Lunch Meeting Scheduled for December

President's Message
By: Steve Johnson

I hope everyone enjoyed the November Chapter meeting. I want to express a word of appreciation to the hotel staff that jumped in to set up additional tables and furnish meals to the members and guests. Having last minute guests is certainly a pleasant “problem” to have. The Marriott staff has been great in their flexibility. Please plan to join us at our December 9th LUNCH meeting. That’s right, I did say LUNCH. Several Chapters in our region have gone to lunch meetings either on a regular or rotational basis. December is usually a difficult month for meeting attendance with holiday parties, open houses, etc. I hope that moving this meeting to lunch time will aid those of you with tight schedules. I believe the panel discussion “Temporary HVAC during Construction and Remodel” will be informative and useful in our workplace. We have an outstanding group of panelists ready to provide information and field your questions. See flyer posted in newsletter for more information. Come armed with your questions. We will also have guests from Associated General Contractors, Associated Builders and Contractors, American Institute of Architects along with Building Operators and Managers of America. Please make them feel welcome. I appreciate their support in promoting this joint meeting of area professionals.

A special thanks to Brian Hamilton and his Resource Promotion Committee. They are off to a good start and plan to have several fund raising activities during the year. There will be vendor “booths” set up at meetings to

(Continued on page 2)
offer members an opportunity to view new products available in the market place. Please plan to donate items to the February RP Auction. Brian will be promoting this soon.

It is not too early to plan your trip to the CRC in San Antonio in April 2005. The Crown Plaza on the River Walk will host CRC meetings from April 14 to 16th. Book your rooms early due to the Festival that is going on in downtown San Antonio at that time.

I look forward to seeing you December 9th at the Marriott Southern Hills.

Steve Johnson can be reached at 270-1414 or johnson.s@mcintoshservices.com

Chapter Technology Transfer
By: Nancy Mack

December Meeting Preview

NEOK ASHRAE in partnership with other construction related professionals in our region recognize the need to jointly address the subject facing all parties involved with construction projects. Recognizing the ever increasing risks in our litigious society it is in our common interest to develop improved methods of project delivery that protect the interest of developers, building owners, designers and consultants, general contractors, mechanical contractors and equipment manufacturers.

Points of Discussion:

- Project planning.
- Document preparation.
- Bidding process.
- Assignment of responsibility to protect systems during early stages of construction.
- Assignment of responsibility to commission systems for use during construction.
- Roles of owner representatives during temporary system operation.
- Responsibility for inspection and final acceptance.
- Warranty implications and risks.
- IAQ Certification prior to occupancy.

Audience participation is encouraged and necessary to maximize benefit for all attendees.

November Meeting Review

The November program speaker was Brent Fullerton of Loren Cook Fan Manufacturing Co. He spoke on variable frequency drives and fans – a systems approach. Proper fan installation and operation is a function of many different factors...with or without the use of a variable frequency drive (VFD). The use of a VFD just adds more factors. More common system items are proper product selection, proper vibration isolation and proper product installation. Some additional system issues with VFD’s are carrier frequency, voltage problems and shaft/bearing currents. The type of fan performance must be matched for application. Different styles of fans have different shapes of fan curves and react differently to changes in CFM and SP.

NEMA’s Application Guide for AC Adjustable Speed Drive Systems contains the following statement:

“The motor and the driven equipment have natural frequencies in the lateral, axial, and torsional modes. When a control is used with a motor, the motor is excited by a spectrum of harmonics originating from the control. This excitation can affect the sound level, vibration level, and torsional response of the entire system by corresponding to the natural resonant frequencies of the motor or the driven equipment. In some cases, the switching frequency may be adjusted to avoid objectionable frequencies. Additionally, some drives can be programmed to exclude or skip frequency bands that cause objectionable mechanical resonances.”

November Tech Session Review

The speaker was Jack Peters. His topic was “Fan Testing and System Effect”. This talk centered around the following question: “Why does a fan, which has been rated from laboratory
Tests in accordance with AMCA Standard 210, sometimes fail to perform up to rating when installed in a system?" This presentation was a synopsis of AMCA Standard 201:2002. This standard is comprised of three primary areas:

- General Information about how fans are tested in the laboratory.
- How fan performance ratings are calculated and published.
- Reasons for the loss of performance when a fan is installed in a system.

Mr. Peters has been employed by Loren Cook Company for 43 years. He has served as Sales Manager, Vice President of Sales & Marketing and is currently employed as the Regional Manager for the Central United States.

History
By: Mike Thompson

This month’s article covers two topics, but they both have a definite connection with Northeastern Oklahoma’s Chapter of ASHRAE. It’s about the 100th Anniversary Celebration of Southern Sheet Metal Works, Inc. and our chapter’s Ron McGill.

The 100th celebration of Southern Sheet Metal Works was held on Friday November 12, 2004. J.W. Tidwell established the company in 1904 as Southern Cornice Works, located at 2nd Street and Boulder Avenue Tulsa, Oklahoma. The company started out constructing sheet metal parts for local buildings. J.W. Tidwell patented the “Counter Balanced Ventilator”. Roof ventilators were the company’s main business, which at that time was the most common way to cool buildings. J.W. Tidwell is the grandfather of the current president Michael Tidwell. Southern Sheetmetal Works is currently located at 1225 East 2nd Street Tulsa, Oklahoma.

This author, having worked at Southern Sheetmetal Works in the early 70’s, noticed as soon as I walked into the shop, the advancements the company has implemented over the past 30 years. When I stepped into the fabrication shop from the office, I noticed nothing seemed to be familiar as many building expansions had changed the building. What once held the duct coil line now holds a custom fabrication department. I noticed the old houses, surrounding the plant, that were purchased prior to my employment were gone. These houses were used for storage and now have been replaced by new buildings, which house the duct fabrication department.

Southern Sheet Metal Works has a motto that if you can produce a drawing, they can produce the product. Southern Sheet Metal Works is one of the premier sheet metal fabrication companies in Tulsa. The company’s commercial and industrial heating, ventilation and air conditioning division accounts for about 50% of their revenue. The specialty sheet metal and specialty copper division accounts for the other 50% of revenue, by fabricating kitchen hoods, bay window dormers and many other quality specialty items.

The company recently completed a ductwork project for the Asbury United Methodist Church in Tulsa. A current fast track project that is soon to be completed is the Cancer Treatment Center in south Tulsa. Other past duct and ventilation projects include Woodland Hills Mall, St. Francis Hospital, the Philcade Building, the Philtower building and the Mid-Continent Tower building.

Ron McGill is currently the Vice President of Southern Sheetmetal and has been with the company since starting his employment as a sheet metal apprentice in 1967. After completing his apprenticeship, Ron moved into the drafting department producing all of the shop and field erection drawings. Ron has served as the project manager on several of the company’s projects. He is a valuable asset for Southern Sheet Metal Works and Northeastern Oklahoma’s ASHRAE Chapter. Ron is another person who has helped the Northeastern Oklahoma’s ASHRAE chapter to be.

(Continued on page 4)
successful. His involvement with the annual golf tournament has helped make this a successful event and last year he served as the chapter Historian. Congratulations to Southern Sheetmetal Works, Michael Tidwell and Ron McGill for all of their success. Thank You Ron from Northeastern Oklahoma’s ASHRAE Chapter, for your dedication and hard work.

Mike Thompson can be reached at 270-1414 or thompson.m@mcintoshservices.com

Membership Promotion
By: Michael Base

Someone recently asked me about the retired status of membership through ASHRAE, so I thought it would be a good time to let the membership know about this category. In order for a member to obtain retired status they must have at least 10 years of ASHRAE membership, must be 55 years of age or older, must be fully retired from “active participation in business”, and must submit a retiree change form to the membership manager. A retired member continues to receive the Journals and Insights publications, but does not receive the annual ASHRAE Handbook. The retired membership status annual dues are $20 per year. If there is someone in need of changing their status to retired, please let me know, and I will get them a form to fill out.

Please welcome the following new members to our chapter: David Miller with Mechanical Reps. Inc., and Eric Gonzalez with TAC Americas.

Please contact me for additional information or applications.

Michael Base can be reached at 836-0271 or lbce@swbell.net

Student Activities
By: Scott Pollard

The first semester of the 2004-2005 academic year is almost over. It is quickly approaching the time for finals. Make sure to encourage all students to finish out the semester as strong as they started it.

We are still having trouble locating a faculty member at OSU-Tulsa that would be interested in helping establish a chapter there. If you have any contacts that you believe might be useful, please let me know.

Scott Pollard can be reached at 250-5590 or scott.pollard@omni-2.com

Resource Promotion
By: Brian Hamilton

Hello, everyone I hope you all had a wonderful Thanksgiving. ASHRAE has sent out newsletters to all ASHRAE Expo contributors and exhibitors. Last years participants included Acme Engineering & Manufacturing Corp. Rae Corporation, John Zink Company LLC and Topog-E Gasket Co. Thank you to those companies and I hope you will participate in ASHRAE expo this year in Orlando.

This February meeting we are going to have a live auction again. I think everyone who participated last year would agree we had a fun time and are looking forward to it this year. If you have not made plans to participate do so. If you made other plans, change them. Participation means simply coming to the meeting, of course any donations of items for the auction will be much appreciated. I am in desperate need of any items to auction off. Call me if you have any idea’s or companies I need to contact for auction items.

Brian Hamilton can be reached at (918) 664-9756 or bhamilton@2boonesales.com

Treasurer
By: Pam Dunlap

MEETING MEALS

When you make reservations, the cost of your meal is still $20.00. If you show up without a reservation the cost will be $25.00. Last chance to purchase a Booster Ticket at a SUPER REDUCED RATE will be December’s meeting: 6 meals for $110.00. Allows “VIP Check-in” and no messing with monetary exchange at meeting time! Over 20% of membership is taking advantage of these sweet deals; don’t be left out.

Pam Dunlap can be reached at 587-4747 or Pbdunlap@matrixae.com
By the time this newsletter goes to print the new directory should be up and running. If you have a valid e-mail address already in the database, you can request that your personal password be mailed to you simply by clicking the “request password” button. If you do not have an up-to-date e-mail listed, contact me by phone or e-mail and I will issue a password.

We have done away with the drop-down menus on both the member and the manufacturers sections and gone to a scrolling format. This allows you to print the directory listings to use as a desktop reference. You can also create a link from your computer desktop to the directory so that one click of the mouse will get you there.

Bill Hanlon can be reached at 622-1500 or wutzpneu@aol.com

Refrigeration
By: Chuck Mayfield

The Milton W. Garland Refrigeration Award is up for grabs again. Maybe you are not familiar with the award or how to apply for the award. Let me explain. The Milton W. Garland Refrigeration Award can be given to either a person or an installation, which highlights a non-comfort cooling refrigeration application which shows innovation and/or new technologies. Refrigeration shall be defined as any mechanically produced low temperature utilization project other than comfort cooling. In general, this will be for food preservation, industrial process, ice rink, etc. All projects must have been completed during the thirty-six (36) preceding months and in operation for at least six months. The Milton W. Garland Commemorative Refrigeration Award is open to all who think their projects or other projects with which they are familiar have achieved some distinction. Projects may be submitted by the designers, architects, engineers, owners, or suppliers. The nominator must inform and have approval from the owner of the installation that the entry may be published. The owner’s name may be withheld for privacy.

If you know of a project that meets these objectives and would like to enter, please contact Chuck Mayfield at 918-624-1005. We have about 3 months to submit and qualify.

Chuck Mayfield can be reached at 624-1005 or Cmayfield@eei-ok.com

November BOG Minutes
By: Dave Lam

Attendees: Steve Johnson, Joel Karstetter, David Lam, Nancy Mack, Mike Base, Bill Hanlon, Paul Mannas, Gene Redford, Paul Roberts, Mary Bowers, Pam Dunlap, Bob Allwein, Jim Waldroop, David King, Darren Stephens, Mike Beda, Keith Browne, Mike Gulizio, and Brian Hamilton.

The Board of Governors meeting was held on November 18, 2004 at Powers of Oklahoma. President Steve Johnson called the meeting to order at 4:35 p.m.

Minutes: The meeting minutes were distributed prior to the BOG meeting. Corrections were collected and will be used to amend the meeting minutes. Bill Hanlon moved to accept the amended meeting minutes and Joel Karstetter seconded.

Treasurer: Pam Dunlap reported that booster ticket sales were going well and should surpass last year’s total.

Newsletter: Joel Karstetter would like articles turned in by November 26, 2004.

Resource Promotion: Brian Hamilton reported he had $3000 left to collect form the golf tournament.

Membership Promotion: Mike Base reported that we have another new member, David Miller. We also have 54 delinquents.

CTT: Nancy Mack reported for David King that the January chapter speaker is ‘iffy’ at this point and is looking elsewhere for a speaker. December chapter meeting will be a buffet lunch at the Southern Hills Marriott and is the panel discussion. AGC, ABC and MCAA will have representatives at the meeting. We are looking into vendor displays for future meetings. Munters will have a display at the December meeting. Still looking for a tech session for May.

Student Activities: Scott Pollard has not located anyone to contact yet at OSU-Tulsa. The Mechanical Engineering department chairman is handling the TU chapter at this time and Scott is working on setting up a meeting with the Student chapter president and the ME chairman.

(Continued on page 6)
Refrigeration: No report

Directory: Bill Hanlon reported that the new format for vendors and members to update their information should be available. Contact Bill to get a password.

History: No report

Attendance: Jim Waldroop reported that all is going well with attendance as we are up in our numbers compared to last year.

Reception: Darren Stephens reported that he is working with Chad Marazas to help make the transition by January. The timeline of Chad’s relocation is key to this happening.

Publicity: Mike Gulizio continues to provide information to the Tulsa World when appropriate.

Website: Paul Mannas wants to redo the web page. He would like to rearrange things and do some shuffling of items in order to free up some space. All were in favor.

Honors & Awards: Gene Redford asked that all help keep their bios updated and reported that he received a lifetime membership award last month.

CRC Action: Bob Allwein passed out up to date PAOE point totals. We look to be in good shape.

Special Events: No report

Nominating Committee: Paul Roberts reported that they would elect potential nominees in December and hope to vote on them in January.

Old Business: Steve Johnson reported that the historical records are more that anticipated and they are trying to decide how to handle them. The committee will meet soon to make that decision. Dan Owens will chair the meeting location committee.

New Business: Steve Johnson received the invite to the Tulsa Engineers Foundation Christmas party. A decision needs to be made as to who will attend. He has passes to the ASHRAE winter meeting in Orlando for anyone who is interested in attending. He will have them with him at the December meeting. The president of ASHRAE will be in OKC for the January lunch meeting.

Meeting was adjourned @ 5:50 P.M.

Meeting was adjourned at approximately 8:00 P.M.

ASHRAE News

Authors Sought for Residential Ventilation Standard Manual

ATLANTA—Authors are being sought to write a manual to help users meet the requirements of ANSI/ASHRAE Standard 62.2-
2003, *Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings*. Standard 62.2 is written in code language with wording that is restrictive, meaning no "accepted practices" or suggested methods were included, according to David Grimsrud, Ph.D., chair of the Standard 62.2 committee. He says the manual "will provide explanations of the standard’s requirements and examples of its application." Bids are due Dec. 15.

Northeastern Oklahoma ASHRAE Chapter Meeting
December 9, 2004, 11:30 A.M.
Tulsa Marriott Southern Hills

Panel Discussion:
Temporary HVAC During Construction & Remodel Projects

Mission Statement:

NEOK ASHRAE in partnership with other construction related Professionals in our region recognize the need to jointly address the subject facing all parties involved with construction projects. Recognizing the ever-increasing risks in our litigious society, it is in our common interest to develop improved methods of project delivery that protect the interest of Developers, Building Owners, Designers and Consultants, General Contractors, Mechanical Contractors and Equipment Manufacturers.

Points of Discussion:

- Project planning.
- Document preparation.
- Bidding process.
- Assignment of responsibility to protect systems during early stages of construction.
- Assignment of responsibility to commission systems for use during construction.
- Roles of Owner representatives during temporary system operation.
- Responsibility for inspection and final acceptance.
- Warranty implications and risks.
- IAQ Certification prior to occupancy.

Audience participation is encouraged and necessary to maximize benefit for all attendees.
Winter Meeting Regional Dinner

ASHRAE Region VIII
Dinner – February 7, 2005
Monday Night
6:00 PM to 8:30 PM

Please RSVP to Art Giesler
Assistant Regional Chair
palatusa@aol.com
(817) 589-9372
Fax (817) 284-1531

Reservations are required

HUMIDIFIERS
C A N T R E L L C O L L I N S A
B E R N O U L L I I J
A A P P
F O M U I
G U I L L E N
T I D W E L L N L T
E I A E R T T Y
R C A R R P
O N A T
S R O B E R T S
U N
F E R G U S O N D

NOV PUZZLE SOLUTION
OIL CAPITAL AIR PUZZLE

Across
5 February Meeting Event
6 Used to size control valves
7 Joint Meeting Association
10 Chair of committee for 12 Across
11 Membership Promotion Article Topic
12 Chapter_________ Transfer Committee
13 Past President of both the OKC and NEO chapters
14 Direct or ________return piping systems
15 Ball, butterfly, ______valves

Down
1 New Member Eric Gonzalez works for
2 New Member from Mechanical Reps. Inc.
3 Grill equipped with a damper
4 Month for Lunch Meeting
8 Secondary coolants
9 Founder of Southern Sheetmetal

www.CrosswordWeaver.com
NEW MEMBER GALLERY

Monte Harnar
Warren

Greg Mitchell
Ferguson Enterprises

Mike Guillen
Process Equipment
Fire Sale
Complete the application below and receive a big discount on your Booster Tickets

NEOK ASHRAE BOOSTER TICKET APPLICATION

Individual Booster Ticket: (Name) _______________________________ $110.00
Individual Booster Ticket: (Name) _______________________________ $110.00
Corporate Booster Ticket: Qty. __________ @ $140.00 $______________
Student Booster Ticket: Qty. __________ @ $140.00 * $______________
Member Promotion: Qty. __________ @ $140.00 * $______________
Booster Ticket:
Student Meals: Qty. __________ @ $20.00 * $______________

Total Amount Paid: $____________________

Company Name: _______________________________ Contact Person: _______________________________
Address: ___________________________________________________________________________________
Phone: _______________________________ Fax: _______________________________

Mail Checks to: Pam Dunlap
C/O Matrix A/E/P
624 S Boston
Tulsa, Ok 74119
Make checks payable to: NEOK ASHRAE

* Tax deductible donation for the benefit of the Chapter
## 2004/2005 Programs

<table>
<thead>
<tr>
<th>Date</th>
<th>Technical Session</th>
<th>Speaker</th>
<th>Main Program</th>
<th>Speaker</th>
<th>Theme and Special Guests</th>
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<tbody>
<tr>
<td>9-Sep-04</td>
<td>Golf Tournament at Clary Fields Golf Course</td>
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<td>Membership Night; Hugh McMillan, Region VIII DRC</td>
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<td>14-Oct-04</td>
<td>Applications of radiant heat in commercial and indus-</td>
<td>Scott Fleet; ReverberRay</td>
<td>Ethics and the Economics of Energy Conservation</td>
<td>William Coad, P.E.</td>
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<td></td>
<td>trial applications</td>
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<td>Coad Engineering Enterprises</td>
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<td>11-Nov-04</td>
<td>Fan Applications</td>
<td>Jack Peters; Cook Fans</td>
<td>Proper VFD Applications</td>
<td>Brent Fullerton; Cook Fans</td>
<td>Research Promotion Night</td>
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<tr>
<td>9-Dec-04</td>
<td>NONE - Lunch Meeting</td>
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<td>Construction HVAC Panel Discussion</td>
<td>Panel of Industry Representatives</td>
<td>Joint meeting with BOMA, MCA, ABC</td>
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<td>13-Jan-05</td>
<td>Modulating compressors</td>
<td>AAON representative</td>
<td>IAQ Litigation</td>
<td>Edward Smith; Esquire</td>
<td>Refrigeration Night</td>
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<tr>
<td>28-Jan-05</td>
<td>NONE</td>
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<td>Special Presidential Visit, in OKC</td>
<td>Ron Vallort, ASH-RAE Society President</td>
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<tr>
<td>10-Feb-05</td>
<td>Research Auction</td>
<td></td>
<td>YTBD</td>
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<td>Research and Spouses Night</td>
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<td>10-Mar-05</td>
<td>Dehumidification</td>
<td>Dave Knebel; AAON</td>
<td>Student Presentations</td>
<td>College Students</td>
<td>Student Activities; Past Presidents;</td>
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<tr>
<td>7-Apr-05</td>
<td>NONE</td>
<td></td>
<td>Plant Tour (Bama or Blue Bell?)</td>
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<td>12-May-05</td>
<td>Radiant Heating</td>
<td>Missouri Heat Representative</td>
<td>Surgical Air Distribution</td>
<td>Leon Kloostera; Titus</td>
<td>Healthcare Facilities</td>
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</table>
Chapter Volunteers

Officers:

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Voice</th>
<th>Fax</th>
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<tbody>
<tr>
<td>President</td>
<td>Steve Johnson</td>
<td>270-1414</td>
<td>270-1414</td>
</tr>
<tr>
<td>President-Elect</td>
<td>Joel Karstetter</td>
<td>665-3974</td>
<td>665-4219</td>
</tr>
<tr>
<td>Secretary</td>
<td>David Lam</td>
<td>747-5328</td>
<td>459-0997</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Pam Dunlap</td>
<td>587-4747</td>
<td>587-8008</td>
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Board of Governors:

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<thead>
<tr>
<th>Name</th>
<th>Voice</th>
<th>Fax</th>
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<tbody>
<tr>
<td>Mary Bowers</td>
<td>665-6600</td>
<td>627-7004</td>
</tr>
<tr>
<td>Bill Hanlon</td>
<td>622-1500</td>
<td>627-7004</td>
</tr>
<tr>
<td>Ron Huntley</td>
<td>663-7883</td>
<td>663-7961</td>
</tr>
<tr>
<td>Nancy Mack</td>
<td>491-6600</td>
<td>491-6985</td>
</tr>
<tr>
<td>Steve Uerling</td>
<td>836-0271</td>
<td>836-0275</td>
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Committee Chairs:

<table>
<thead>
<tr>
<th>Chair Type</th>
<th>Name</th>
<th>Voice</th>
<th>Fax</th>
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<tbody>
<tr>
<td>Attendance</td>
<td>Jim Waldroop</td>
<td>250-5590</td>
<td>459-0997</td>
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<tr>
<td>Directory</td>
<td>Bill Hanlon</td>
<td>622-1500</td>
<td>835-9992</td>
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<tr>
<td>Historian</td>
<td>Mike Thompson</td>
<td>270-1414</td>
<td>270-1444</td>
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<td>Honors &amp; Awards</td>
<td>Gene L. Redford</td>
<td>622-0600</td>
<td>622-0618</td>
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<td>Invocations</td>
<td>Paul Roberts</td>
<td>665-6600</td>
<td>627-7004</td>
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<td>Membership</td>
<td>Michael Base</td>
<td>836-0271</td>
<td>836-0275</td>
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<td>Newsletter</td>
<td>Joel Karstetter</td>
<td>665-3974</td>
<td>665-4219</td>
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<tr>
<td>Programs (Main)</td>
<td>Nancy Mack</td>
<td>877-6000</td>
<td>877-4000</td>
</tr>
<tr>
<td>Programs (Tech)</td>
<td>David King</td>
<td>582-0229</td>
<td>599-0665</td>
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<tr>
<td>Publicity</td>
<td>Mike Gulizio</td>
<td>455-1712</td>
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<tr>
<td>Reception</td>
<td>Darren Stephens</td>
<td>622-4822</td>
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<tr>
<td>Refrigeration</td>
<td>Chuck Mayfield</td>
<td>624-1005</td>
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<tr>
<td>Resource Promotion</td>
<td>Brian Hamilton</td>
<td>664-9756</td>
<td>664-1675</td>
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<td>Special Events</td>
<td>Jerry Beardslee</td>
<td>587-4747</td>
<td>587-8008</td>
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<td>Student Activities</td>
<td>Scott Pollard</td>
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<td>Technology Transfer</td>
<td>Nancy Mack</td>
<td>491-6600</td>
<td>491-6985</td>
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<td>TEGA</td>
<td>David King</td>
<td>582-0229</td>
<td>599-0665</td>
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<tr>
<td>Webmaster</td>
<td>Paul Mannas</td>
<td>664-0312</td>
<td>665-3351</td>
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Committee Chairs (cont.):

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<th>Chair Type</th>
<th>Name</th>
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<tbody>
<tr>
<td>CRC Delegate</td>
<td>Bob Allwein</td>
<td>831-8383</td>
<td>831-8320</td>
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<tr>
<td>CRC Alternate</td>
<td>Cary Pestel</td>
<td>664-9756</td>
<td>664-1675</td>
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Calendar of Events

Important Dates

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<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>June 17, 2004</td>
<td>Board of Governors</td>
<td>Powers of Oklahoma</td>
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<tr>
<td>July 15, 2004</td>
<td>Board of Governors</td>
<td>Powers of Oklahoma</td>
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<tr>
<td>August 19, 2004</td>
<td>Board of Governors</td>
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<td>September 9, 2004</td>
<td>Chapter/Golf Tourney</td>
<td>Clary Fields Golf Club</td>
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<td>September 16, 2004</td>
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<td>February 5-9, 2005</td>
<td>ASHRAE Winter Meeting</td>
<td>Marriott Southern Hills</td>
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<td>April 7, 2005</td>
<td>Chapter</td>
<td>Plant Tour</td>
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<td>April 14-16, 2005</td>
<td>CRC</td>
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<td>April 21, 2005</td>
<td>Board of Governors</td>
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<td>June 26-30, 2005</td>
<td>Annual Meeting</td>
<td>Nashville, TN</td>
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