



The Razorback Report

Arkansas Chapter Newsletter for the
American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.

www.arkansasashrae.org

Volume XV, Issue IV, May 2004

The President's Message

By Rick Sellers, P.E.

Greetings fellow ASHRAE members. Our April meeting at the Little Rock Country Club to honor our Past Presidents was yet another great meeting. There were 27 Past Presidents and their spouses RSVP'ed. Your Chapter Historian, James McKinnie had a tabletop Chapter history display and Past Society President and ASHRAE Distinguished Lecturer, Mr. Bill Coad's program was excellent. Thanks to everyone that attended.

Our May meeting is a facility tour at NCTR that promises to be both enjoyable and educational. When you add in the drive time this will be our longest meeting of the year, but if you can spare the time I really think you'll enjoy it. We have chartered a bus for those who choose not to drive themselves and it will depart Powers parking lot at 4:30 pm. When you RSVP, please try to specify whether you will be riding the bus or not so we can plan accordingly. Tom Hanlon's article has all the details on driving directions, parking, badges, etc. This promises to be a great trip and it will be our last meeting before the summer break so make plans now to attend. Please note the meeting will be on Tuesday evening (05/04/04) and will be at NCTR in Jefferson.

On April 14th, Arkansas ASHRAE hosted the Society satellite broadcast on "Homeland Security for Buildings". The broadcast was 3 hours in length beginning at 11:00 am and running until 2:00 p.m. Trane Arkansas graciously hosted the event in their training/meeting room and we thank them for their hospitality.

As I mentioned last month, our spring golf tournament is scheduled for May 7th at Cypress Creek in Cabot. Eddie Finley has promised beautiful spring weather for the event so sign up now. Thanks to everyone participated, volunteered and/or donated prizes or money to the fall tournament – your continued support for this tournament is sincerely appreciated. See the enclosed flyer for further details.

A huge THANKS goes out to all the people and companies that made contributions to ASHRAE Resource Promotion! Thanks to your support, the Arkansas chapter has reached (and exceeded!) its goal for the year. If you were not on the call list and you would like to make a donation to this very worthy cause, we have until June 30th to get contributions into Society.

The Arkansas Chapter of the US Green Building Council is holding a "Sustainable Arkansas" conference on May

May Meetings

Central Arkansas

Date: Tuesday, May 4th
Location: Meet at Powers of Arkansas, travel to NCTR, Jefferson, AR
Cost: \$10.00 / person (includes dinner & beverages)
Schedule:
3:30 pm Board Meeting at Powers of Arkansas
4:30 pm Depart Powers for NCTR on chartered bus
5:30 pm Tech Session - "Demonstration of HEPA / DOP Testing"
6:00 pm Dinner
6:45 pm Program "Tour of District Cooling Project"
8:00 pm Adjourn

Meeting Sponsor: *Jack T. Carter Company*

Northwest Arkansas

Date: Thursday, May 6th
Location: University of Arkansas Fayetteville, AR
Schedule:
5:30 pm Social
6:00 pm ASHRAE Business / Dinner
6:30 pm - Program - "Tour of he Southwest
7:30 pm Chiller Plant"

**** Further Details To Come ****

13th and 14th. You can find out more by visiting - <http://www.usgbc.org/chapters/arkansas>.

This will be my last newsletter article as President. I want to say THANK YOU to everyone who has served on the board, the grass roots committees, or volunteered your time to help with the meetings, seminars or social events. I know you've all worked hard to make the Chapter run as efficiently as it has all year and I want you all to know that I, and the rest of the Chapter, sincerely appreciate your time and effort.

That's it for now, as always, you can find out what's going on in the Chapter by visiting our website - <http://www.arkansasashrae.org>.

See you May 4th.

April Board of Governors, Officers, And Committee Chairmen Meeting Minutes

By Chance Hollingsworth, Chapter Secretary

Call to Order: President Rick Sellers called the meeting to order at 4:45 p.m. The meeting was held on April 6, 2004 at the Country Club of Little Rock. Those present were: Rick Sellers, John Carter, Chance Hollingsworth, Wade Wetzler, James McKinnie, Tracy Hayes, Randy Moore, Chris Ahne, Tom Hanlon, Scott Smith, Chris Call, Kim Koch.

President: President Rick Sellers opened the meeting and requested Old Business to be read. President Sellers announced the final draft of the C.R.C. report is published and distributed to those in attendance for final review. President Sellers presented an update on P.A.O.E. point totals to date and briefly discussed estimated point totals by C.R.C. President Sellers announced the Electronic Rooster has been emailed to Chapter membership. President Sellers discussed his role in representing Arkansas A.S.H.R.A.E. at a upcoming meeting of the Energy Services Coalition Commission The meeting will discuss standards, guidelines on energy services contracts.

Vice President/Programs: Vice President Carter announced that at tonight's meeting Arkansas A.S.H.R.A.E. will play host to distinguished A.S.H.R.A.E. guests Mr. Gill Avery and Mr. Bill Coad. V.P. Carter announced that Chapter past presidents would be recognized at tonight's meeting. V.P. Carter had 58 RSVP for tonight's meeting, with 27 being Past Presidents and Spouses. Next meeting will be Tuesday May 4th at N.C.T.R.

Secretary: Motion was made to approve Meeting Minutes as published in the April Newsletter. Motion approved.

Treasurer: No Report.

Membership: No Report

Research Promotion: Chairman Moore reported currently \$24,000.00 has been pledged or collected for Research Promotion and we are on track to meet or exceed our goal of \$31,000.00 by year-end.

Historian: Chairman McKinnie discussed preparations for the C.R.C. history display for the Tyler C.R.C. and requested help from membership in identifying members photos from the Chapters archived photo collection.

Honors & Awards: Chairperson Hayes announced she has not received any nominations to present at C.R.C.

Student Activities: Chairman Chris Ahne discussed possible recipients of the Arkansas Chapter Scholarship. Chairman Ahne reported details on student tour of mechanical rooms in the Razorback Stadium.

TEGA: Chairman Tom Hanlon reported there were 55 attendees to the March 10th Code Seminar hosted by Arkansas A.S.H.R.A.E. Chairman Hanlon announced the next education event scheduled is the A.S.H.R.A.E. satellite broadcast titled "Homeland Security for Buildings" which will be held on April 11th @ 11:00 A.M. at the Trane Arkansas Meeting Room. Chairman Hanlon reported N.E.B.B.B. will host a 6 hour educational seminar on October 15th at Pulaski Tech.

Newsletter: Chairman Wade Wetzler announced that April 20th will be the deadline for newsletter articles.

Social: ASHRAE Spring Golf Tournament will be held on May 7th at Greystone.

Reception: No-Report

Webmaster: No-Report

Refrigeration: Chairman Mike McClellan discussed apparent

lack of interest in participating from refrigeration contractors and discussed his efforts in trying to target low temperature food service. Chairman McClellan announced next months meeting will be Refrigeration Night.

Old Business: None

New Business/ Action Items: None

Adjournment: After no further new business President Sellers adjourned the meeting at 5:20 p.m.

April Arkansas ASHRAE Chapter Meeting Minutes

By Chance Hollingsworth, Chapter Secretary

Call to Order: At 6:30 p.m. the Chapter meeting was called to order with 44 in attendance. The meeting was held at the Little Rock Country Club on April 6th, 2004.

General Meeting: President Sellers opened the general meeting at 6:30 P.M. President Sellers welcomed members and recognized guests as well as Past Presidents in attendance at tonight's meeting. Motion & second to accept the nominating committee's nominations for next year. Motion passed.

Program: Vice President John Cater announced the evenings program speaker and program. The nights program titled "Energy Considerations in Engineering Design – The Ethic and the Reality" was presented by Mr. Bill Coad. Mr. Coad opened the program by defining Engineering Professionalism and Ethics. Mr. Coad discussed the importance of reducing energy consumption due to the worlds depleting energy reserves, and our increased dependence on other countries for energy. Mr. Coad stated, "The engineering community has the ability to design machinery to utilize differing amounts of energy to accomplish the same purpose." Mr. Coad listed means in which design engineers could lower investment cost for systems that use less energy. Mr. Coad called upon the engineering community to lead the way in designing systems that "protect the long-range interest of the society we serve and, specifically, to incorporate the ethics of energy conservation and environmental preservation in everything we do." Mr. Coad stated that we as an engineering community can assume the leadership role through educating others and ourselves on the unique value of energy, and becoming involved in government activities.

Adjournment: With no further business the meeting was adjourned at 8:45 p.m.

Membership

By James Dayer

Our May meeting will be "Membership Promotion" night once again. If anyone has someone in mind who is thinking about joining ASHRAE, please bring them along as a guest and show them all the benefits that ASHRAE has to offer. It's been a great year, with lots of new members. Remember, if anyone needs any information on joining ASHRAE, or membership advancement, please let me know. Applications and all applicable forms are always available at every meeting. Everyone have a great summer, and I look forward to seeing you at our next meeting in the fall.

TEGA

By Tom Hanlon

Our April event was the ASHRAE Satellite Broadcast on "Homeland Security for Buildings". Was an excellent event and boy was it timely. Really demonstrated how integral our industry is in the overall "Security" issue. We have lots of challenges in front of us and need forums like this to help raise awareness. Our ASHRAE leadership did great job. Interesting that Bill Coad, our April meeting speaker, did a significant portion of the technical side of the seminar. Good timing.

Another bit of good timing. Our technical session at the May meeting will be a demonstration of HEPA filter testing and a discussion of how to handle contaminated filters. This question came up during the "Homeland Security" broadcast and was essentially not answered. Our presenter, Alan Daniel (A+ Biomedical) will discuss the current safe practices for disposal. Should be interesting.

Now to the May meeting. It's at NCTR (National Center for Toxicological Research) at Jefferson. As mentioned above we'll have a Tech Session on HEPA filters @ 5:30 followed by dinner @ 6:00. Then we'll have a short session with Regional Chairman Hugh McMillan followed by our tour.

The tour of the facility will highlight the new district cooling system and automation system. These are major projects, very leading edge and should be very interesting. The Engineering Staff of NCTR, TME Inc. Staff and Jim Pitts and Chance Hollingsworth of Powers will conduct our tour. Thanks in advance to all.

Powers of Arkansas is sponsoring a bus for those that choose not to drive. Details are in this newsletter. Should you choose to drive the directions are: South from Little Rock on Hwy 65 to the Redfield exit. Into Redfield then south on Hwy 365 approx 3 miles. Just before the town of Jefferson turn left on NCTR road and go approx. 2.5 miles to the right turn into the NCTR complex. Park in the visitor lot and walk to the Security Gate. If you RSVP the meeting you'll be signed up and we'll have your badge ready. The meeting is just inside this gate.

Have a Technology Award application moving through for regional competition. Submitted by Hamid Habibi at Cromwell, it's in the Innovative Category. Was judged locally, awarded locally and given our endorsement as a regional entry. Good luck at CRC.

This Month in Arkansas ASHRAE History

By James McKinnie

16 May 1967: The chapter met at the Sam Peck Hotel for dinner. Dan Howard of the Industrial Research and Extension Center, spoke on "Tax Avoidance, Evasion and Reducing Income Tax Liability, " with special focus on loopholes that small businesses can use.

21 May 1974: The board met at 4pm at the offices of EERB&C Architects and Engineers to discuss new memberships, the research fund, and the upcoming golf outing and steak fry. The chapter met at 6:30pm at the Rodeway Inn, with dinner served first. Bob Gannaway of Motivation Services, Inc. made an excellent presentation on self-motivation, attitudes and the love of life.

19 May 1981: The chapter met at the Sam Peck Hotel for dinner. Bill Jones presented the technical session on various applications of variable volume pumping systems. A slide show of the May golf outing drew lots of chuckles. Ed Schraff of the Blass, Chilcote, Carter, Lanford, Wilcox A-E firm presented details on the new Little Rock convention center that was under construction, in particular its aesthetics and energy conservation features.

Student Activities

By Chris Ahne

On Monday April 12th, the University of Arkansas student chapter, in conjunction with the ASME student chapter, hosted a facility tour at Reynolds Razorback Stadium. Twelve students and faculty members, Darin Nutter and Rick Couvillion attended the tour. We appreciate Scott Turley and Steve Packard for helping to facilitate the event and for conducting the tour.

This facility was a good building to tour because of the different types of mechanical systems that are present. Part of the facility is served by the district heating and cooling system. Another portion of the facility is served by water-cooled equipment including self-contained units and water source heat pumps. Additionally, the food services area is conditioned with air-cooled equipment. In one location, the students were able to see how heat rejection from a building can occur using varying design methodologies. Steve Packard also discussed the energy management system that is utilized to automate the equipment. He demonstrated a programmable system controller and the operator workstation that is used to monitor the facility.

I would like to thank Scott Turley, Steve Packard, Darin Nutter, and Rick Couvillion for making this event possible.

I have resumes from graduating engineering students. If anyone would like access to these resumes, please contact me at cahne@trane.com.

Research Promotion

By Randy Moore

Congratulations to the Arkansas Chapter Members for outstanding support for ASHRAE Research. Our golf outing and other fundraisers jump started our campaign by raising thirty per cent of our goal, and our chapter members and supporting companies contributed the balance for us to reach our goal of \$31,422.00 by CRC. Our chapter has achieved the objective of reaching our goal by CRC thanks to the strong support of our members and other contributors.

On behalf of the chapter members, a very special thanks to the Resource Promotion Committee Members for their efforts which have met the requirements for the Presidential Award of Excellence (PAOE). The Chapter Officers, Board of Governors, and Committee Chairs achieved Full Circle for Resource Promotion, the Arkansas Chapter contributed \$10,000.00 for Golden Circle, and the chapter membership contributions supported our campaign to reach goal by CRC.

The Razorback Report is published monthly by the Arkansas Chapter of ASHRAE. Statements made in this publication are not expressions of the Society or of the chapter and may not be reproduced without special permission from the chapter.

2003-2004 Chapter Officers

<u>President</u>	Rick Sellers	501-374-3731	fax: 374-1802
<u>Vice-Pres.</u>	John Carter	501-666-5463	fax: 666-8253
<u>Secretary</u>	Chance Hollingsworth	501-374-5420	fax: 370-9298
<u>Treasurer</u>	John Hodoway	501-372-2900	fax: 372-0482

Board of Governors

Chris Call	501-663-8886
Russell Black	501-327-2409
Steve Titus	501-375-1181
Tracy Hayes (CRC Delegate)	501-833-0239
Randy Moore (CRC Alternate)	501-280-0404

Committee Chairs

Membership	James Dayer	501-663-8886
Student Activities	Chris Ahne	501-661-0621
Programs	John Carter	501-666-5463
Historian	James McKinnie	501-987-7666
Refrigeration	Mike McClellan	501-661-0621
Research	Randy Moore	501-280-0404
Honors & Awards	Tracy Hayes	501-833-0239
TEGA	Tom Hanlon	501-661-0621
Newsletter	Wade Wetzler	501-803-3328
NW Section	David Sheets	479-636-5004
Social	Eddie Finley	501-374-5420
Reception	Scott Smith	501-666-5488
Webmaster	Ben Baugher	501-280-0404



THE RAZORBACK REPORT

Arkansas Chapter of ASHRAE
P.O. Box 180
Little Rock, AR 72203



American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

Arkansas Chapter Meeting RSVP Form

Company Name: _____

Phone #: _____ Fax #: _____

Signed: _____

ROUTING

For reservations to the Central Arkansas Chapter meeting fax this form by **Thursday, April 29th** to 501-666-8253 *Attn: John Carter*

For reservations to the Northwest Arkansas Chapter meeting send this form by **Monday, May 3rd** to *nwarkashrae@yahoo.com Attn: David Sheets*

MEMBER NAME (PLEASE PRINT)	CENTRAL May 4 th	NW ARK May 6 th	RIDING BUS (Y or N)

NOTES: Please fax this form to the name and fax number as referenced above
 The meal is no cost to student members, however an RSVP is necessary.
 All "no shows" will be responsible for the cost of their meal.
In order to provide you with the best service for your Chapter's money, it is necessary to RSVP for each meeting.

Arkansas Chapter May Meeting

By John Carter, P.E., Program Chairman

Hello, Arkansas-ASHRAE. May is our last meeting of the year and is going to be fun! Are you in for a road trip? We are chartering a bus (thanks to Powers of Arkansas) from Powers' offices and driving to NCTR for a great meeting and a fun trip. We will eat in the very appetizing and affordable cafeteria and will start with beverages and goodies on the road. Once we arrive, we will enjoy a demonstration of HEPA / DOP testing. Following dinner, we will take a tour of the District Cooling Project on campus. Then, we will head back to Little Rock on the Powers' bus.

One other surprise guest will be Hugh McMillan III, our current DRC, who will update us on Region VIII activities. Thanks to Jack T. Carter Co. for sponsoring the meeting; Powers of Arkansas for sponsoring the bus; and Tom Hanlon for organizing the details!