

INFORMAIRE

JOURNAL OF MADISON, WISCONSIN CHAPTER
AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS

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May 2004

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MAY MEETING

Submitted by Tom James

DATE: Monday, May 10th, 2004

EVENT: **"The Ethics and the Economics of Energy Conservation"**
a presentation sponsored by the **Madison Chapter of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.**

LOCATION: **Nakoma Golf Club, 4145 Country Club Road, Madison, WI 53711**

PROGRAM:
4:45pm Registration and Social Hour
5:30pm Dinner
6:30pm Presentation

SPEAKER: **WILLIAM J. COAD, P.E.**
McClure Engineering Associates, St. Louis, MO; Past President, ASHRAE

ISSUE: The heating, ventilating, air-conditioning and refrigerating industry affects the public's quality of life in many ways, from indoor air quality, to conserving energy in buildings, to the development of refrigerants that do not harm the environment. As part of its outreach to the community, the Chapter is sponsoring a presentation on **The Ethics and Economics of Energy Conservation** featuring an internationally recognized expert in the HVAC&R field.

RESERVATIONS: Cost is \$20 for members and guests and \$1 for students. Pay at the door. Please make checks payable to Madison ASHRAE Chapter. Please **RSVP by Thursday, May 6th** to make reservations call Tom James at (608) 845-6411 or E-mail to tjames@carnes.com.

William J. Coad is a principal and immediate past Chairman and CEO of McClure Engineering Associates, a mechanical and electrical consulting engineering firm. He has been with the company for forty years engaged in the design and analysis of all aspects of building systems and as a principal of

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the company. He is also on the Board of Directors of Mestek Corporation of Pittsburgh and of Exergen Corporation of Boston. He was an affiliate professor of mechanical engineering at Washington University teaching graduate level courses in HVAC systems for 29 years. He was the 2001-02 President of the American Society of Heating, Refrigerating and Air-Conditioning Engineers.

Mr. Coad has authored two books and over one hundred articles and papers on various aspects of building systems and energy engineering. He and his firm have been pioneers in the development of computer programs for building energy analysis, cogeneration systems, well water source heat pumps, one-pipe chilled water systems, and variable flow chilled water systems. He has been active in technical, professional, and civic organizations and has received numerous awards for his technical contributions, including ASHRAE's highest award for technical achievement, the F. Paul Anderson Award.

PRESIDENT'S MESSAGE

Submitted by: Mark Miller

Greeting Members;

For those of you who missed the Dane County Airport tour I must express sorrow to you for a lost opportunity. It was a great event with a wonderful view of a unique mechanical installation. I extend gracious thanks to Keith Swartz, Roger Porter and Fred Honchell of Mead and Hunt for providing us the technical information of this design. Special thanks to Mike Kirchner, Deputy Director Planning and Development of Dane County Airport for allowing us to see behind the scenes of an airport operation. Doug Bergmann and Mike Gall of the Trane Company did a great job presenting the application design of the equipment utilized on this project, for which I am also thankful. My final thanks goes to Tom James for making the tour happen (I was convinced it would not happen). Great job to you all!

The time of year has come where we shift our leadership of our Chapter to new roles to for carrying on the responsibilities of ASHRAE. This next month we will be electing members into these roles and ask that you review the nominees of these positions. Later in the INFORMAIRE, you will find their names and the positions for which they are nominated. Wayne Prior has received acceptance letters of their nominations and their desire to fulfill the role in the Chapter. We will vote at our May meeting to put these people in place.

Tom James and I are in the final stages of our preparation for CRC in Rockford, Illinois. As I review the reports and assemble the Executive Summary, I have had the chance to reflect on the events of this past year. We have accomplished a few things and learned many. I am pleased with the results of the work done by the Board of Directors, Committee Chairmen and Committee members. We have succeeded in performing well on our PAOE points and I am very happy with our status to date. I struggled to find things that were a "problem" for our Chapter, although I did find a few things that could be done better. Tom James and I will represent the Chapter at CRC as Alternate and Delegate. Feel free to ask us about our report or the results of our conference.

This will be my last President's Message, so I would like to thank you for the opportunity to act as President of the Madison Chapter of ASHRAE. I have appreciated the chance and look forward to taking a role in another capacity. I hope I have helped those moving up through the Board of Governors learn about the Madison Chapter. I believe the Chapter has a solid foundation and the people that are in place will do an excellent job. I encourage everyone to participate in some capacity, no matter how small. If I can be of help, certainly feel free to call on me.

Mark F. Miller- President, Madison Chapter

NOMINATIONS

Submitted By: Mark Miller

Nominations for next year's Board Of Governors are as follows:

- President..... Tom James
- Vice President/Program Chairman..... Bruce Kimball
- Treasurer..... Chad Faber
- Secretary..... Gene Nelson
- Member-At-Large..... Ed Carroll, P.E.
- Member-At-Large..... Robert Stone

Elections will be held at the May 10th Meeting at Nakoma Golf Club.

MEMBERSHIP

Submitted By: Matt Heil

Local Membership

We would like to welcome Mark W Geurts as a new student member. Overall we have a total of eight new members, sixteen new student members, and six new transfers this year. Our charter has a total of 223 members and 48 student members to date.

National Membership

The Board of Directors has approved the first dues increase in three years. Dues for regular members will increase from \$140 to \$150, while dues for student members will increase from \$8 to \$16. The increase will take effect after June 30, 2004. According to Lee Burgett (ASHRAE treasurer), the dues received from the increase will be set aside in a fund for activities to be conducted at the discretion of the Board with emphasis on the development and support of new products and services.

GOLF OUTING

Submitted By: Michel Robert

The courses are looking great and your practice rounds should be getting better. The ASHRAE Golf Outing is **Monday, June 14th** at the Stoughton Country Club, which you should be signing up for now. Sponsors and contributors are also welcomed. Get your foursome's together and sign up!

The golf outing announcements and registration forms have been sent. If you did not receive it, contact me, **Michel Robert** at [**\(608\) 838-8200**](tel:6088388200) to get the information

BOARD OF GOVENORS MEETING MINUTES

Submitted by: Chad Faber

DATE: March 17, 2004
LOCATION: Basie's in Radisson, Odana Road
MINUTES BY: Chad Faber

1. Meeting was brought to order at 4:05pm.
2. Mark Miller passed out PAOE handouts.

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3. Meeting minutes from previous meeting were approved.
4. Bruce Kimball provided an up to date Treasury report. Tom James to forward expenses to Mark Miller.
5. Bruce Kimball needs to contact Todd Fortune for all the transactions going on in our account. Currently there is some discrepancy in our transactions.
6. Guest was not present.

Old Business

7. TEGA report was provided by Mike Gall:
 - a. A satellite broadcast regarding Homeland Security, to be conducted on April 14th, 2004, from Trane's office. There is a limit of 39 attendees. This will be put on the web site so we can get PAOE points.
 - b. Mike Gall reviewed how we will invite ASHRAE members first and the public second.
 - c. Chad Faber will find out if PLANNING Design Build, Inc. wan host a satellite broadcast from 11:00 am – 2:00 pm on April 14, 2004.
 - d. Gene Nelson will investigate the possibility of conducting a satellite broadcast from American Family.
 - e. Bruce Kimball/Mark Miller to investigate the possibility of conducting a satellite broadcast from Pro-mega.
 - f. Chad Faber to check with local Pipefitters union.
8. Programs:
 - a. April: Airport tour.
 - i. We are to meet at the chiller plant and have the presentation in that area.
 - ii. Dinner will be conducted first during the presentation and then we'll breakout into three groups to tour the facility.
 - iii. Tom James passed out menus for boxed meals.
 - iv. Tom James to verify what are set-up needs, seating, etc.
 - v. Keith Swartz to verify if cameras will be allowed.
 - vi. Everyone is to be reminded that we are touring an airport and best judgment should be used.
 - b. May 10, 2003: Past Presidents of ASHRAE and Ethics of Energy Conservation at Nakoma.
 - i. There is capacity for 250 attendees.
 - ii. Chad Faber will present to/invite ASPE.
 - c. June: Golf Outing
9. Newsletter is due Tuesday, March 30, 2004.
10. PAOE Points:
 - a. Mark Miller stated we needed to have our packages together for the CRC meeting.
 - b. Mark presented current status with us compared to others in our region. We are currently in 6th place.
 - c. Mark attached a possible points list for all committees and reviewed each list of possible points as follows:
 - i. Chapter Operations – Mark Miller
 - ii. Chapter Programs – Tom James.
 1. Mike Gall to get programs put on by Trane so it can be counted for points.
 - iii. Membership Promotions – Matt Hell
 - iv. Resource Promotions – Al Zeller
 - v. Student Activities – Wayne Prior
 1. Wayne said he would get to students to try to make the tour of the airport to draw membership.
 2. Wayne suggested we may have to go through reestablishing ASHRAE student chapter. They may get dropped due to poor response and meeting notes.
 3. Wayne needs to put together surveys to evaluate who has internships/jobs in the area, and suggested it be published in Infomaire
 - vi. TEGA – Mike Gall
 1. Mike has updated and we may be up to a possible of 500 points by the end of the year.
 2. Mike would like to get some information in the next newsletter.
 3. Anyone having contact with government officials should contact Mike via e-mail.

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- 4. Wayne will contact the Department of Energy.
- 5. Mike will attend the CRC convention.
- 11. CRC Rockford Region VI
 - a. Mark and Tom will be the major attendees. We will need to put together a binder of what we have done over the past year. Mark encouraged everyone to attend.
- 12. Library:
 - a. Mark thinks we should not pursue the library anymore.
- 13. Product Directory:
 - a. Mark would like to spearhead this for next year, to be put together by October 2005. We need to identify people who we can put on the committee.

New Business

- 14. Nominations for the BOG for 2004-2005:
 - a. Gene Nelson to advance to Secretary and will need to send a signed letter to Wayne to continue on as Treasure. All other board members to send a letter to Wayne for advancement to next position.
 - b. We will use social time to recruit members for committees.
 - c. Review the possibility of meetings to be conducted at noon.
- 15. Next BOG Meetings are as follows:
 - a. April 15th, lunch 11:45pm at JT Whitney's
- 16. Meeting adjourned at 5:50pm.

RESOURCE PROMOTION Submitted By: Al Zeller

The final months' of the Resource Promotion campaign is coming up. Use the form below or contact me for further information.

Thank you for the contributions to the monthly raffles.

Al Zeller, Resource Promotion Committee, 241-9342, azeller@capitolmechanical.com

Mail Check To: ASHRAE RESOURCE PROMOTION c/o Al Zeller 6107 Exchange Street McFarland, WI 53558	<p style="text-align: center;"><i>You can designate where your contribution goes:</i></p> <p style="text-align: center;">_____ Research _____ Learning Institute</p> <p style="text-align: center;"><small>*Individual contributions of \$100 or more and Corporate contributions of \$150 or more receive this year's William Holladay Commemorative Coin and Honor Roll Contribution status.</small></p>									
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Briefs on Technology, Energy & Government Affairs in Our Industry:

13 SEER Minimum Efficiency Standard Upheld (March 17, 2004)

"Due to the likelihood of a long and uncertain legal process, ARI will no longer pursue litigation in the U.S. Court of Appeals for the Fourth Circuit in Richmond, Va. so that manufacturers can prepare for a new, 13 SEER national minimum efficiency standard for residential central air conditioners and heat pumps that will go into effect on Jan. 23, 2006," William G. Sutton, president of the Air-Conditioning and Refrigeration Institute, said. The current 10 SEER standard, which went into effect in 1992, will continue to be the national minimum efficiency standard for central air conditioners and heat pumps until Jan. 23, 2006 when equipment manufactured after that date must meet the 13 SEER standard. See more at <http://www.ari.org>

Filtration is Silver Bullet according to Homeland Security Broadcast (April 20, 2004)

"High quality air filtration is a major step for ensuring better protection and a more secure America," said Donald Henderson, M.D., former director of the Office of Public Health Emergency Preparedness, a federal government office created to protect the public from acts of bioterrorism and other health emergencies. William Coad, P.E., 2001-2002 ASHRAE President, noted there is one step all owners can take to help in protection - recommissioning their HVAC systems. More than 20,000 viewers at some 1,000 sites watched the April 14 broadcast, which was hosted by the ASHRAE Presidential Ad Hoc Committee on Homeland Security and funded through a grant from the Alfred P. Sloan Foundation in New York. See more at <http://www.ashrae.org>

Energy Policy Act of 2003 – 30% More Efficient than 90.1, 50% More Efficient than Existing Building (April, 2004)

The Energy Policy Act of 2003, which was introduced to the Senate in February 12, 2004, is proposed legislation and may change before it is passed. Section 107 of the current bill requires Federal Buildings to be 30% more efficient than either ASHRAE 90.1 or the International Energy Conservation Code (IECC). Section 1325 of the bill will allow tax deductions for commercial buildings, either new buildings or major renovations of existing buildings, which reduces annual energy consumption by 50% or more in comparison with a building meeting the minimum requirements of ASHRAE 90.1. See more at <http://www.ashrae.org>

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PROGRAM SCHEDULE

Submitted By: Tom James

	Topic	Location	Presenter	
May 10	Ethics and the Economics of Energy Conservation	Nakoma Country Club	William Coad Past Society President	TEGA
Jun 14	Golf Outing	Stoughton Country Club		Social

CHAPTER CONTACTS

OFFICERS:

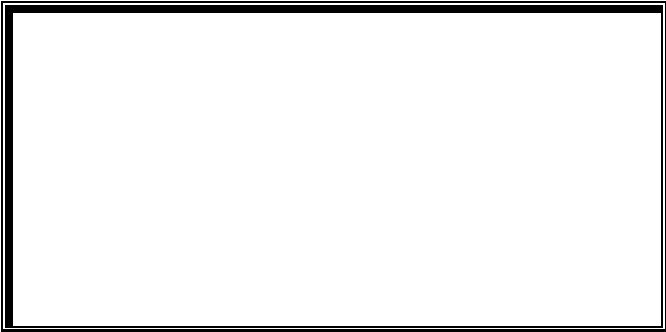
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**Air Conditioning
Division**

**Mark F. Miller
District Sales Manager**



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Newsletter Distribution is to
over 240 key HVAC individuals
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Send a copy of your business card.
We can either scan you business card
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(Address Correction Requested)

