

# Capital Communiqué

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS

APRIL, 1988

## PROGRAM — APRIL 19, 1988

### *Topic*

### **The Engineer's Liability as Regards Change Orders**

### *Speaker*

### **Mr. Claude Mercier**

Mr. Claude Mercier is President of ENCON Insurance Managers Inc. which administers the professional liability insurance programme sponsored by the Association of Consulting Engineers of Canada and the Canadian Council of Professional Engineers.

There has been a sevenfold increase in the number of claims against design engineers in Canada between 1966 and 1987. It is a widespread misconception that the majority of claims emanate from errors in the original design. In fact, more than 50% of claims against design engineers are the result of post-design problems such as rendering of field services (supervision) and the handling of change orders.

Mr. Mercier will give the audience background information and advice as to ways to mitigate our exposure to professional liability claims.

Everyone is most welcome to what will surely be a very informative evening.

### ***Menu - Noodlemania***

Beef Bourguignon with Noodles

Baked Lasagna Napolitana

Assorted Cold Cuts

French Crusty Rolls

Assorted Desserts

### **4:00 - TECHNICAL SESSION**

*Topic: The Pros & Cons of Pretendering Equipment*

### **5:00 - SOCIAL**

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

### **8:00 - PROGRAM**

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

**MacDONALD ROOM**

### **PRESIDENT'S COMMENTS**

The month of April can be considered preparation month. Preparation for a new ASHRAE year, a new executive, new programs, personal commitment to take part in future activities.

Through chapter programs we are able to increase our knowledge in the HVAC field. With seminars we focus on specific areas for an in-depth examination of equipment use, system design or construction practice.

During MAY, our SEMINAR MONTH, we will be able to take advantage of two separate seminars which give us an opportunity for such a technical immersion.

The 'Energy Recovery Seminar' will cover a wide range of system and equipment applications which apply to energy recovery. Since this seminar is held at the University of Ottawa it will be possible to take part in a site tour as well.

'R' in ASHRAE will present the 'Ice Breaker Seminar', thermal storage in new systems or as a retrofit application. The National Arts Centre has been selected for this full day seminar.

Both seminars will examine 'state of the art' equipment and applications to assist in our technology transfer program. Take advantage of these special events and attend the seminar of your choice.

Simon Jol, Chapter President.

**SOLI DUBASH**, a long time chapter member, passed away on Thursday, March 24, 1988.

We will miss his wry humour and studious dissection of speaker comments. No one could remain in his vicinity for long without expressing very distinct opinions about Soli. His interest in ASHRAE was well known and he was always ready to discuss a system or design philosophy.

After serving overseas in our armed forces he joined the Royal Navy. At the end of WW2 he returned to MIT to obtain his degree in engineering. He then continued with a colourful career as a consulting engineer in partnership with J. Klassen in Ottawa. Soli later joined Public Works Canada where he was responsible for specialized computer programs.

Memorial donations can be made to ASHRAE Research Fund.

**CLAUDE Y. MERCIER, F.I.I.C.**  
**President and Chief Executive Officer**

Mr. Mercier joined Encon in 1974 as Vice-President, Professional Liability Underwriting. He became President of the Group's largest operating company in 1982 and Chief Executive Officer of the entire Group in 1984. As such, he is ultimately responsible to the Board of Directors for all the operating companies in Ottawa, Toronto and Dallas.

Prior to joining Encon, Mr. Mercier held a variety of underwriting and management positions with a large Montreal insurance broker and a major American insurer going back to the start of his insurance career in 1961.

Mr. Mercier obtained his Fellowship degree from the Insurance Institute in 1971. A specialist in the field of professional liability, Mr. Mercier has published numerous articles and technical bulletins on the subject, and participated in many seminars and panel discussions in Canada and abroad.

**NOMINATIONS FOR 1988-89 BOARD OF GOVERNORS**

Keith Murfin, Chairman of the Nominating Committee put forward the following nominations for next year's Board of Governors:

Past President	-	Simon Jol
President	-	Paul Baker
President-Elect	-	Bill McKinnon
Secretary	-	Byron Landry
Treasurer	-	Chris Frauley
Governors	-	Neil Armstrong
	-	Dennis Capstick
	-	Ken Frank
	-	Vic Gunhouse
	-	Peter Sauer

Nominations will be closed at the April Chapter meeting.

**NEWS OF MEMBERS**

Dave Aubut, of Minto Place, was to have been our escort for last month's tour, but was unexpectedly called away to attend the birth of his daughter, Ryane. Congratulations from all at ASHRAE!

Jim Mahaney, of Combustion Engineering and a member of the Board of Governors, is also a proud new father. Congratulations from all on the birth of his daughter, Sarah Rose.

**"ICE BREAKER" 1988**

Now is the time to pre-register for the upcoming seminar on May 3rd, 1988, at the National Arts Center.

This should prove to be the hottest topic of the year and we are fortunate to have acquired an excellent cast of speakers that will cover all facets of ice thermal storage.

**RESEARCH PROMOTION FUND DRIVE**

Contributions to date represent 11.8% of our objective of \$11,000.00, thanks mainly to the generosity of one of our Chapter members.

Our campaign officially "kicks-off" the week of April 18. Campaign committee members will be calling on local industries and individuals. They deserve your time and full support.

We can use additional help in our canvassing. If you can donate two (2) days of your time between now and the end of June please call: John Dugan, 733-9781.

**PROGRAMME RECAP**

Mr. David Honsberger of Black & McDonald's Toronto office spoke on the topic of total building maintenance. He reviewed the evolution of building systems from simply having mechanical cooling available in the 1950's to the complex mechanical systems of the 1980's.

Breakdown maintenance causes poor tenant relations and has proven to be a costly method of maintaining systems. The evolution of computer systems and multi-trade contractors has produced the tools necessary for total building preventative maintenance programmes.

**HELP WANTED - NO EXPERIENCE NECESSARY**

Spouses required to help at the upcoming ASHRAE Meeting June 25th to 29th. Duties will include the hosting of our guest spouses in the Spouses' Lounge, the bus tour of Ottawa and other functions. Please indicate your interest in participating in this Event to "Joan" at 224-8090.

**LETTER TO THE EDITOR**

It would seem to be preferable to have table top displays with the permissible five minute explanation, rather than have the technical speaker use the podium for this purpose, which is not permitted by ASHRAE.

Yours very truly,  
Dalton McIntyre

**ASHRAE ANNUAL MEETING — OTTAWA, JUNE 1988**

The March 1988 edition of ASHRAE *Insights* stated that "all advance registration must be paid in US funds". Registration to these meetings could come from many different countries in the world and these fees must be paid in US funds. Canadian registration however, may be paid in equivalent Canadian funds since the meeting is in Canada. This oversight will be clarified in the next edition of *Insights*.

C. Hobbs

**JUNE '88**

After "Night of the Generals" comes "Day of the Day Captains". General Breckenridge appointed the four Day Captains: Dennis Capstick, Dave Eastwood, Ken Frank and Bill McKinnon.

One of these four Captains could be calling you this month to request your assistance as a monitor at the ASHRAE Annual Meeting June 25 to June 29, 1988. When your Day Captain calls, say "Aye, Aye, Captain!"

**ENERGY RECOVERY SEMINAR**

TUESDAY, MAY 10, 1988

University of Ottawa, 275 Nicholas St., Auditorium, Ottawa, Ont.

- Registration \$100.00 • Advance Registration \$75.00
- Lunch and Beverage included

Mail cheque or money order to ASHRAE, Ottawa Valley Chapter  
P.O. Box 3123, Station C, Ottawa, K1Y 4J4

— REGISTER EARLY —

**HYDRONIC SYSTEMS AND APPLICATIONS SEMINAR**

Sponsored by: CIPH

Co-Sponsored by: ASHRAE - Ottawa Valley Chapter

**Subjects of Discussion**

- Systems available
- Application of various systems
- Requirements for add-ons:
- Domestic water
- Swimming pools
- Solariums
- Services available
- Control radiation
- Snow melting
- Make-up air

**WHO SHOULD ATTEND**

- Anyone wanting to upgrade his/her knowledge of hydronic heating system
- Designers and specifications people

**WHAT WILL BE COVERED**

- The advantages of hydronic heating
- General system design
- Functions and application of controls
- Heating distribution equipment
- Boilers and system components
- Adaptability of hydronic systems
- Panel discussion with experts

Plus, you will be given a reference binder including all of this information.

**WHAT YOU NEED TO KNOW**

You will need to know basic hydronic heating systems, system sizing and design, heat-loss calculations, piping arrangement.

If you have several years of experience in the hydronics industry, you probably have acquired sufficient knowledge of systems to benefit from this course.

**WHY YOU SHOULD ATTEND**

There has been a recent resurgence in the hydronic heating market. Owners are aware of benefits of hydronic heating - you must be knowledgeable too to answer their questions.

**ABOUT THE COURSE**

This new, one-day course is a technical course on the advantages and applications of hydronic heating systems.

**ABOUT THE INSTRUCTOR**

George T. Hughson has been actively involved in the hydronics industry for more than 35 years. He has a wealth of experience in the design and installation of modular boiler and domestic water systems for commercial, industrial, and large residential applications.

A pioneer in the development of multiple boiler systems, George has held management positions within the industry for the past 35 years specializing in boilers, pumps, and heat exchangers.

**WHEN:** Thursday, May 26, 1988, 9:30 a.m. to 4:00 p.m.

Talisman Motor Hotel, Ottawa, Ontario

**FEE:** \$75.00

**HOW TO REGISTER**

Contact: Wayne B. Glover, CIPH (416) 232-2600