



THE RAZORBACK REPORT

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

www.arkansasashrae .org

Volume XIII, Issue V, January 2002

The President's Message

by Tracy E. Hayes

The Arkansas Chapter had another month with close to 100 members and guests attending the Arkansas and Northwest section membership meetings. January's attendance should easily surpass the 100 mark. We have a great program lined up and the Arkansas Chapter meeting will be a joint meeting with the local CSI (Construction Specification Institute) Chapter. Please mark your calendars to attend either Tuesday night, January 8th in Little Rock or Thursday night, January 10th in Fort Smith. See the Program article for more details.

I am proud to report that the Arkansas Chapter is on schedule with the amount of PAOE (Presidential Award of Excellence) points earned to date. And, the Chapter seems to be in the middle of the pack in Region VIII at this point. However, the Chapter still has a lot of work ahead with both PAOE and hosting CRC in late April. The CRC committees are working diligently to orchestrate and promote a fun and entertaining CRC that everyone will be anxious to attend. I encourage you to watch for your registration packets and register as early as possible in order to help the committees plan attendance numbers more accurately.

One of my goals for the chapter this year was to nominate for the grade of Fellow those members that have attained distinction in the HVAC industry and to nominate for the Distinguished Service Awards those who continually serve ASHRAE on the region or society level year after year. These are just two of the honors and awards among awards which are broken down into six categories that ASHRAE offers as an honor and privilege to its members who stand out in the HVAC industry, HVAC technology development or ASHRAE Society in general. The Arkansas chapter has several individuals very active at the Region and Society levels, whom are well over due and deserving of these awards. Alan Hope, our chapter Honors and Awards Chairman, or myself would like to hear from any member wishing to make a nomination or who would like to receive more information on the Honors and Awards Program. Any nomination made by the chapter should be submitted by May 1st for consideration at the Annual meeting. Think about it and let me know who you, the membership, feel should be honored with these Society or Regional Honors and/or Awards. Again, my thanks to all the committee chairs for their efforts to date this year. Please, make sure to read the committee reports for the latest information regarding the various programs and events the Arkansas Chapter will be hosting in 2002. Volunteers from the membership are always welcome, just contact the committee chair and let them know you want to help. Thanks for your support and I look forward to see you on January 8th, 2002.

January Meetings

CENTRAL ARKANSAS

Date: Tuesday, January 8th
Location: Little Rock Club, Regions Building
Cost: \$18.00 / person
Schedule:
4:30 PM Board Meeting
5:00 PM Social
5:15 PM Technical Session - "TEGA Activity Report"
6:00 PM Dinner
6:30 PM Program - "Laboratory Ventilation Design Issues" by: Gregory F. DeLuga, P.E.

Meeting Sponsor: **Powers of Arkansas**

NORTHWEST ARKANSAS

Date: Thursday, January 10th
Location: Sparks Regional Hospital, Ft. Smith
Marvin Altman Fitness Center
Schedule:
5:30 pm Social
6:00 pm ASHRAE Business / Dinner
6:40 pm Program - "Laboratory Ventilation Design Issues" by: Gregory F. DeLuga, P.E.

From the Desk of Historian:

By: Richard Palmer

Greetings and Salutations, I hope everybody had an enjoyable holiday affairs and if you traveled, I hope you had a safe trip to and from your destination of choice. I am coming to inform you that I am in the process of updating our awards banner for the upcoming CRC here in Little Rock. I am asking for your help, if anyone has an award from previous CRC or Annual Meetings please let me know so I can put them on the awards banner for display. Thank you for your help in advance.

I have indexed the archives for the chapter and I am writing articles that will be put into the newsletter and I will submit some to the newspaper for human interest stories. I am writing some articles on the previous Golden Gavel Award winners and the chapter activities at that time. If anyone has any individuals that you think are news worthy, feel free to contact me via e-mail: (richard@riddickeng.com).

December Board of Governors, Officers & Committee Chairmen Meeting Minutes

By: Rick Sellers, Chapter Secretary

Call to Order: President Tracy Hayes called to meeting to order at 10:15 a.m. The meeting was held on December 5, 2001 at The Little Rock Club. Those present were: Tracy Hayes, Rick Sellers, John Carter, John Hodoway, Chris Shaw, Russell Black, Wade Wetzler, Chris Call, Chance Hollingsworth, Brett Bolan, Jim Monk, Richard Palmer, Chris Ahne, Tom Hanlon, Keith Wortsmith, Alan Hope.

President: President Tracy Hayes opened the meeting and stated that all committee chairs must report PAOE points by 12/15/01. President Hayes also stated that all remaining MBOs are due by 12/15/01 and should be forwarded to her. President Hayes then called for committee reports and they were presented as follows:

Vice President/Programs: President Hayes announced that next months meeting is a joint meeting with CSI and the subject is Critical Environmental Control concerning fume hoods and lab environments.

Secretary: A motion to approve the Meeting Minutes as published in the December Newsletter was voted on and passed.

Treasurer: Treasurer John Carter presented the monthly Treasurer's report. The current report reflects the deletion of an old program sponsor as voted on in the November meeting.

Membership: Co-Chairman Chris Shaw proposed a competition for members to recruit new members with the prize possibly being a \$500.00 gift certificate. The prize would go to the top recruiter or be divided in the event of a tie. Co-chairman Shaw is working to finalize the details. Co-Chairman Russell Black announced we have had about a 45% return on the member data mailings. Co-Chairman Black expressed his thanks to James Dayer for his help. Co-Chairman Black also distributed advertising forms for inclusion into the Chapter Roster.

Research Promotion: Chairman John Hodoway announced Research Promotion awards are being presented today to approximately 45 companies and individuals for their contributions last year. Chairman Hodoway also announced the silver coin awards for the top contributors are not here yet but are ordered and will be distributed when they arrive.

Historian: Chairman Richard Palmer apologized for the lack of updates in the newsletter and to the web site. Chairman Palmer announced the new Awards banner is here and will be at CRC.

Honors & Awards: President Hayes announced there are awards available from Society and to contact her if there are nominations.

Student Activities: Chairman Chris Ahne

announced he had made a presentation at UA for 27 students. Chairman Ahne also announced that UA is currently working on a Society Student Design Project

TEGA: Chairman Tom Hanlon announced we need more entries into the Chapter TEGA awards program. Chairman Hanlon announced that the entry deadline in January 3, 2002 and that the entry forms are available on the Chapter web site.

Newsletter: Chairman Wade Wetzler announced that December 23rd would be the deadline for newsletter articles. All grass roots committee chairman are encouraged to have an article.

Social: Chairman Chance Hollingsworth asked for suggestions on a date for the spring golf tournament. After some discussion May 31st, 2002 was decided to be the preferred date.

Reception: No report.

Webmaster: Chairman Brett Bolan announced that the web site has been updated and the new software has more multimedia capabilities. To date 6mb of data has been downloaded and the site has received approximately 150+ hits this month.

CRC: Chairman Keith Wortsmith announced that the budget has been finalized and that the registration fee will be \$215.00 per member or \$200.00 per member if paid early. Chapter members are encouraged to pay early to help with the cash flow. Rick Sellers made a motion for the Chapter to pay the entire amount of the additional \$10 per member being collected by Society to the CRC fund now. The motion was seconded by Richard Palmer and was voted on and passed. The Society loan money has also been deposited into the CRC account.

President: President Hayes introduced Mr. Terry Granderson from the contractors licensing board. Mr. Granderson distributed literature concerning a Consortium for Educational Training. The consortium's mission is to increase the working knowledge of HVACR licensed contractors and to improve installation of HVACR systems. The proposal is to utilize the Arkansas ASHRAE chapter as a means to coordinate and deliver the outreach method. After brief discussion the matter was tabled till a committee can be formed to research the matter further.

Old Business: PAOE reporting must be done by December 15th. A few MBO's are still due.

New Business: After discussion a motion was made by Chris Shaw to eliminate free roster ads for \$1000.00 and above Research Promotion contributors. Russell Black seconded the motion. The motion was voted on and passed.

Adjournment: After no further new business President Hayes adjourned the meeting at 11:10 a.m.

December Arkansas ASHRAE Chapter Meeting Minutes

By Rick Sellers, Chapter Secretary

Call to Order: At 11:22 a.m. the Chapter meeting was called to order with 52 members and 7 guests in attendance. The meeting was held at The Little Rock Club on December 5, 2001. The program began with the Tech Session.

Tech Session: President Hayes introduced current and past Research Promotion Chairmen John Hodoway and Alan Hope. Mr. Hope expressed his thanks for the past support he received as Research Promotion Chairman and encouraged continued participation. Mr. Hope highlighted a few of the Research projects that are being conducted in Arkansas. Mr. Hope than presented the awards for last years contributors with the assistance of Mr. Hodoway. Comfort Systems USA (Arkansas), Inc. was recognized as the top contributor with a \$1,500.00 donation. Twelve (12) companies were recognized with donations of \$1000.00 and approximately 45 contributors in total were recognized.

Program: President Hayes opened the general meeting at 12:00 p.m. President Hayes recognized Social Chairman Chance Hollingsworth who announced the program for next month's meeting and reminded everyone that it is a joint meeting with CSI. President Hayes announced there is a flyer on each table for a CSI sponsored Technical Program with available CEUs. Membership Co-Chairman Russell Black announced there are roster ad forms on each table for the Chapter roster and reminded everyone to return their member data sheets so we will have as accurate information as possible. CRC Chairman Keith Wortsmith reminded everyone that CRC is in April and that registration forms will be available next month. Chairman Wortsmith encouraged everyone to register early and also reminded everyone that the technical sessions will have CEUs available. President Hayes introduced our speaker Mr. Bill Nelson of GLHN Architects & Engineers. Mr. Nelson presented a program entitled "Optimizing Chilled Water Production and Distribution Systems". Mr. Nelson's program began with a review of the basic chilled water variable flow systems; primary/secondary, primary/secondary/tertiary, direct primary. He than presented a case study of the University of Arizona's system and the changes and improvements that have been made there. Mr. Nelson concluded by distributing piping capacity charts and answering questions.

Adjournment: With no further business the meeting was adjourned at 1:00 p.m.

TEGA News

By: Tom Hanlon

Lot's of exciting news this time. Terry Granderson (Arkansas HVACR chief & long time ASHRAE member) has agreed to serve on the TEGA board. Terry will be invaluable with our Government Affairs activities.

Terry has brought to ASHRAE an opportunity for us to expand our service to the industry by taking the lead in some of the technical education across the state. Basically the proposal is as follows:

Mission: To increase the working knowledge of HVACR licensed contractors and to improve installation of HVACR systems.

Objective: To establish an outreach education mechanism to the existing HVACR industry.

Discussion: Utilize ASHRAE – Arkansas Chapter as a means to coordinate and deliver an outreach education effort.

Pros:

- *ASHRAE – Arkansas Chapter is an existing HVACR trade industry consortium where educational credits and data collection criteria are established.*
- *ASHRAE – Arkansas Chapter will benefit from a national organization standpoint by increasing professional education outreach mechanisms. Possible TEGA program.*
- *ASHRAE – Arkansas Chapter would meet the necessary qualifications to access funds through the ADED – Existing Workforce Training Program.*
- *ASHRAE – Arkansas Chapter could provide unlimited access to trade materials, i.e., handbooks, articles, training videos, and satellite downlinks and instruction on wide varied topics that are pre-determined on the national level (and state level) to qualify for CEUs.*
- *Substantially increases access to continued education opportunities to HVACR licensed contractors statewide through the 2 year colleges, technical institutions and/or local dealers.*
- *New linkage for the 2 year colleges to access local professionals to utilize campus' statewide.*
- *Potential increased membership for the ASHRAE – Arkansas Chapter.*
- *Potential fundraiser for ASHRAE Research.*
- *Good public relations by the design engineers offering training for the installers of their designs.*
- *Good tie-in with manufacturers.*

Utilizing ASHRAE – Arkansas Chapter could expedite the outreach educational efforts and provide the basis for an accredited process for licensed HVACR contractors, should continuing education requirements be established by the Department of Health – HVACR Section.

The above proposal was brought to our December board meeting and briefly discussed. Your TEGA committee was tasked to conduct a fact finding meeting and bring a report with recommendations to the January Board meeting. In pursuit of this we have asked the following to serve in the fact finding group. Chris Ahne, Chris Call, Gary Chamberlain (past president of the Uof A system), Terry Granderson, Tracy Hayes, Tom Hanlon, Tom Hunt (Pulaski Tech), Jim Monk and Chris Shaw. We'll probably meet the Wednesday or Thursday after New Years. If you have any thoughts or ideas (pro or con) regarding this matter please contact one of the above. Thanks.

On to the Technology Awards. Have posted the Awards application form and instructions on our Web Site.

A reminder, try to have your entries in by January 4th 2001 @ 5 PM. We hope to begin the judging process the following week at the tech session of the January meeting. **So let's have some entries!!** Will be a great opportunity since this is a joint meeting with CSI. We'll continue to have these short presentations at our February and March meetings. We'll conclude the judging process prior to the April meeting and have the presentation of winners during our President's Night Boat Cruise.

A reminder. If any member or firm does a presentation to a civic or government group we can gain regional credits for the chapter. If you're doing a seminar let us know the details and we'll claim some chapter credit for your efforts. Thanks

HAPPY HOLIDAYS

Research Promotion

by John Hodoway

I hope everyone has had happy and joyous holidays as 2001 becomes 2002. Many thanks to Alan Hope for the job he has done in past years for ASHRAE Research. Alan has the awards that were not presented at the December meeting and will get them to our generous donors from the 2000-2001 year. The Arkansas chapter has qualified for the Full Circle award for 2001-2002 and very soon the RP committee will contact you for your 2001-2002 contribution to ASHRAE Research.



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2001-2002 Chapter Officers

<u>President</u>	Tracy E. Hayes	501-280-0404	fax: 501-280-9200
<u>Vice-Pres.</u>	Randy Moore	501-280-0404	fax: 501-280-9200
<u>Secretary</u>	Rick Sellers	501-834-3320	fax: 501-834-5416
<u>Treasurer</u>	John Carter	501-666-6776	fax: 501-663-8888

Board of Governors

Chris Call	501-663-8886
Jim Monk	501-376-7155
John Hodoway	501-372-9200
Ed Riddick III (Delagate)	501-666-7300
Mike McClellan (Alternate)	501-661-0621

Committee Chairs

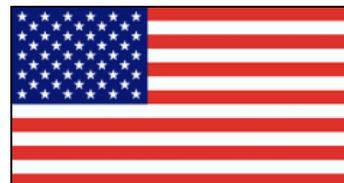
Directory	Russell Black	501-327-2409
Membership	Chris Shaw	501-280-0404
Student Activities	Chris Ahne	501-661-0621
Programs	Randy Moore	501-280-0404
Historian	Richard Palmer	501-666-7300
Research	John Hodoway	501-372-2900
Honors & Awards	Alan Hope	501-666-6776
TEGA	Tom Hanlon	501-661-0621
Newsletter	Wade Wetzler	501-753-6652
NW Section	Marshall Moody	501-582-8239
NW Section	Bill Sharp	501-636-3545
Social	Chance Hollingsworth	501-374-5420
Reception	Eddie Finley	501-374-5420
Webmaster	Brett Bolan	501-661-0621



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

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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 **Friday, Jan. 4th** to 501-280-9200 **Attn: Randy Moore**

For reservations to the Northwest Arkansas Chapter meeting fax this form by **Tuesday, Jan. 8th** to 501-582-4747 **Attn: Marshall Moody**

MEMBER NAME (PLEASE PRINT)	CENTRAL Jan 8 th	NW ARK Jan 10 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.

January Program Summary

By: Chance Hollingworth

Topic: "Laboratory Ventilation Design Issues"

Speaker: Gregory F. DeLuga, P.E.

Organization: Siemens Building Technologies, Inc.

Summary:

This session will focus on new standards' requirements for safe laboratory ventilation and will explain how they impact laboratory ventilation system designs. Details will be provided on how to comply with the new requirements while also minimizing the associated life cycle costs (first costs and energy costs) of the associated ventilation systems. The merits of various ventilation system configurations and control options that are available will be discussed. This session will be especially informative to those responsible for managing and operating facilities that have laboratory rooms.

Speaker:

Greg DeLuga is a Registered Professional Engineer and the Senior Principal Engineer. for critical environments at Siemens Building Technologies. He has over 35 years of industry experience in ventilation system applications for life safety and energy management and has authored many publications on this subject. He's a member of ASHRAE, NFPA, AIHA and serves on several standards committees within these organizations. Greg regularly lectures on designing and controlling ventilation systems for critical environmental applications.

Following is your invitation to the Region VIII Dinner at the ASHRAE Winter Meeting in Atlantic City.
Please RSVP to Bobbie Vermillion no later than January 1, 2002.

Captain Young's Seafood Emporium

Ocean One Boardwalk and Arkansas Avenue
Atlantic City, New Jersey

January 14, 2002

6:30 p.m. Cocktails – 7:20 p.m. Dinner

\$45.00 Per Person

Food Entrées

Broiled Halibut Steak cooked in Lemon, White Wine, and Cracked Peppercorn

Broiled Sirloin Steak - 14 oz. Steak

8 oz. Sirloin Steak and ½ lb. Snow Crab Legs

Pig and Surf Lobster Tail and Barbecue Ribs

Seafood A La Newburg - Combination of Shrimp, Scallops, & Lobster in Creamy Newburg Sauce

Entrées served with your choice of Bowl of Soup or Tossed Salad, Potato, and Choice of Pepper Hash or Cole Slaw.

Desserts

Choice of Homemade Rice Pudding or an Assortment of Pies

Please RSVP to: Bobbie Vermillion

P. O. Box 18269

Oklahoma City, OK 73154

Phone (405) 843-9788 - Fax (405) 843-9780

Please reserve _____ seats for me at the Region VIII Dinner in Atlantic City.

Name _____ Chapter _____

Entrée Selection _____

Payment Enclosed _____ I will pay at Door