



THE ILLINOIS INTERCOM

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THE VOTES ARE IN!

Based upon the results of members' votes, the following individuals will serve as your 2001-2002 Officers and Board of Governors.

President Ken Beilke

President Elect . . . Walter Kurzeja

Treasurer Brian Hoeger

Secretary . . . Michael McDermott

Board of Governors:

Jeremy Dickinson

Michael Kuk

Shawn Mansfield

Vic Penar

Brian Walsh

May 14 Meeting Preceded by Afternoon Seminar

On Monday, May 14, things will get underway in the early afternoon, as our monthly meeting again will be connected with a half-day seminar. The seminar will visit a number of issues related to cooling towers. Four experts will be on hand as presenters. (See the enclosed flier for complete seminar details and to sign up for one or both events.)

The seminar discussion will range from ASHRAE guidelines related to health issues, closed-circuit fluid coolers and upgrading existing cooling tower equipment to cooling water treatment. Seminar speakers include Curt Bullock Jr., of Bullock, Logan Assoc.; David Geary, of BAC; Wes Hickman, of Marley Cooling Tower Co.; and Thomas Hutchison of H-O-H Chemicals, Inc.

The seminar will be followed by hors d' oeuvres and refreshments for meeting attendees. Afterwards Tom Kroeschell will present an update on the status of Chicago's proposed Energy Code. He'll also talk about planned multimedia and other technical features being discussed for ASHRAE's CD-ROM version of its Handbook.

The setting for both programs will be the ComEd Commercial Center Auditorium in Oak Brook, Ill.

Registration for the seminar will take place at 1:30 p.m. The seminar will conclude at 5:30 and be followed immediately by the monthly meeting. The cost to attend the seminar only is \$15. The seminar and dinner meeting is \$25 per person.

Members and guests are invited. Advance reservations are requested. To register, mail or fax the flier enclosed in this newsletter. **Reservations may also be made by calling our 24-hour reservations number at (708) 636-3604, or online on our website [www.chicagosite.org/meetings.html].**

May 14 Meeting

Place: ComEd Commercial Auditorium
1919 Swift Road
Oak Brook, IL
(630) 684-3771

Time: 1:30 p.m. — Seminar
5:30 p.m. — Refreshments
6:30 p.m. — Presentation
\$25 per person, or
\$15 for seminar only

Chairman: Ken Beilke & Ted Pannkoke

For reservations, call (708) 636-3604

Illinois Chapter to sponsor Cooling Tower seminar before May 14th monthly meeting. (See enclosure for details.)

President's Message

The fiscal year for ASHRAE (2000-2001) is quickly coming to an end, and therefore so is my presidency. Our monthly meeting on May 14 will be the last Illinois Chapter event for this year (the Board of Governors voted not to proceed with the tentative



Golf outing in May, because it was already a very busy month for ASHRAE).

I wish to thank all who have put so much of their time into our chapter to make it the best chapter in Region VI, and (in my eyes) the best in the world! Ken Beilke, the incoming president, will take the

reigns in July and will charge forward with another event-filled year.

The following is an abstract of the annual report I presented on April 26 at the recent Chapter Regional Conference (CRC) in Minneapolis.

"The 2000-2001 ASHRAE year presented the chapter with new challenges, opportunities and goals for the future. We absorbed the Chicago Chapter into

the Illinois Chapter, bringing with it a wealth of refrigeration-savvy members. We now have 1,320 assigned members and 644 dues-paying members. Our chapter has 11 active committees with a total of 59 members.

"Our members are also extremely active in national and regional activities, with more than 120 active members in technical committees (TC's), standards and various leadership positions.

"The Illinois Chapter continues to have a very strong educational program with some 23 scheduled seminars, tours and technical programs. Our website and communication materials continue to grow and improve, despite many challenges imposed by having such a large chapter.

We continue to experiment with new technical topics and meeting locations in order to serve our diverse membership. Geography continues to be a major challenge, due to dense urban environment and the traffic congestion it imposes. We are truly blessed with an active membership, and we are striving to make this Chapter even more active."

Michael Kuk, Illinois Chapter President

Telephone: 630-684-3771

E-mail: Michael.Kuk@exeloncorp.com

Update on Proposed Chicago Energy Code

The City of Chicago, under the leadership of Harold Olin, Deputy Commissioner, and Helen Kessler, Sieben Energy Associates, formed a team of architects and engineers to develop an energy code for the City of Chicago. Essentially, the code is based on the "International Energy Conservation Code" which, in turn, is derived from ASHRAE Standard 90.1-1999. The Chicago version contains a few modifications that make this code specific to Chicago conditions.

The code will apply to all new buildings, buildings with a change of use (such as industrial lofts to residential lofts), and will be consistent with the Chicago Building Code. The code will likely include modifications to existing buildings if a majority of systems or a majority of an individual component is modified.

Use of this code will increase energy efficiency and reduce the cost of home ownership. The utility cost savings will exceed the increase in mortgage pay-

ment attributed to the increased construction costs to meet code requirements.

Increased energy efficiency for all buildings will reduce greenhouse gas emissions resulting from the burning of fossil fuels and enhance health.

The ASHRAE Standard 90.1 Committee estimates that the use of this Standard (and the International Energy Code) will result in a 10 to 20 percent increase in energy efficiency without a radical departure from current construction practices. This will help to reduce electric and natural gas consumption and demand, thereby improving utility pricing and distribution stability.

The committee still has a lot of work to do. We must respond to comments from others and make modifications to be sure it is consistent with other City codes and consistent within itself. The code will be implemented upon City approval. The City will provide necessary education and training as recommended by the Committee and other interested parties.

The City has received funds through the U.S. Department of Energy for code implementation and training. In addi-

tion, the City will be looking to ASHRAE, as well as other organizations, to assist in the training and implementation.

The working group that developed this code, in addition to the above mentioned leaders included the following Illinois Chapter members: Raj Gupta and Steve Zehr, Tony McGuire, Maurice Gamze, John Katrakis, and Tom Kroeschell.

Please note that this Energy Code will only apply to Chicago. Illinois is a "home rule" state. As such, each municipality has jurisdiction over their codes. It would be timely if other municipalities would create similar codes. If anyone is interested in working with other municipalities, please contact a member of the TEGA Committee. TEGA's chairman is Tom Kroeschell. You can contact Tom Kroeschell at 847-272-4626 or at trkpe@aol.com.

Illinois Chapter Members Honored at CRC

Congratulations to the following recipients of ASHRAE Regional Awards, announced at the annual CRC for

Region VI held last week in Minneapolis.

The first place engineering award at CRC for "Existing Institutional Buildings" went to Prem Mehrotra, General Energy Corp., for his work at Schaumburg High School.

The 2nd place award for "Existing Institutional Buildings" went to William Kosik, OWP&P Consultants.

Finally, John Sanchez, Jr., A. Epstein & Sons International (and the entire TEGA committee), received the regional "Refrigeration Pioneers Award of Excellence" for outstanding work for the "R" in ASHRAE.

ASHRAE Seeking New Handbook Editor

ASHRAE has an immediate opening for the full-time staff position of editor of the ASHRAE Handbook. The Society is seeking an individual who has editorial work experience but who also has an educational background in an engineering or scientific field related to ASHRAE fields of interest.

Besides being responsible for the ASHRAE Handbook's editorial development, this position will be also closely involved in determining the desirability and feasibility of creating a Handbook for a new generation with enhanced electronic capabilities and in coordinat-

Wanted: Summer 2001 Student Internship Employers

The Illinois Chapter education committee is still seeking company sponsors to provide summer jobs for Chicago-area engineering college undergraduates and technical students seeking to gain experience in the HVAC field. Thus far the following 11 companies have pledged their support by employing at least one intern for the summer of 2001. (This program is separate from the one being developed with Oakton Community College, which will not begin operation until 2002.)

The names of 2001 internship companies are:

"Even just one intern per company, would be a great show of support," said Mike McDermott, program coordinator. "We're not pressuring anyone to accept 20 students or any minimum number."

The list of company sponsors will be given to our ASHRAE student branch advisers and publicized through the Illinois Intercom newsletter and Illinois Chapter web site <www.chicagosite.org/ashrae.htm>.

B+A Engineers, Ltd.
ComEd
Environmental Systems Design
Gage Consulting Engineers
Grumman/Butkus Associates
McClier Corporation

McGuire Engineers, PC
Nicor
Northern Weathermakers
Temperature Equipment Corp.
Teng & Associates

Participating companies will receive the James E. Wolf Presidential Award of Excellence for Student Intern Sponsorship. They will also be honored at the ASHRAE Illinois Chapter spring "Student Night" dinner.

Please send your company name, address and contact person, to Illinois Chapter ASHRAE headquarters, P.O. Box 42-8020, Evergreen Park, IL 60805. E-mail to: dkdoherty@chicagosite.org. For additional information, contact Mike McDermott at (312) 456-2232.

ing the editorial development of this product. The position serves as staff liaison to the ASHRAE Handbook Committee and has extensive contact with ASHRAE volunteers serving on technical committees.

Interested candidates should contact W. Stephen Comstock at ASHRAE Headquarters, 1791 Tullie Circle, NE, Atlanta, GA 30329-2305. Tel. 404/636-8400; e-mail: comstock@ashrae.org.

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Illinois Chapter ASHRAE
P.O. Box 42-8020
Evergreen Park, IL 60805-8020



Illinois Chapter ASHRAE Presents:
Cooling Towers: Current Issues
a half-day seminar
Monday, May 14, 2001

2:00 p.m. to 5:30 p.m. (1:30 p.m. registration)
ComEd Commercial Center Auditorium
1919 Swift Drive • Oak Brook, Illinois

This half-day seminar will present the latest developments in cooling tower design, construction and safety. Four speakers will focus on the following areas of discussion:

Curt Bullock Jr., of Bullock, Logan Assoc., will discuss closed-circuit fluid coolers. These differ from cooling towers because the liquid to be cooled is not cooled by direct contact with the atmosphere. Rather, it passes through a serpentine coil over which water is sprayed (as with an evaporative condenser). Various types of fluids other than water may be cooled in this manner.

David Geary, of BAC, will discuss ASHRAE Guideline 12-2000 — Minimizing the Risk of Legionellosis Associated With Building Water Systems. The risk of Legionellosis is associated with many types of water systems including potable and emergency systems, cooling towers and evaporative condensers, heated spas, and decorative fountains. For this meeting, discussion will be limited to potable water systems, cooling towers, and evap condensers. It will include an overview of system operation and recommended control strategies. Mr. Geary chaired the ASHRAE committee that developed Guideline 12-2000.

Wes Hickman, of Marley Cooling Tower Co., will cover the upgrading of existing cooling towers to again meet or even exceed their original specifications. Discussion will include evaluating the potential of an existing tower for upgrade, different methods

to improve performance, and ways to extend the life of existing towers.

Thomas Hutchison of H-O-H Chemicals, Inc. will discuss current cooling water treatment technology.

Registration information. Advance registration is requested. Choose from these two alternatives:

The Illinois Chapter ASHRAE monthly meeting will begin after the seminar with a social and networking hour from 5:30 - 6:30 p.m. Afterward Tom Kroeschell will offer another presentation. Co-chairman of the Chapter's Technical, Energy and Government Affairs (TEGA) committee, Kroeschell will provide an update on the proposed City of Chicago Energy Code. He'll follow that up with an explanation of the use of multimedia and other enhancements planned for the electronic version of ASHRAE Handbook on CDROM disk (ASHRAE Research Project 1017).

Cost:

Seminar Only: \$15 per person

Seminar and Meeting: \$25 per person
(Includes refreshments and heavy hors d' oeuvres)

The ComEd Center is near where Interstate 294 intersects with 22nd Street (Cermak). From Route 83 in Oak Brook, go west to Windsor Drive, then north (left) to Swift Drive. There is free parking in the back of the building.

Seminar Registration Form
Cooling Towers: Current Issues

Register me for:
Seminar & dinner meeting
___ \$25 per person
Seminar only
___ \$15 per person

Name _____

Company _____

Address _____

City _____ State _____ Zip _____

Phone No. (____) _____ Fax (____) _____

Please mail your completed registration form, with check payable to Illinois Chapter ASHRAE, to P.O. Box 42-8020, Evergreen Park, IL 60805-8020. Forms may also be faxed to (708) 636-5847. For additional information, call (708) 636-5819.

Uncle ASHRAE Wants You



Join an ASHRAE committee and travel to far away lands, meet exciting and new people... The ASHRAE Illinois Chapter needs energetic people who want to get involved, and get the most out of their association. We're not asking for a lot of your time. You can even just be a corresponding member if you wish. But you'll never know if you like it, unless you try it. If you want more information about these committees, contact the people located below.

<i>Committee</i>	<i>Committee Description</i>	<i>Contact</i>
Technology Energy and Government Affair Committee (TEGA)	This committee coordinates seminars and the excellence in Engineering Awards Program	Tom Kroeschell- Chairman 847-272-4626 trkpe@aol.com

<i>Committee</i>	<i>Committee Description</i>	<i>Contact</i>
MEMBERSHIP	They are the "keeper of the membership database". It organizes membership drives, works to encourages grade advancements, reduce resignations and delinquencies.	Victor Penar- Chairman 847-966-2235 penarv@permapipe.com

<i>Committee</i>	<i>Committee Description</i>	<i>Contact</i>
RESEARCH PROMOTION	This committee helps raise funds for society- sponsored research.	Michael Kuk: Chairman 630-437-2469

<i>Committee</i>	<i>Committee Description</i>	<i>Contact</i>
EDUCATION / STUDENT ACTIVITIES	Establishes scholarships, and student workshops. They act as liaison between chapter and education institutions, and coordinate the annual HVAC basics course.	Richard Hegberg 773-775-2469 hegberg@aol.com

<i>Committee</i>	<i>Committee Description</i>	<i>Contact</i>
GOLF OUTING	The are responsible for the "fun side of ASHRAE" by coordinating and running our annual Fall Golf Outing.	Reid Woods: 630-734-6038

<i>Committee</i>	<i>Committee Description</i>	<i>Contact</i>
REFRIGERATION	This committee is actually a sub-committee within TEGA, promotes refrigeration interests and activities of members whose primary concern is refrigeration.	John Sanchez: Chairman 312-429-8356 Tom Kroeschell (TEGA Chair) 847-272-4626

<i>Committee</i>	<i>Committee Description</i>	<i>Contact</i>
PRODUCT / SERVICES DIRECTORY	This committee coordinates the publication of the Product and Services Directory	Ken Beilke: 312-616-6390 BeilKE@teng.com

<i>Committee</i>	<i>Committee Description</i>	<i>Contact</i>
RECEPTION	The first face you see at our ASHRAE events. They man the sign-in desk, and welcome guests and members.	Anthony Ranallo: 847-253-1040