

# Capital Communiqué

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS

FEBRUARY, 1988

**PROGRAM - FEBRUARY 16, 1988**

*Topic*

**CO<sub>2</sub> and Indoor Air Quality**

*Speaker*

**G.S. Presser, P.Eng.  
President**

**ACME Engineering Products Ltd.**

RECEIVED

FEB 11 1988

JOHNSON CONTROLS LTD.  
OTTAWA, ONTARIO

CO<sub>2</sub> can be used as an indicator of indoor air quality both in spaces occupied by people and in spaces with diesel engines running. Mr. Presser has presented a paper on a CO<sub>2</sub> control of diesel fuels at the IAQ Conference in Washington in May 1987. He has also introduced a CO<sub>2</sub> method for indoor air quality control in spaces occupied by people at the ASHRAE Equipment Show in Dallas, as recently as February 1988. ACME Engineering has developed CO<sub>2</sub> instruments suitable for commissioning, preventive maintenance, complaint investigation or automatic control. He will explain the physics behind air quality control by a surrogate indicator and the principles of measuring CO<sub>2</sub> concentration.

***Programme Limerick***

*The air we all breathe is important  
The quality of we're not sure  
The speaker tonite will advise us  
On how we can know if it's pure.*

**5:15 - TECHNICAL SESSION**

**5:00 - SOCIAL**

**6:30 - 8:00 - DINNER**

**8:00 P.M. - PROGRAM**

**PHILEAS FOGG, METROPOLITAN HOUSE, 99 BANK STREET  
MacDONALD ROOM**

**TECHNICAL SESSION: WARRANTY**

The topic for the February Technical Session is Warranties. When do they begin? Who's responsible for coverage? If you have resolved a warranty claim recently, can your experience help others?

**MENU**

**(Spaghetti Western - *Make my day!!*)**

Braised Beef and Mushrooms with Fettucine  
Veal Parmigiana  
Sliced Virginia Ham  
French Crusty Rolls  
Assorted Desserts

## PRESIDENT'S COMMENTS

Last month we looked at our ASHRAE family and some of its members. The roles played by chapter members all form part of the "technology transfer team effect".

Our members are involved in major construction projects in the Ottawa area. The new Museum of Civilization and National Art Gallery are nearing functional completion due to input from our members and the use of ASHRAE based technology. Minto Place, Holland Cross and other major commercial projects also make use of the technical standards set by ASHRAE. The teamwork by the researcher, designer, manufacturer and contractor puts this technology to work.

We are proud of our ASHRAE family, its role in the HVAC field and the accomplishments achieved to date. At chapter meetings we are able to compare notes on the latest techniques in the design and construction fields.

Encourage others to join our family. Invite your colleagues to a meeting or help them fill in a membership form. Be an active part of the technology transfer team.

### William (Bill) James Robinson

passed away on Wednesday, February 3, 1988.

Bill was a founding member of the Ottawa Valley Chapter when ASHRAE was still called ASHVE. On the Charter Night, September 16, 1952, he was Chapter Treasurer. Several years later Bill became Chapter President and served in this capacity during 1954-1955. We remember his active participation in our chapter activities during the many years that followed and found him to be a role model for our membership. Bill Robinson was well known for his activities in the HVAC control field and opened the first Honeywell office in this area. He retired from Honeywell in 1980 after some 34 years of service.

For many years he gave of himself to business, church and community affairs. It was an honour to have known him.

Simon Jol

## NEWS FLASH!

We are able to report a successful DDC Seminar. More details at our next Chapter meeting.

## JUNE '88

The next time all of ASHRAE world wide gets together will be here in Ottawa June 25 to 29, 1988. Please keep those dates open. Our Chapter will need your support.

## POST THE CAPITAL COMMUNIQUÉ

Do you work in an office where fellow workers who do not receive the Communiqué may be interested in the information and announcements found on these pages? Then could you do them and the Ottawa Valley Chapter a favour by posting the Communiqué on a central bulletin board? Your cooperation in promoting Chapter and Society activities in this way will be greatly appreciated.

## PROGRAMME RECAP

Chief Ross White of the Ottawa Fire Department was our January guest speaker. An attentive audience heard Chief White review fire detection systems and discuss the state of fire life safety systems from a fire fighter's point of view.

A major concern of fire fighters is the increasing complexity of fire detection/safety control systems. Building fire systems must be completely tested to ensure they are truly operational. The time required to do this (up 400% over the last few years) along with the legal implications of inspection could lead to the certification of architects and consulting engineers for system verification and issuance of acceptance certificates.

Chief White concluded his presentation with this statement: "Why are fire systems so complex - they don't need to be."

## THE ANNUAL CURLING BONSPIEL TOURNAMENT

DATE: MARCH 18, 1988

LOCATION: NEPEAN SPORTSPLEX - WOODROFFE AVE.

TIME: CURLING: 2 p.m. - 6 p.m.  
DINNER. SALON "C" - 7 p.m.

COST: CURLING & DINNER - \$27.00  
DINNER ONLY - \$19.00

FOR RESERVATIONS PLEASE CALL FRANK TIPPER -  
225-5472

## CHAPTER ENERGY AWARDS

The Chapter Energy Committee is now soliciting candidates for this year's energy awards.

The eligibility criteria are simple: the submission must be on a project for which there are at least one year's energy performance data available.

Projects may be new construction or retrofit, covering the whole range from residential, commercial, institutional to industrial type, including renewable energy applications.

For more information or assistance in completing an application form, please contact one of the following committee members:

Rod Lancefeld	225-6974
Mike Meilleur	723-8300
Brent Wilson	237-4505

Applications shall be received by February 29, 1988.