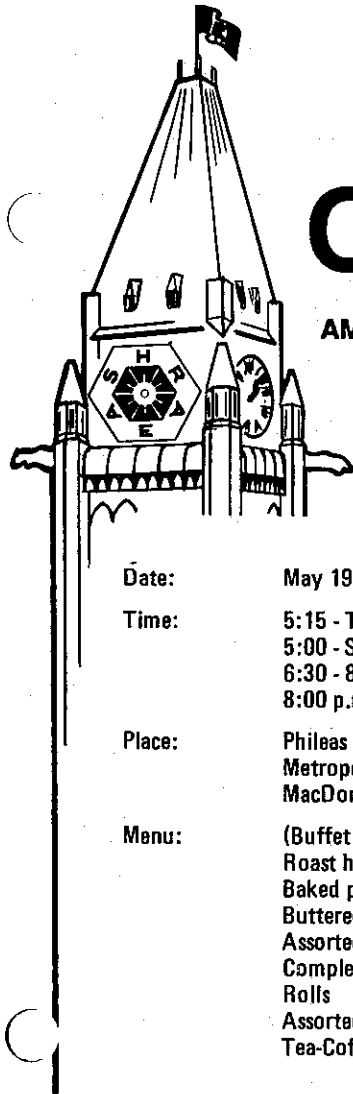


Capital Communiqué

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS

MAY, 1987



MEETING

Date: May 19, 1987

Time: 5:15 - Technical Session
5:00 - Social
6:30 - 8:00 - Dinner
8:00 p.m. - Program

Place: Phileas Fogg
Metropolitan House, 99 Bank Street
MacDonald Room

Menu: (Buffet Style)
Roast hip of beef au jus
Baked potato
Buttered green beans
Assorted cold cuts
Complete Salad Selection
Rolls
Assorted Pastry
Tea-Coffee

PROGRAM

Speaker: Mr. Nicholas Zrymiak, Project Manager, Biological Containment for Facilities Maintenance, Public Works Canada.

Title: "Considerations in the Design of Laboratories".

The National Capital Region has several unique and demanding laboratory environments. Two are currently under construction and three are in the design stages. Mr. Zrymiak, through his extensive practical experience, will highlight problems with the control of toxic chemical and micro-biological substances.

Issues associated with fume hood exhaust systems, plumbing systems, air handling systems and electrical systems will be presented.

TECHNICAL SESSION

Gord Hayball will moderate an open discussion. Let's share some new views on current issues. Come prepared.

GOLF TOURNAMENT

This year's Golf Tournament will be held August 25 at Manderly. Watch for further information.

STATEMENTS MADE IN THIS PUBLICATION ARE NOT EXPRESSIONS OF THE SOCIETY OR OF THE CHAPTER AND MAY NOT BE REPRODUCED WITHOUT SPECIAL PERMISSION OF THE CHAPTER.

Editor: Jim Mahaney, 560-4799
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PRESIDENT'S COMMENTS

How can one adequately express thanks and appreciation to so many individuals for their time and effort on behalf of our chapter during this past year? Is it enough to accept the pride and self satisfaction so evident from those involved? Would a simple "Thanks for a job well done" be sufficient?

When you consider the monthly and often lengthy board meetings, the numerous and essential committee meetings ranging from program to research promotion, reviewing budgets and financial reports, not to mention planning for seminars and social events, there was never any doubt as to our eventual success. You could not help but sense a commitment that WE will make it happen. Wondering if Soli would make it in time for dinner and what approach Paul would pursue in recapping last month's minutes added the only elements of suspense.

We are also fortunate in our chapter to have the support of a number of fine people who are not members of A.S.H.R.A.E. Mike Swayne refers to his telephone committee as the "forgotten soldiers"..... the typists who produce our financial reports, minutes and other documentation, the friendly individual you register with at one of our seminars. They certainly must share in any successes achieved. We have invited them as your guests to our May meeting. Take this opportunity to express your appreciation for their contribution and accept mine for the support accorded to me during this past year and THANKS FOR A JOB WELL DONE.

Sincerely,
John Dugan

UPCOMING CONFERENCE IN OTTAWA

Canadian Association of Biological Safety
May 27, 28 and 29
For more information contact: Nick Zrymiak

NATIONAL RESEARCH COUNCIL CREATES CONSTRUCTION DATABASE

Publications of the Institute for Research in Construction (IRCPUBS) has been released for online access via the NRC's national online information system, CAN/OLE. The database is of interest to scientific researchers, engineers, architects and builders. It covers all areas of building science including materials science, structural engineering, fire research, fire performance studies and building energy performance.

All records contain abstracts in both official languages. For more information, contact:

Client Services CAN/OLE CAN/SDI
CISTI
National Research Council Canada
Ottawa, Ontario K1A 0S2
Telephone: (613) 993-1210
Telex: 053-3115
ENVOY 100: CISTI.CLIENT.SERV

REFRIGERATION IN THE FOOD SERVICES INDUSTRY

Our April Chapter Meeting provided our membership with a very informative program on a local Ottawa company, "Hospital Food Services - Ontario Inc." The president of that company, David J. Pynn, outlined the major steps they have taken in implementing innovative ideas to the point now of providing approximately 15,000 meals per day to most of Ottawa's hospitals. They rely heavily on refrigeration.

The second speaker, Brian Tait, Maintenance Supervisor, spelled out each of the areas where their company has made gains, using the innovative approach in operating their plant. These are:

- (1) Modification of refrigerant piping and coolers to get better performance and cut out refrigerant losses.
- (2) Innovative equipment designs by staff to speed up production, i.e., adapting "farm type" milk coolers to large volume food cookers and redesigning blast freezers.
- (3) Use of refrigeration condenser waste heat to heat domestic hot water, and to provide aid to heating the building.
- (4) Implementing a continuous energy conservation program and graphing results so all people in the plant share in the success.
- (5) Cutting down electrical consumption year by year with approx. 30% reduction in consumption, and also reducing demand significantly.
- (6) Reducing gas consumption dramatically to approximately one half, while at the same time doubling production (in approximately 5 years).
- (7) Positive pressurization of the plant to minimize infiltration of dust and air-borne bacteria.

Both speakers were well versed in their subject and were inspiring.

UPCOMING EVENTS

June 11 and 12 - Chateau Laurier Hotel
"OPTIMUM HVAC PERFORMANCE"
Presented by the Canadian Chapter of the
Associated Air Balance Council.
Registration Fee \$125.00 (After May 10/87 \$150.00)
For details contact Chapter Director (519) 252-8051
Agenda will be posted at May meeting.

ONTARIO ENERGY NETWORK

Free subscription to the Association of Municipalities of Ontario's newsletter "Network" is available by writing or calling the Network Editor.

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Network is a publication jointly prepared by the Ministry of Energy and the Association of Municipalities of Ontario. Its purpose is to encourage conservation through a consistent flow of information and ideas on energy management.

AMO Association of
Municipalities of
Ontario



NATIONAL IAQ CONFERENCE

Canada's First National Conference on the health effects of indoor air quality will be held on May 29, 1987, at the Queen Elizabeth Hotel, Montreal. The cost is \$100.00. Further info. may be obtained from the following representatives of the sponsor of the conference:

Mr. Les McDonald, Canadian Lung Association, Ottawa
Tel. 613-237-1208;

Ms. M. Gosselin, APCA, Quebec Section, Montreal
Tel. 514-376-7447.