



THE RAZORBACK REPORT

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

www.arkansasashrae.org

Volume XIV, Issue IV, May 2003

The President's Message

By Randy Moore, P.E.

Our Chapter Leadership began the year with a challenge from Society President Colliver to realize the dream of *Building a Better World* with energy, environment, education, and empowerment as cornerstones for realizing this vision. As we look at the activity of this past year, our Chapter Members have experienced "value in ASHRAE membership" through each of these cornerstones while participating in technical sessions, programs, seminars, and committees. The Standard 90.1 Seminar "Energy Code Workshop" in April presented by Jeff Ross-Bain, PE and our colleagues at the Arkansas Department of Energy, Arkansas Council of Engineering Companies, and the Arkansas Chapter of the American Institute of Architects focused on the revisions to the standard for 1999/2001 and the application of the compliance software. Our ad hoc committee for addressing the issues related to the classroom environment and "the standard of care for indoor air quality in our public schools" will continue planning for our forum meeting in September to kick off the new chapter year for 2003-2004. The TEGA committee emphasized the "education" of our chapter members through regional technical seminars on important topics including laboratory design considerations and system effect in air distribution systems. Finally, our chapter members experienced the benefits of our Chapter Leadership Initiative for our committee chairs and co-chairs. Each committee is empowered to train the next chair by involving a co-chair(s) in activities throughout the year. Thanks to the Arkansas Chapter Officers, Board, Committees and Members for meeting the challenge presented by President Colliver.

The Region VIII CRC in Fort Worth, Texas is April 24th through the 26th and at least ten of our chapter members plan to attend the CRC. Congratulations to the Fort Worth Chapter CRC Committee for presenting an excellent Region VIII Chapters Regional Conference, and mark your calendar for the spring of 2004 for another fine CRC hosted by our East Texas Chapter in Tyler, Texas. Our second Ad Hoc Committee meeting for planning a forum for discussion of the issues involved with applying ASHRAE Standard 62 in our public school buildings is set for the middle of May. Contact Committee Co-Chairs Randy Ragsdale or Randy Moore for more information. The goals for the committee are to set a meeting agenda, select panel members, and finalize plans for the September meeting date, time, and place for the first Chapter Meeting of the 2003-2004 year. Our plans are to prepare for our first forum discussion at the September 2003 Chapter Meetings in Little Rock and Northwest Arkansas.

Thanks again to our Region VIII Director and Regional Chair, Mr. Hugh McMillan, for presenting an excellent program at our past president night meeting in April. We honored our past presidents with an inspiring program on "making a difference" through ASHRAE membership and participation in Chapter and Society activities.

In closing, I would like to thank the members of the Arkansas Chapter of ASHRAE for the privilege of membership and the opportunity to serve as Chapter President. I have enjoyed this year as your "fearless leader" and look forward to supporting our new chapter board, officers, committees and members as we meet the challenges of the future.

May Meeting

Central Arkansas

Date: Tuesday, May 6th
Location: Diamond Bear Brewery
323 South Cross Street, LR
(map at www.diamondbear.com)
Cost: \$18 / person
Schedule:
4:45 PM Board Meeting
5:15 PM Social (free samples)
5:45 PM CRC update and announcements
6:00 PM Facility Tour
6:45 PM Dinner (Catered BBQ & free beer)

TEGA News

By Tom Hanlon

90.1 Seminar Update We had 59 attend. What a great response. Steve Titus, along with Susan Recken and the folks at the DOE have done a terrific job in putting this together and really deserve a big pat on the back. Presentation covered mechanical systems as well as detailed considerations of the Building Envelope. Expanded details in the May newsletter.

The Lab Design Seminar of March 5th has led to some conversations with the folks at NCTR regarding a meeting and facilities tour next year. This would be a great chance for us to see a very sophisticated facility (the new ARL Building). Lot's of very complicated space pressure control applications. Would be interesting. Also would give us a chance at some of the best home cooking around. Those gals at NCTR are the terrific.

Congratulations to Bob Reynolds PE on being selected AHEA president for the upcoming year. Bob is a long time active member of ASHRAE and is currently serving on our committee.

Again, Terry Granderson has set up our next educational outreach seminar. Will be Thursday May 15th @ Pulaski Technical College. Subject will be "System Effect" and will be presented by Ron Spencer PE (Airetech Tulsa) with an assist from Tom Hanlon. A flyer and sign up sheet are on the web site. Terry has mailed 700+ flyers to his contractors and license holders. Should be a great event. Sign up early.

Please take the time to complete the member survey circulated by John Carter. We really need some feedback on the technical presentations and offerings we bring to you. Give us a little direction. Thanks.

April Board of Governors, Officers & Committee Chairmen Meeting Minutes

By John Carter, Chapter Secretary

Call to Order: President Randy Moore called to board meeting to order at 4:30pm at The Little Rock Club on April 1, 2003. Attendees included: Rick Sellers, John Carter, Chance Hollingsworth, Eddie Finley, Tracy Hayes, Mike McClellan, Tom Hanlon, Chris Ahne, Chris Sutton, John Hodoway, James McKinnie, Wade Wetzler, Brett Bolan, Chris Call, and James Dayer.

Old Business: Secretary Carter presented the March meeting minutes and the board accepted the minutes as written. President Randy Moore welcomed Region VIII DRC, Hugh McMillan. Mr. Hugh McMillan stated that tax filing-status is based on a minimum of \$25,000. President Moore will be ASHRAE's delegate at CRC. President Moore also requested attendance for all Grass Root Committee at CRC reporting of PAOE by April 14. President Moore reported on the IAQ Adhoc Committee's recent updates. Rick Sellers then stated that four hours of credit can be obtained for March Continuing Education Seminar.

New Business: President Moore requested a summary of all grass-root reporting information by April 4, 2003 so that he can complete the end of year chapter report for CRC. Mr. Sellers stated that the May Chapter meeting was a tour of the Diamond Bear Brewery. Treasurer Hollingsworth made a motion for Chapter to make \$10,000 research contribution; the motion was seconded by Mike McClellan and then approved by the board. Mr. McMillan informed the Chapter of current society news. Society Management Structure will undergo changes in 2004. Mr. McMillan gave out copies of the proposed changes. A motion was made to co-sponsor the NEBB Seminar on October 10, 2003. The motion was seconded by Randy Moore and then approved by the board. TEGA is co-sponsoring the upcoming System Effect Seminar. John Hodoway reported that research donations are up to \$1500 with a goal of 2003-2003 AT \$31,422. A motion was made to award Lukas Howard and Brian Weir the student scholarships of \$500 each. Mr. John Hodoway seconded, and the motion was approved. Chris Ahne reported that the Chapter received 3 applications for scholarships. Ben Baugher will now be responsible for updates to the website. James McKinnie announced that there would be a history display tonight. The Northwest Section is considering having all its meetings in Springdale.

Action Items:

- 1) Treasurer Chance Hollingsworth will verify Chapter's status, and research it with Trane C.P.A.
- 2) Secretary John Carter to forward 1099-INT from Region VIII account information to Don Harden, 2003 Region VIII Treasurer.
- 3) Alan Hope will update bios of potential award candidates by April 17, and research status of all submissions.
- 4) All parties are to submit articles to Wade Wetzler for May Newsletter by April 21.
- 5) Registration deadline for the Golf Tournament is May 9, 2003.
- 6) Treasurer Hollingsworth will re-invoice all outstanding invoices for the directory.
- 7) Russell Black will publish electronic version of the chapter directory by April 2, 2003.
- 8) Alan Hope to prepare 35 copies of the chapter's nominations for candidates of honors and awards and forward to Randy Moore.

Adjourned: The board meeting was adjourned at 5:45pm.

April Arkansas ASHRAE Chapter Meeting Minutes

By John Carter, Chapter Secretary

Technical Session: None

Call to Order: The chapter meeting was called to order on April 1, 2003 at 6:30pm at The Little Rock Club with 41 members and 11 guests in attendance. President Randy Moore acknowledged Arkansas ASHRAE's past president and other guests. Nominating Committee Chair, Paul Briscoe presented a motion to the Chapter to accept John Hodoway as the incoming treasurer; Mike McClellan seconded the motion and it was approved. Tracy Hayes made a motion to accept revisions to the Bylaws as written; Bill Harrison seconded the motion and the motion was approved. Chris Ahne announced Lukas Howard and Brian Weir as this year's Scholarship Recipients receiving \$500 each; Chris Ahne made a motion to approve the recipients and Mike McClellan seconded it. Tom Hanlon announced that the recent Laboratory Continuing Education Seminar was successful with 22 members and 20 guests in attendance. The upcoming ASHRAE90.1 Seminar is April 17, 2003, and currently, 59 people are registered. On May 15, 2003, ASHRAE, along with ADH, is presenting a seminar on System Effect.

Program: Rick Sellers introduced Mr. Jim Pitts, who recognized and thanked this year's Arkansas ASHRAE President, Randy Moore, for his service leadership to our chapter. After

dinner was served, Mr. Sellers introduced the incoming Programs Chair, John Carter, who asked all chapter members to complete programs questionnaire distributed to all tables in order to receive ideas for next year. Rick then introduced Hugh McMillan, who gave the Chapter an update of the Region VIII and Society activities. Mr. McMillan highlighted the recent President-Elect Seminar. He also promoted the upcoming CRC in Fort Worth, TX. Mr. McMillan then discussed some ASHRAE facts not known by most members. Mr. McMillan then provided some exhortation to encourage members to promote and educate in our own sphere of influence. He wants recruitment to get better for ASHRAE. Mr. McMillan then promoted the "why" of ASHRAE.

Adjournment: The meeting was adjourned at 8pm.

This Month in Arkansas ASHRAE History

By James McKinnie

16 May 1967 - The board met at the Sam Peck hotel, with new officers in attendance. After the social hour and dinner, incoming President Al Davis called the meeting to order. The speaker was Dan Howard from the Industrial Research and Extension Center, who presented on "Tax Avoidance, Evasion and Reducing Income Tax Liability."

15 May 1981 - The chapter met for a golf outing and evening fish fry at Burns Park.

19 May 1981 - The board met at the Sam Peck hotel, which focused on preparation of next year's budget. After the social hour and dinner, Bill Jones presented a technical report on variable volume pumping. A slide show of the golf outing was well received. Ed Schraff of Blass, Chilcote, Carter, Lanford and Wilcox Architects and Engineers presented an overview and status of Little Rock's new convention center.

21 May 1985 - The board met at the Holiday Inn - Downtown to discuss the National Society collecting local dues, meal costs and the Bill Collins fund. After the social hour and dinner, Ernest Medina of Carrier-Arkansas discussed the use of airside economizers in constant volume, single zone units. Bill Harrison of Harrison Trane lead a panel discussion on educating the end user on mechanical systems. Panel members were Doug Reed of John May Mechanical Contractors, Tom Williams of Pickens-Bond General Contractors, Hank Kelly of Flake & Company Realtors, Joe Janowski of Johnson Controls and Sam Cummings of Pettit & Pettit Consulting Engineers.



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

Arkansas Chapter Meeting RSVP Form

ROUTING

Company Name: _____

Phone #: _____ Fax #: _____

Signed: _____

For reservations to the Central Arkansas Chapter meeting fax this form by **Friday, May 2nd** to 501-374-1802 *Attn: Rick Sellers*

MEMBER NAME (PLEASE PRINT)	CENTRAL May 6 th	EATING (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.

May Program Summary

by: Rick Sellers, 2002-2003
 Vice President/Program Chairman



"BEER OF ARKANSAS"

Diamond Bear Brewery Tour

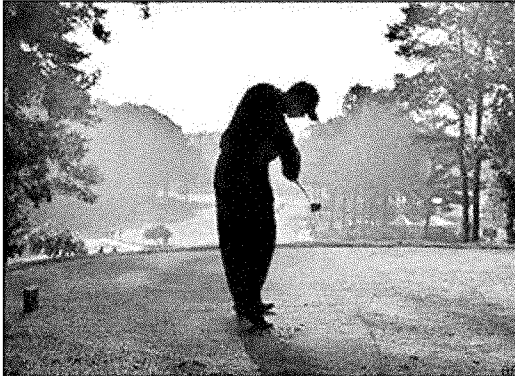
Being the ever inquisitive engineers that we are, have you ever gazed longingly into a glass of your favorite brew and wondered "Gee, I wonder how they make this?". Well this is your chance to tour a real live brewery and see how beer is made. Located at 323 South Cross Street in downtown Little Rock, this promises to be a fun and educational outing. It's been rumored there will even be free samples. Oh yeah, don't forget to check out the 20 deg. Glycol loop cooling the fermenters and the medium temp unit cooling the aging room, after all, this is an official "Refrigeration Night".

Diamond Bear Brewing Company is Little Rock's first production brewery in over 15 years. Diamond Bear started brewing on September 21, 2000, and started distribution on October 17, 2000 with the Flying Saucer (Downtown River Market District) being the first establishment to carry our product. We have since been expanding our market steadily. Our styles of beer are produced in the old time honored traditional methods of European brewers, using only two-row malted barley, hops, yeast and great Arkansas water. Being brewed locally gives the beer a great advantage in "freshness" while still capturing some of the worlds most famous styles of beer without the use of adjuncts or preservatives!

You may be wondering where the name came from. Diamond Bear is brewed in Arkansas which is the only state to have a diamond mine. This is where the first part came from. As for the bear portion of Diamond Bear, Arkansas was once home to a large population of bears. In fact, during the pioneer days Arkansas was known as the Bear State. Therefore, the two were combined to create a name that is distinctly Arkansan, Diamond Bear!

2003 ASHRAE Research Spring Golf Tournament

FRIDAY – May 30th
1:00 P.M. - Shotgun Start
Cypress Creek Golf Course
Cabot, Arkansas



As of today there is one team who has not paid for the fall golf tournament, you know who you are, please pay asap.
 Chris Call, Social Chairman

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.

2002-2003 Chapter Officers

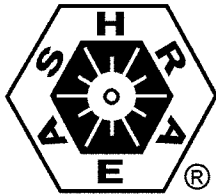
<u>President</u>	Randy Moore	501-280-0404	fax: 280-9200
<u>Vice-Pres.</u>	Rick Sellers	501-374-3731	fax: 374-1802
<u>Secretary</u>	John Carter	501-666-6776	fax: 663-8888
<u>Treasurer</u>	Chance Hollingsworth	501-374-5420	fax: 370-9298

Board of Governors

Eddie Finley	501-374-5420
Doug Bown	501-227-8181
Steve Titus	501-375-1181
Mike McClellan (Delegate)	501-661-0621
Tracy Hayes (Alternate)	501-280-0404

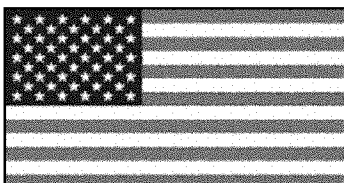
Committee Chairs

Directory	Russell Black	501-327-2409
Membership	Chris Shaw	501-280-0404
Student Activities	Chris Ahne	501-661-0621
Programs	Rick Sellers	501-374-3731
Historian	James McKinnie	501-987-7666
Research	John Hodoway	501-372-2900
Honors & Awards	Alan Hope	501-666-6776
TEGA	Tom Hanlon	501-661-0621
Newsletter	Wade Wetzler	501-753-6652
NW Section	Marshall Moody	479-582-8239
Social	Chris Call	501-663-8886
Reception	James Dayer	501-663-8886
Webmaster	Brett Bolan	501-661-0621



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: _____

For reservations to the Central Arkansas Chapter meeting fax this form by **Friday, May 2nd** to **501-374-1802 Attn: Rick Sellers**

ROUTING

MEMBER NAME (PLEASE PRINT)	CENTRAL May 6 th	EATING (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.

May Program Summary

by: Rick Sellers, 2002-2003
Vice President/Program Chairman



"BEER OF ARKANSAS"

Diamond Bear Brewery Tour

Being the ever inquisitive engineers that we are, have you ever gazed longingly into a glass of your favorite brew and wondered "Gee, I wonder how they make this?". Well this is your chance to tour a real live brewery and see how beer is made. Located at 323 South Cross Street in downtown Little Rock, this promises to be a fun and educational outing. It's been rumored there will even be free samples. Oh yeah, don't forget to check out the 20 deg. Glycol loop cooling the fermenters and the medium temp unit cooling the aging room, after all, this is an official "Refrigeration Night".

Diamond Bear Brewing Company is Little Rock's first production brewery in over 15 years. Diamond Bear started brewing on September 21, 2000, and started distribution on October 17, 2000 with the Flying Saucer (Downtown River Market District) being the first establishment to carry our product. We have since been expanding our market steadily. Our styles of beer are produced in the old time honored traditional methods of European brewers, using only two-row malted barley, hops, yeast and great Arkansas water. Being brewed locally gives the beer a great advantage in "freshness" while still capturing some of the worlds most famous styles of beer without the use of adjuncts or preservatives!

You may be wondering where the name came from. Diamond Bear is brewed in Arkansas which is the only state to have a diamond mine. This is where the first part came from. As for the bear portion of Diamond Bear, Arkansas was once home to a large population of bears. In fact, during the pioneer days Arkansas was known as the Bear State. Therefore, the two were combined to create a name that is distinctly Arkansan, Diamond Bear!



2003 ASHRAE Research Spring Golf Tournament

FRIDAY – May 30th - 1:00 P.M. - Shotgun Start
> Cypress Creek <
Cabot, Arkansas



Entry Fee: \$300.00 per team
Includes cart, refreshments,
and lunch. (served at 12:00)
Each player gets 2 mulligans.

Prizes Awarded for: 1st Place Team
2nd Place Team
3rd Place Team
Longest Drive
Closest to Pin

Lunch: Lunch Provided

Format: 4-Man Team Scramble
Each player must use tee shot on at least (2) holes
Limited to the first 22 teams (first 22 paid play)
Ties will be broken by using score & hole handicaps

Fill out this form and mail or fax to: Chris Call, (501) 663-8738, P.O. Box 3652, Little Rock, Arkansas 72203. All player names and money must be delivered to me by **May 9th**. Any teams received after this date may not get to play. Each team is responsible for replacement players due to cancellations.

Phone: 663-8886 Fax: 663-8738

Player 1: _____

Player 2: _____

Player 3: _____

Player 4: _____ Total enclosed: \$ _____

Checks should be made out to **Arkansas ASHRAE** and mailed with this form.

\$ PLEDGE CARD \$

___ I will sponsor a hole - \$100.00. (Hole sponsors will be recognized by a sign at a hole on the day of the tournament)

___ I will donate \$_____ for prizes & awards.

___ I will donate the following merchandise:
(We need vendors to donate logo golf balls, towels, etc...)

Workers, hole sponsors and prize contributors will be recognized in the ASHRAE newsletter. All proceeds go to Arkansas ASHRAE. Please return this form & checks for contribution to: Chris Call, P.O. Box 3652, Little Rock, Arkansas 72203.

Name: _____ Company: _____

Phone: _____ Fax: _____ Signed _____ Date _____

