

Capital Communiqué

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS

March, 1989

PROGRAM: MARCH 21, 1989

THEME: RESEARCH PROMOTION KICK-OFF

Topic

Gas Cooling Options

Speaker

Mr. W. (Bill) Hawkins

Consumers Gas Company

Bill, who is Manager, Engineer/Architect Services for Consumers will give us an overview of "gas cooling options" for Commercial buildings.

His talk will outline some of the existing and emerging technologies for direct-fired, double-effect, absorption chiller-heaters, gas engine drive-vapour compression chillers and desiccant cooling systems utilizing natural gas.

Bill is a graduate Mechanical Engineer and was educated in England. For most of his career, prior to joining Consumers Gas, he worked in Consulting Engineering except for a period of four years when he worked for a HVAC Equipment Manufacturer. Bill has now been with Consumers Gas in Toronto for five years. Part of his responsibilities involve the promotion of new gas technologies to Consulting Engineers, Architects and Building Owners. He is active in the Toronto Chapters of ASHRAE and B.O.M.A.

Social - 17:00 hrs.

Dinner - 18:30 - 20:00 hrs.

Program - 20:00 hrs.

Phileas Fogg Metropolitan House, 99 Bank Street, MacDonald Room

PRESIDENT'S COMMENTS

The Research Campaign Kick-Off will be the highlight of this month's Chapter meeting. Chairman Simon Jol will introduce the members of the Research Promotion Committee who will be approaching you for your financial support. Please be generous.

Why? Because of the benefits.

Who benefits from ASHRAE Research?

- ASHRAE members advance themselves in the profession through the use of improved technical information from research incorporated in ASHRAE publications.
- Consulting engineers depend upon ASHRAE's publication of advances in technology, resulting from research, to keep themselves and their staffs up-to-date on the current best practice.
- Manufacturers of equipment, controls or any of the mechanical components associated with HVAC&R rely on ASHRAE standards and data presented in the *Handbook* series and at the Society's technical meetings.

- Equipment sales companies benefit from advances in equipment design and application which are often a direct result of technical information developed, verified or updated and published by the Society.
- Mechanical contractors benefit from technical advances which increase the demand for more and better mechanical equipment and systems.
- Energy suppliers (electric, gas and oil) enjoy increased sales as a direct result of advances in product and system design which create greater demand for HVAC&R.
- Government agencies benefit because information developed by ASHRAE Research increases design efficiency of government buildings and can be used as a basis for standards.

In other words, everyone benefits. That is why the Research Promotion Committee is asking everyone for their support.

Paul Baker.

MENU

- Irish Stew with Hot Biscuits
- Baked Ham with Maple Syrup
- Scalloped Potatoes
- Cold Sliced Turkey

WELCOME NEW MEMBERS!

We welcome the following members who are new to ASHRAE in the Ottawa/Hull and surrounding area.

All are especially invited to get acquainted with all our members, and participate in our local activities and on any of our many committees.

Also, the following members receive a free copy of our local ROSTER, listing members' names and companies.

Just call for details.

- Joe Allarie ENERGY MINES & RESOURCES
- Gerry Benedix PSI MECHANICAL SERVICES
- Guy Bourbonniere TRANE CANADA
- Lawrence Brown NATIONAL DEFENCE CANADA
- Peter Chamberland DENIS GAUVREAU SALES
- Ted Duncan FLAKT
- David Eaton TRANE CANADA
- Nicolaos Haitas DHM ENERGY CONSULTANTS
- Duncan Hill BUCHAN, LAWTON & PARENT

- Gemma Kerr
- Denis Lamoureux
- Andrew Lawton
- Rami Mikhail
- Yves Nadeau
- Rudy Paleshnuik
- Stuart Parson
- William Richmond
- Michael Ring
- Tom Robbs
- Neil Robertson
- Morgan Rudd
- Roy Samhaber
- Tom Smyth
- Kevin Valiquette

- PUBLIC WORKS CANADA
- STUDENT
- R.J. McKEE ENGINEERING
- TRANE CANADA
- KOL-TECH LIMITED
- TRANSALTA ENERGY SYSTEMS
- PARSON REFRIGERATION
-
-
- FLAKT
- ROBERTSON & ASSOCIATES
- TRANSALTA ENERGY SYSTEMS
- TRANSALTA ENERGY SYSTEMS
- ENERGY MINES & RESOURCES
- CAMPEAU CORPORATION

Keith Murfin, Phone 226-3300
Ottawa Valley Chapter
Membership Chairman.

SPREAD THE WORD ASHRAE

If you wish someone to receive our monthly *CAPITAL COMMUNIQUE* for a few months while they consider the benefits of membership, then just complete the following info:

The following person wishes to be added to our Ottawa Chapter Mailing List:

PLEASE PRINT

city prov. code

Office Phone: _____

Submitted by: _____

print your name here

date

89/3

MAIL COMPLETED FORM TO: K. MURFIN, 2603 Egan Rd., Ottawa, Ont., K1V 8M9

Seminar Title

EARTH ENERGY SEMINAR

See attached sheet for details.

For further details, if required, please call
Mr. Mike Tzopa at (613) 722-8589

**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

**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 Neil 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

**ADVANCE REGISTRATION — \$175.00 — 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.**

Print Surname. Print First Name(s)

Print Address

Print City. Print Province.

Postal Code Telephone

Business Name Telephone