

INFORMAIRE

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AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS

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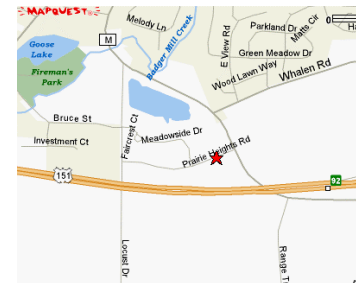
APRIL MEETING *Joint Meeting with ASPE*

Submitted by Bruce Kimball

DATE: THURSDAY Evening, April 14th, 2005

(Note, Thursday is Correct!)

LOCATION: Epic Center Tour
Meet At The Heights Event Center
411 Prairie Heights Dr., Verona, WI



TIME: 5:00 – 6:30 Dinner And Orientation
6:30 – 6:45 Car Pool / Drive To Site
6:45 – 8:00 **TOUR**

TOPIC: Tour of the EPIC Facility

Our thanks to ASPE for arranging a tour of this world class facility. It is early in the construction phase but far enough along to get sneak peak at centralized heat pumps in the mechanical room, outside air energy recovery systems, and the 300 Ft deep geothermal wells. This is the largest ground source heat pump system in the USA, and possibly the World.

TOUR GUIDES: **Manus McDevitt** (HVAC Engineer), **Paul Raymond** (Plumbing Engineer) and **Sarah Balz** (ASPE Laison), Affiliated Engineers Inc.
Steve McGowan (Geothermal contractor), Loop Master International

Dinner will be buffet style, catered by Avanti Italian Restaurant (Chicken Alfredo, Spaghetti, Lasagna). Because of time constraints, we will be serving dinner around 5:30 and have a brief overview of the EPIC facility. After dinner we will hand out waivers and drive to the construction site. You must sign a liability waiver to visit the site. Remember, this is a construction site so bring proper shoes/rubbers/boots, especially if you go into the well field.

RESERVATIONS: Please RSVP no later than Monday, April 11th by noon.

Cost is \$20 for members and guests and \$1 for students. Pay at the door. Please make checks payable to Madison ASHRAE Chapter. To make reservations, e-mail Bruce Kimball at kimball@strang-inc.com (preferred) or call (608) 276-9200.

The INFORMAIRE is the MONTHLY JOURNAL of the Madison, Wisconsin Chapter of the American Society of Heating, Refrigeration and Air Conditioning Engineers. Statements in the publication are not an expression of the Society of the Madison Chapter and may not be reproduced without written permission of the Board of Governors. Editor: Mark Miller, mark.miller@mail.ashrae.org

PRESIDENT'S MESSAGE

Submitted by: Tom James

Greetings, Fellow ASHRAE Members!

This past month's meeting featuring the refrigeration design, and tour of the Kohl Center, was very interesting and informative. Thanks to Dale Kuhlman, PE, Kuhlman Assoc. & DK Engineering. Principle designer of the refrigeration system, and Jason Davenport, UW Wisconsin, Facility manager of the Kohl center for their excellent program. The insight into subtleties of ice rink design was excellent.

This month is shaping up to be very busy. On **April 13** the ASHRAE Satellite Broadcast **Mold in Our Building Environment** is being presented at Planning Design Build Inc. and Trane Madison. This presentation should be very informative and worth much more than the \$10 fee.

Chapter Regional Conference (CRC) is approaching on April 28-30 in Moline IL. This is the opportunity to participate in ASHRAE at a multiple chapter level, including some very useful technical sessions as well as the committee and officer training workshops. I encourage you to come to Moline if at all possible. See <http://www.ashrae6.org/CRC/index.htm> for complete program and schedule information.

Madison Chapter is hosting CRC 2007, and committee meetings have begun to plan this showcase event that will highlight the best of Madison. Please consider joining the CRC2007 committee, especially Past Presidents. We have many opportunities to contribute and grow, with a need for 20+ members to handle various fun responsibilities.

The Scholarship Committee is also looking for people. This is a real opportunity to support young people considering careers in HVAC design. Mitch Hagens has 2 openings for committee members; please contact him at mhagens@naminc.com.

Research Promotion has raised over \$1,100 this year from the raffles held at the meetings this year. Thank you to the sponsors who donated prizes to award, and to those who purchased tickets. This month the Research Promotion committee will be contacting corporate donors to solicit tax-deductible support for this vital activity of research. Please consider giving generously, this research often leads the way for new developments and technologies in our industry.

Board of Governor candidates approved by the BOG will be presented at the Chapter meeting, but we throw the floor open for other nominations as well. Please contact Wayne Prior at prioreng@mcleodusa.net if you wish to be considered for a position on the BOG or to nominate someone else. Serving on the Board of Governors is an excellent opportunity to gain valuable knowledge and contacts within our industry.

Our April Chapter meeting will be a joint meeting with ASPE and tour of the Epic Facility on **April 14 (Thursday, not Monday)**. This will be an excellent opportunity to see the largest ground source heat pump system in the US, and the other design features of this world-class facility. Please join us!

See you at the meeting!

God Bless and Protect the soldiers who protect our freedoms and our great country!
God Bless the United States of America!

Respectfully Submitted,

Tom James - President, Madison Chapter

SCHOLARSHIP COMMITTEE

Submitted By: Mitch Hagens

SCHOLARSHIP COMMITTEE MEMBERS NEEDED!

The Scholarship Committee is looking for a couple of new members. The only qualifications are membership in ASHRAE (including the Madison Chapter) and an interest in helping support engineering students in our area. The current committee consists of Dick Pearson, Harry Sulzer, Tim Shedd and Mitch Hagens.

The workload consists of reviewing scholarship applications and making recommendations for scholarship awards. All of this work is done via email, so there are no committee meetings. Each committee member probably spends 3 hours a year on this work, during the months of April and May of each year.

If you have an interest in helping out, you can still join this year. Please call me or send me an email.

Thank you,

Mitch Hagens - Scholarship Committee Chair

HISTORIAN

Submitted By: Jeff Boldt

We received good news from William Murray this week; that we will again be receiving the Gold Ribbon Award. This year it will be for the video of the Presidents' Meeting that Tom James organized in December. I am in the process of transcribing the comments that I think are most interesting from that video. We met PAR first in the region this year and have a narrow lead in total points as we approach the CRC (the Iowa chapter is pushing us). I am also working to digitize our files, with the hope of completing this prior to the CRC.

Jeff Boldt

RESOURCE PROMOTION

Submitted By: Al Zeller

I would like to thank those who have donated prizes for our RP Raffle at our Chapter Meetings:

- Wilderness Hotel & Suites, WI Dells (2 overnight stays w/waterpark passes);
- Marriot-Madison West (2 overnight stays in double queen rooms);
- Planning Design/Build (hot air balloon ride);
- RL Johnson & Associates (La Paella gift certificate);
- Hunzicker-Riley (Biaggi's gift certificate);
- Capitol Mechanical (Tornado Club Steak House gift certificate).

Those attending our meetings continue to be quite generous in their response to the Raffle as we will raised over \$1,100 this year. Thank you for your support!

Our Committee members will be contacting corporate donors during the month of April for this years donation to ASHRAE Research, Ashrae Learning Institute, and ASHRAE Foundation. This is a tax deductible donation. It is important to remember that Region VI, which includes the upper Midwest, consistently has received more research awards than donations received from this area. Please be generous as ASHRAE is only able to fund less than 30% of the proposed projects on an annual basis.

If you qualified for a commemorative coin/plaque from last year's donation and have not received it, please contact me at Capitol Mechanical, 241-9342, or azeller@capitolmechanical.com.

Alan R. Zeller - Chairperson Resource Promotion

SATELLITE BROADCAST

Submitted By: Mark Miller

Mold in the Building Environment Satellite Broadcast – Wednesday April 13th at 12:00 noon

The Madison Chapter of ASHRAE is coordinating two sites for the ASHRAE Satellite Broadcast on **April 13th, 2005 at 12:00 noon CST**. Planning Design Build and The Trane Company will host sites for viewing this valuable presentation. The mold broadcast presenters will explore prevention of mold in new construction, methods for monitoring mold in indoor environments, detection of biological contaminants, solutions to prevent and/or alleviate mold problems and the legal issues relating to mold contamination. See the chapter website, www.ashraemadison.org for more information.

GOLF OUTING

Submitted By: Michel Robert

The 40th annual Madison Chapter Golf Outing is coming up quickly. It will be held on Monday, June 13th, 2005 at Stoughton Country Club at 3165 Shadyside Dr, Stoughton. As in the past, it will be a shotgun start, lunch included, raffle and dinner. The registration forms are available on the Chapter website, www.ashraemadison.com. If you have questions, feel free to contact me at marobert@trane.com or call (608) 838-8200 ext 205. We look forward to having your join us!

MEMBERSHIP

Submitted By: Matt Heil

	<u>Aug 04</u>	<u>Sep 04</u>	<u>Oct 04</u>	<u>Nov 04</u>	<u>Dec 04</u>	<u>Jan 05</u>	<u>Feb 05</u>
Members	217	219	223	222	222	224	224
Students	42	42	41	36	37	39	37
Delinquency	42	39	31	27	20	17	16

We are pleased that our member delinquency as shown above has decrease dramatically! Thank you for helping us make this possible. We are continuing updating member's information. If your information has changed (for example; emails, work place, address, phone number, etc.), please either contact us or change it on line. To change your information online go to www.ashrae.org, go to the "Membership Resources" at the top, then proceed to the "Manage Your Membership" on the right side of the page, and click "Address Change" in the center of the page. Proceed to the link and fill out your information. Once again, if you send us your information, we are happy to take care of this for you. We only ask that you provide us with your member number if possible. We have found that the process is accelerated when dealing with customer service.

Applications for new members can be filled out on line at www.ashrae.org, or I would be happy to email you an application.

MEETING MINUTES

Submitted by: Gene Nelson

Chapter Meeting:

1. **PRESIDING OFFICER:** Tom James, President
2. **CALL TO ORDER (Time & Place)** March 14, 2005 6:27 p.m. Kohl Center Madison, Wisconsin
3. **BUSINESS MEETING/
COMMITTEE REPORTS/
PRESENTATIONS** Tom James reminded members that this years CRC is happening in April. He also mentioned that the CRC is where regional chairs are elected and if anyone is interested in one of these positions he /she should contact Tom so they can be nominated; Tom also brought up the Mold seminar in April and asked that people sign up if interested.

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He mentioned that the golf outing sign up forms have been distributed.

Tom congratulated James Elleson for winning the Distinguished Service Award.

At the end of April we will be taking nominations for the BOG please submit all nominations to Wayne Prior. Wayne Prior was introduced. Wayne thanked all the students and RETA (Refrigeration Engineers /Technicians Association) members that joined us as guests and had them stand for recognition.

The winner of this month's resource promotion raffle \$75.00 gift certificate from Biaggi's was John Menz.

4. PROGRAM

Bruce Kimball welcomed everyone and presented the nights events, which included a brief talk by Dale Kuhlman of the system design for the Kohl Center Ice Refrigeration, and a tour of the main floor and refrigeration mechanical room.

The tour was broke up into two groups; one started in the equipment room the other on the game floor.

ADJOURNMENT
Reported By:

8:20 pm
Chad Faber

BOG Meeting:

1. **PRESIDING OFFICER:** Tom James, President
2. **CALL TO ORDER (Time & Place)** March 22, 2005 4:03 p.m.
Babes Grill & Bar
5414 Schroeder Road
Madison, Wisconsin
3. **ROLL CALL**
Tom James, Chad Faber, Gene Nelson, Rob Stone, Tim Meeker, Mark Miller
4. **APPROVAL OF MINUTES**
Motion Chad Faber motioned to accept the February 2005 BOG and Chapter meeting minutes.
Second Rob Stone
Vote Unanimous
5. **REPORTS**
Treasurer's Report

Chad presented a budget report of the monthly income and expenses. We received \$300 in meeting dues which included Regional dues. There are currently 30 cafeteria plan members of which 19 were in attendance. No checks were written in February. Current balances are \$5,367.68 in First Federal, \$40,562.67 net value on Merrill Lynch Scholarship Fund as of Jan 31, 2005, and \$24,474.71 in Merrill Lynch Investments account (priced portfolio) as of Jan. 28, 2005.

Chad presented the current 2004-2005 budget and started discussion. Chad mentioned that we are loosing money on the cafeteria plan at \$100 per year. We considered raising it to \$120. This issue was tabled until we discuss it with other chapters at the CRC. No monies have been spent on the newsletter mailings. Mark Miller indicated that we are currently mailing about 20 copies. Mark agreed to check with Carol Gieck at TSI to see how they want handling the mailing expense. If needed, we can check with Terry Riker for further determination. The \$225 is for past president's pin. There is \$95 left in the gift account.

Tom considered a gift for Jim Elleson, but we decided that Society will offer an award. Tom mentioned that the \$800 CRC budget line item should be \$1000 per previous BOD meeting. A line item of \$750 needs to added for Student award to attend the Annual ASHRAE convention. Next year's meeting is in Chicago. We discussed the possibility of renting a bus and get more students to attend the show.

Tom will form an audit committee before the CRC to check the 2003-2004 accounts.

Motion
Second
Vote

Gene Nelson motioned to accept the February 2005 treasurer's report.
Mark Miller
Unanimous

6. OLD BUSINESS
Program Committee

The April meeting will be the tour of Epic's new facility. Tom said that Bruce did not indicate he needed any further assistance with this meeting. Mark indicated that newsletter information was need by March 30th.

Satellite Broadcast

Currently 9 are signed up at Planning Design Build and 21 are signed up at Trane. Further promotion and publicity is required.

May Seminar

Tom said that Mike Gall had taken a poll and found that a 4 hour seminar on Construction Documents did not draw enough interest. The BOG decided to table this seminar until October or November. This could a shorter technical session (2 hours) before a meeting. Mark mentioned that many chapters have technical sessions before every meeting. The program committee for next fall should look into this. We encouraged Chad to get more people involved with the program committee. The BOG was encouraged to feed Chad with technical session ideas for next year.

2005-2006 BOG Nominations

Bruce, Chad, and Gene agreed to advance. Rob Stone agreed to be secretary. Tim Meeker will stay on as member at large. Matt Heil agreed to join the BOG as the new member at large. Wayne Prior will ask membership at the April meeting for any additional nominations. The vote will be at the May meeting.

CRC 2005

Tom, Bruce, and Gene will attend the April 28-30th CRC in Moline. Wayne Prior and Al Zeller will also probably attend. The BOG encouraged Chad to attend in order to get new ideas for programs and speakers for next year. Tom encouraged the BOG to check out their web site.

PAOE Points

Tom would like all committee members to update their PAOE points by March 30th.

CRC 2007

Tom James, Mark Miller, and John Davis are current committee members. The committee is in the process of writing job descriptions and recruiting past presidents to join the committee. They are also developing a mission statement and timeline of decisions to be made. One goal is to have the venue selected 18 months before the CRC, which is next October. Tom is leaning towards Monona Terrace because its high profile. Tom will contact Zack Obert to get the web site started to publicize the CRC 2007. The BOG asked to be kept updated on the committee activities and encouraged the committee to keep the membership updated on a regular basis via the *INFORMAIRE* newsletter.

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7. **NEW BUSINESS**
Letter from Ron Vallort, Tom read a letter dated March 5th congratulating our chapter for achieving the
Society President "Full Circle" award for Research and Promotion.
Distribution of Announcement Mark asked he could use his judgment on distributing information for educational opportunities sponsored by other groups via e-mail. The BOG did not have any issues with that provided that the information is related to our industry.
- Next BOG Meeting** To be determined.
ADJOURNMENT 5:03 pm

PROGRAM SCHEDULE

Submitted By: Bruce Kimball

	Topic	Location	Presenter	
Apr 14	Tour EPIC	EPIC Verona, WI	AEI	Joint with ASPE
May 9	Acoustics-101	TBD	Jim Yerges	
Jun 13	Golf Outing	Stoughton Country Club		Social

CHAPTER CONTACTS

OFFICERS:

		<u>Phone</u>	<u>Fax</u>	
PRESIDENT:	Tom James	608/845-6411	608/845-6470	TJames1229@aol.com
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TREASURER:	Chad Faber	608/836-8055	608/836-5818	cfaber@planningdesignbuild.com
SECRETARY:	Gene Nelson	608/238-1232	608/238-2614	gcnelson@aeieng.com
PAST PRESIDENT:	Mark Miller	608/835-1944	866/422-2290	mark.miller@mail.ashrae.org
BOARD OF GOVERNORS:	Rob Stone	608/821-8500	608/821-8501	rstone@arnoldandosh Sheridan.com
	Tim Meeker	608/821-8500	608/821-8501	tmeeker@arnoldandosh Sheridan.com

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	Doug Bergman	608/838-8200	608/838-6015	debergmann@trane.com
HISTORIAN:	Jeff Boldt	608/223-9600	608/233-9601	boldtjg@kjww.com
MEMBERSHIP:	Matt Heil	608/833-7000	608/833-6996	mheil@henneman.com
NEWSLETTER:	Mark Miller	608/835-1944	866/422-2290	mark.miller@mail.ashrae.org
PROGRAM:	Bruce Kimball	608/276-9200	608/276-9204	kimball@strang-inc.com
REFRIGERATION:	Terry Riker	608/271-7500	608/327-2363	triker@tsihvac.com
RESOURCE PROMOTION:	Al Zeller	608/241-9342	608/837-0278	azeller@capitolmechanical.com
SCHOLARSHIP:	Mitch Hagens	608/241-4328	608/241-2710	mhagens@naminc.com
STUDENT ACTIVITIES:	Wayne Prior	608/288-8338	608/288-8388	prioreng@mcleodusa.net

**Advertisers
Wanted!**

Contact Mark Miller
at

mark.miller@mail.ashrae.org

**Air Conditioning Mark F. Miller
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