
- Assorted Cold Cuts
- French Crusty Rolls
- Assorted Desserts

### CHAPTER NOMINATIONS

The Nominating Committee has put forward the following slate of Chapter Officers for next year:

- President ..... William McKinnon
- President-Elect ..... Byron Landry
- Secretary ..... Christopher Frauley
- Treasurer ..... Neil Armstrong
- Governors ..... Victor Gunhouse  
Nigel High  
James Mahaney  
Ross McIntyre  
Kenneth Ugwu

Nominations from the floor will be received at the next meeting.

## **UPDATE '89**

### **A Symposium for Future Reliability and Environmental Engineering Strategies**

**7 - 8 June, 1989 at Skyline Hotel, Ottawa**

#### **Sponsors:**

Society of Reliability Engineers  
Institute of Environmental Sciences  
Society of Logistics Engineers  
American Society of Quality Control

#### **Tutorial Sessions**

1. a) Logistics Engineering and Management  
b) Reliability Engineering  
- Foundation of Logistics Support  
0900 - 1200 June 7
2. Clean Room Personnel  
Management and Training  
1300 - 1700 June 7
3. Environmental Stress Screening  
0900 - 1200 June 8
4. Clean Room Operations  
Test and Audit, Maintenance,  
and Cleanliness Practice  
1300 - 1700 June 8

#### **Technical Sessions**

1. Reliability and Maintainability  
(RAM) Techniques  
930 - 1200 June 7
2. Contamination Control,  
Clean Rooms and Hoods  
0930 - 1200 June 7
3. Software Reliability and Quality  
1400 - 1700 June 7
4. Environmental Test Facilities  
- Management and Practice  
1400 - 1700 June 7
5. Mechanical Reliability  
0900 - 1200 June 8
6. Contamination Control,  
Clean Room Monitoring, Materials and Apparel  
0900 - 1200 June 8
7. Management of RAM  
1400 - 1700 - June 8
8. Environmental Applications  
1400 - 1700 June 8

Recommended to people involved with clean rooms. For further information please contact  
Mr. Duncan Adams, David Florida Labs, Canadian Space Agency, at (613) 998-2026.

**AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS, INC.  
OTTAWA VALLEY CHAPTER**

**WHAT EARTH ENERGY SEMINAR**

**WHEN TUESDAY — MAY 9, 1989 — 8:00 A.M.  
ONE DAY SEMINAR INCLUDING LUNCH AND BEVERAGE  
WITH BREAK REFRESHMENTS AND COMPLIMENTARY PARKING**

**WHERE CARLETON UNIVERSITY, OTTAWA**

**WHY EARTH ENERGY PROJECT — CARLETON UNIVERSITY  
(Largest earth energy project in North America)**

**WHO ASHRAE, OTTAWA VALLEY CHAPTER  
ENERGY, MINES AND RESOURCES, CANADA  
CARLETON UNIVERSITY • MINISTRY OF ENERGY, ONTARIO**

Speaker Prof. W. Apsimon, Director of Research and Dean of Graduate Studies, Carleton U.  
Topic Welcoming Remarks

Speaker Jack Cook, Physical Plant, Carleton University  
Topic Carleton University — Earth Energy Project — Introduction

Speaker John Newton, Chief of Industrial and Commercial Sectors, Ontario Base, EM&R, Canada  
Topic Energy Programs, Canada

Speaker Robert E. Young, Programs Officer, Ministry of Energy, Ontario  
Topic Energy Programs, Ontario

Speaker Dr. Fred. Michel, Program Scientist, Carleton U.  
Topic Hydro Geological Research — Carleton University Project

Speaker Roger Woeller, Consultant, Water and Earth Science Association  
Topic Hydro Geological Installation — Carleton University Project

Speaker Nell Van Walsum, Consultant, Water and Earth Science Association  
Topic Hydro Geological Modular Presentation

Speaker Dalton Minty, President, DHM Consultants  
Topic Carleton U Earth Energy Project Design — Equipment, Installation, Operations, Savings

Speaker Dr. Edward Morofsky, Senior Research Eng., Energy Technology, PWC/EM&R  
Topic Earth Energy Technology — Existing and Potential Installations

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**ADVANCE REGISTRATION — \$150.00 FOR ASHRAE CHAPTER MEMBERS — \$175.00 FOR OTHERS  
PAYMENT BY CHEQUE OR MONEY ORDER PAYABLE TO  
ASHRAE, OTTAWA VALLEY CHAPTER  
P.O. BOX 3123, STATION C, OTTAWA, ONTARIO K1Y 4J4**

**SEMINAR PACKAGE BY RETURN MAIL WILL INCLUDE PROGRAM, CARLETON UNIVERSITY CAMPUS MAP  
IDENTIFYING PARKING AND SEMINAR LOCATION. DIRECTIONS TO SEMINAR WILL ALSO BE AVAILABLE  
UPON ARRIVAL AT THE CARLETON UNIVERSITY MULTI-LEVEL GARAGE**

Print Surname . . . . . Print First Name(s) . . . . .

Print Address . . . . .

Print City . . . . . Print Province . . . . .

Postal Code . . . . . Telephone . . . . .

Business Name . . . . . Telephone . . . . .

For further information contact Mr. Mike Tzopa at tel. (613) 722-8589.