



The Oil Capital Air

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

Volume LI, Issue 4

Tulsa, Oklahoma

November 2008

Special Points of Interest

- President's Message
- Chapter Technology
- Membership Promotion
- History
- Research Promotion
- Refrigeration
- BOG Meeting Minutes
- Meeting Minutes
- Programs Calendar
- List of Volunteers
- Calendar of Events

Expectations



Dan Owens
Chapter President

President's Message

By: Dan Owens

Michael Jordan once said "If you accept the expectations of others, especially negative ones, then you never will change the outcome." And satirist Alexander Pope said "Blessed is the man who expects nothing, for he shall never be disappointed".

In case you have not noticed, I have used a theme word for the monthly Presidents Message. This month's theme is expectations.

I was out of town on business for our first meeting at the Islamorada Fish

Company, and I understand most of the meeting was great, but a few things did not meet our expectations. First of all, there is a microphone available for our use and this month we expect to use it. And you should expect to see dessert on the buffet this month.

One thing that happened last month, that was unexpected, was that we ran out of food. And one would expect an operation like Islamorada Fish Company (IFC) to have the right amount of food for those attending the meeting. Well, the fact of the matter is that IFC was expecting 43 people and 52 showed up. We had 20 unexpected and 11 no shows. Having more people show up to our meetings is a great thing, but we need to know how many to expect. So please make your reservations by Tuesdays at noon for our Thursday meetings. And remember, if you make a reservation and do not cancel, you will be invoiced. If you do not make a reservation please wait at the end of the line and if there is food left, enjoy!

What should you expect for the rest of the ASHRAE year? Well, if future results are based on past performance, we should expect great programs from Robert Schatz and Jeff Ferguson. So make your reservations to attend November's meeting. John Hamilton will be giving both the Tech Session and the Main program. John Hamilton, CSI,

(Continued on page 2)

UPCOMING EVENTS

November 13th - Chapter Meeting at Islamorada Fish Company at Bass Pro Shop in Broken Arrow

5:00 Cocktails

5:30 Technical Session

6:30 Dinner & Main Program

November 20th - Board of Governors Meeting at Joe's Crab Shack (4:30 pm)



Golden
Gavel
Winner

NOVEMBER CHAPTER MEETING

November 13th, 2008

Islamorada Fish Company @ Bass Pro Shop in Broken Arrow

(Continued from page 1)

currently works for the National Energy Management Institute (NEMI) as Chief Operating Officer of the Testing, Adjusting and Balancing Bureau (TABB). He also serves on the MACNA/SMWIA TAB Taskforce, HVAC Technician Certification Committee, and Commissioning Taskforce, and acts as a liaison on the International Certification Board (ICB) for TABB. Both the Tech Session and the Main program will be in the main meeting room.

On October 12, my Pastor (Tom Harrison, Asbury United Methodist Church) told the congregation the one thing he tells every couple that talks with him before they get married. He tells them to “lower your expectations and raise your commitment”. Your Board of Governors does not want you to lower your expectations, but we plan to raise our commitment and ask you to join us.

And in closing I would like to leave you with a quote from Mark Twain, who once said, “Climate is what we expect, weather is what we get”.

Dan Owens can be reached at 918.270.1414 or owens.d@mcintoshservices.com

**Mark Your
Calendar:
DECEMBER MEETING
WILL BE A LUNCH
MEETING ON WEDNES-
DAY, DECEMBER 10TH.**

**Chapter Technology
Transfer— Main Meeting
& Tech Session Preview**
By: Robert Schatz

We had a wonderful turnout last month to begin our regular meeting year. We enjoyed an informative presentation from Stuart Solomon, Presi-



dent and Chief Operating Officer for Public Service Company of Oklahoma. Mr. Solomon talked with us about the issues facing power companies today and how they are preparing to meet the growing need for power in the future.

This month we are excited to welcome John Hamilton of the Testing, Adjusting and Balancing Bureau. John is the Chief Operating Officer of TABB and



will be joining us from their office in Alexandria, VA. Mr. Hamilton will be giving the tech session this month as well as the main program.

The tech session will be titled “Proportional Balancing,” while the main program is titled, “What you need to know about the energy balance

between HVAC, TAB & Commissioning.” It should prove to be a very informative evening addressing how balancing can affect energy cost of a HVAC system, what TABB does to curtail excess energy use, and how as an engineering firm you can better use your TAB contractor.

The tech session will be located in the main dining room instead of the 2nd floor training room.

I still need ideas and volunteers for our December Panel Discussion at the lunch meeting. We would like to do a “sustainability” themed discussion with local people that are LEED certified that could discuss their personal experiences with the LEED process. Would you like to participate? Do you have another topic that you would like to suggest? Please contact me to discuss your ideas.

Robert Schatz can be reached at 918.836.0271 or Robert.Schatz@leestandbrowne.com

**Chapter Technology
Transfer—Tech Session
Review**
By: Jeff Ferguson

NEOK ASHRAE began the 2008-09 year with a technical presentation from our very own Keith Browne of Browne Consulting Engineers, Inc. The technical session was well attended with approximately 45 in attendance. Keith gave the “rest of the story” in the great debate over global warming.

Much of the data presented by Keith contradicted the mainstream media blitz regarding causes of global warming. Keith emphasized that there have

(Continued on page 3)

(Continued from page 2)

been warming periods in the past and in some parts of the world today ice has reached its highest levels in 15 years. Keith also reviewed the actual causes of earth climate change; ocean currents and solar activity. Keith emphasized that current models for predicting global warming failed to properly account for ocean currents and thus the global warming scientists are now revising their models.



Keith continued by reminding us that good energy efficiency and energy conservation are good things if they make economic sense. However, to address the energy crisis, the free market should be allowed to work finding alternative energy sources by developing new technologies and continuing to develop existing technologies already in place – nuclear power, clean coal, drilling in new areas, new refineries etc. Keith pointed out that many groups, public and private, have much to gain over this issue of global warming, even the design and construction industries. It will take much courage to stand up for the truth in debunking the global warming scam.

Jeff Ferguson can be reached at 918.877.6000 or jferguson@cyntergyacc.com

28 new student members from OSU Okmulgee. Great Job Sam Davis!

Membership Promotion

By: Mike Guillen

We have submitted a few applications and everyone should be on society's books. But we need more new members. If anybody has any applications they need to hand in, just bring them to the next meeting and look me up.

Let's make a big effort this year to greet and talk with all the new members. Let's make sure that everyone is welcomed to our family.

Have a great year and look forward to seeing you at the November meeting.

Mike Guillen can be reached at 918.258.2665 or mguillen@airassurance.com

**To join ASHRAE
contact Mike Guillen
at 981-258-2665**

JOIN ASHRAE

History

By: Gene Redford

The Northeastern Oklahoma Chapter of ASHRAE lost another long time member. J. Neal Watt passed away on October 12, 2008.

Neal Watt was one of our few remaining charter members of this chapter. He was Chapter President in 1953, and was also one of our life members.

Neal was born on December 12, 1921 and worked in the HVAC/Plumbing industry most all of his life. He worked in the family business while growing up and attended University of Oklahoma after high school. Neal graduated with a degree in Mechanical Engineering in 1942.

Neal went straight into the Army and fought his way through North Africa and Italy with the 88th Infantry "Blue Devils." By the end of World War II he was a 24-year-old Major in command of a German POW camp in Northern Italy.

After returning to Oklahoma from Italy, Neal received his Professional Engineering license and took over leadership of Watt Plumbing, Heating and Supply Company. Neal grew the company into one of the major mechanical contracting firms in Northeast Oklahoma. The name Watt has been seen on many Tulsa projects over the years, including Hillcrest Hospital, St. John Hospital and St. Francis Hospital. Neal retired in 1985 on the 75th anniversary of Watt Plumbing. After retirement, Neal founded J. Neal Watt and Associates and continued to provide consulting services until his death. During his consulting career Neal was active in ground source heat pump systems design. At the age of 81 Neal was performing engineering calculations via computer and sending them to his son Alan, who was working on a government project in Djibouti, Africa for the Navy Seabees.

Neal will be missed in our industry. He is survived by his wife of 62 years, Mary Lee. Neal's son Alan and his wife Sherry now live in Orange Park, FL. One daughter, Julie Watt Davidson still lives in Tulsa.

Gene Redford can be reached at 918.270.1414 or redford.g@mcintoshservices.com

(Continued on page 4)

(Continued from page 3)

Research Promotion

By: Chad Smith

With November's meeting being Resource Promotion night, please make every effort to be there. I should have the donor recognition items from Society to hand out for those who made donations last year and I will also provide a little more detail as to exactly where your money goes when you donate to ASHRAE.

On that note, we have collected about 60% of the donations for the flag and hole sponsorships for the ASHRAE golf tournament. Please remember to send in your donation if you agreed to be one of the tournament sponsors. Please remember to make checks payable to "ASHRAE Research." Also, some of you have mentioned that you needed an invoice to present to your companies. If that is the case, please contact me and let me know. We will get an invoice to you as soon as possible. Thank you again and I hope to see you at the next meeting.

Chad Smith can be reached at 918.665.6600 or chad@airetechcorp.com

Refrigeration

By: Mike Kirk

Partnership To Advance Interests of Refrigeration Professionals

From the ASHRAE Insights September 2008 Newsletter:

ALEXANDRIA, Va.—Under a new agreement, ASHRAE and the Global Cold Chain Alliance will work together in a strategic partnership to advance and promote the mutual interests of refrigeration and facility professionals.

Potential collaborative efforts include development of a refrigerated warehouse guide, updating the existing re-

frigeration warehouse chapter and other guidance in the ASHRAE Handbook—Refrigeration, and cosponsoring of research related to refrigeration.

"ASHRAE's involvement in refrigeration began more than 100 years ago, and since that time the Society has been a strong link in the cold chain through our research, education and other technical information," said ASHRAE President Bill Harrison. "Through our agreement with the Global Cold Chain Alliance, we will strive to revitalize refrigeration to better serve the needs of the world. Working together, we must seek the best in refrigerants, efficiency, cost reduction, reliability and energy utilization."

"This signed agreement for Strategic Partnership between the Global Cold Chain Alliance and ASHRAE is an example of the strength of an industry addressing the challenges of a safe and efficient cold chain around the world. ASHRAE members represent a key element in the success of this initiative," said Bill Hudson, president and CEO of the Global Cold Chain Alliance.

September BOG Minutes

By: Rob Teis

Attendees: Dan Owens, Gene Redford, Mike Kirk, Paul Mannas, Chad Smith, Scott Sherwood, Mike Gulizio, Rob Teis, Chuck Mayfield, Mike Beda, Mary Bowers, Bob Allwein, Mike Guillen, Keith Browne, Robert Schatz.

The NEOK Chapter Board of Governors (BOG) was held on September 14th, 2008 at Joe's Crab Shack.

This year's President Dan Owens called the meeting to order at 4:30 PM.

Minutes: Rob Teis received comments & the July 17th meeting minutes were approved as noted.

Treasurer: Mike Gulizio will invoice individuals who sent in an entry form but did not attend the Golf Tourney or Picnic. Mike turned over funds from the Golf Tourney for ASHRAE Research to Chad Smith. Mike will transfer \$1000 to the Meryl Lynch fund for CRC from Process Equipment. Mike thanked Process Equipment for their donation. Filing of taxes was discussed.

Newsletter: Chuck Mayfield needs the Research Promotion & Membership articles for the Newsletter. Articles for the next Newsletter are due October 30.

Research Promotion: Chad Smith reported there were 18 flag sponsorships & 22 hole sponsorships. Including mulligans, a total of \$12,185 was pledged to ASHRAE Research from the Golf Tourney. The cost for flags was \$599.

Membership Promotion: Mike Guillen reported 1 new membership has been turned in. Another has been filled out waiting to be turned in. Others are pending. Mike is planning a second Poker Tournament to benefit the CRC Fund.

CTT / Main Programs: All main programs are full except December which is planned to be a lunch Panel Discussion on the LEED Program. A Will Rogers impersonator will be hired for the February Meeting. The Board approved up to \$150.00 to hire him.

CTT / TEGA, Refrigeration: Mike Kirk reported that he is interested in the Refrigeration Tour being at the BOK Center. Dan Owens has a contact.

Directory: Ryan Crone wants to limit the time period for his no cost maintenance of the on-line directory to 1 year. The Board voted & agreed. Bill Hanlon will write up the revised agreement & obtain the appropriate signatures.

(Continued on page 5)

(Continued from page 4)

Reception: Scott Sherwood will get the badges from Nancy Mack Monday following this meeting.

Publicity: Dustin Searcy will coordinate with the Tulsa Engineering Foundation & Tulsa World concerning publications.

Old Business: None.

New Business: Dan Owens will not be present for the first Chapter Meeting. Chuck Mayfield will host. The Tech Session will be in the Southwest corner of the building. The dinner & main program is downstairs. Times will be the same as last year.

Dan Owens has the Insurance Certificate from Society.

Chad Smith will investigate changing the location of the Golf Tourney with Jerry Beardslee. Southlake was stated as a possible location.

Elliott Electric will donate towards drinks for this year's Golf Tournament.

Dan Owens has submitted a request

for visit by the Society President. His schedule has not yet been released. Our DRC will visit, but the date is not yet known.

The meeting was adjourned at 5:20 pm.

Rob Teis can be reached at 918.382.6134 or robt@aaon.com

October Meeting Minutes
By: Rob Teis

The October NEOK Chapter meeting was held on October 9th, 2008 at Bass Pro Shop in Broken Arrow, OK.

The Technical Session was attended by 45 people. The topic was "The Myth of Man-Made Global Warming", presented by Keith Browne.

The evening was dedicated as Membership Night & Refrigeration Night.

This year's President-Elect, Chuck Mayfield called the meeting to order at 6:30 PM.

All guests & new members were rec-

ognized by Scott Sherwood. Ron Spencer gave the invocation.

The main program was presented by Stuart Solomon, President and Chief Operating Officer for Public Service Company of Oklahoma, and Bobbie Mouser, Director of Customer Services. The topic of the program was "The Growing Cost of Energy."

The meeting was adjourned at 8:20 pm.

Rob Teis can be reached at 918.382.6134 or robt@aaon.com



(Left) Jeff Ferguson, Sam Davis, Jerry Green, Gene Redford and Jim Mitchell visit before dinner.

(Above) Wayne Smith grabs the ribs.



2008/2009 Programs

Date	Technical Session	Speaker	Main Program	Speaker	Theme and Special Guests
11-Sept-08	Golf Tournament at Clary Fields Golf Course	Golf Tournament at Clary Fields Golf Course	Golf Tournament at Clary Fields Golf Course	Golf Tournament at Clary Fields Golf Course	Golf Tournament at Clary Fields Golf Course
9-Oct-08	The Global Warming Myth	Mr. Keith Browne	Rising cost of utilities	Mr. Stewart Solomon — President of PSO	Membership Night; Refrigeration Night
13-Nov-08	Proportional Balancing	Mr. John Hamilton TABB	What you need to know about the energy balance between HVAC, TAB & Commissioning	Mr. John Hamilton TABB	Research and Consulting Engineers Night;
10-Dec-08 (WED)	NONE - Lunch Meeting	NONE - Lunch Meeting	LEED	Local panel	Panel Discussion
8-Jan-09	Energy Management Services - A Consulting Engineer's perspective	Mr. Jeff Hunt	UV Lights— Distinguished Lecturer	Mr. Forrest Fencil	Membership Promotion Night & YEA Night
12-Feb-09	NONE—Spouses Night	NONE—Spouses Night	TBA	TBA	Research Auction; Spouses Night
12-Mar-09	Laboratory Design Overview	TBA	Maximizing energy savings in steam lines	Mr. Jerry Sossamon Spirax	Student Activities, Past Presidents, & Golden Circle Night
9-April-09	NONE—Plant Tour	NONE—Plant Tour	NONE—Plant Tour	NONE—Plant Tour	Plant Tour
14-May-09	TBA	TBA	Lab Exhaust Systems	Mr. Jack Peters Loren Cook	Awards Night; Installation of Officers

The Oil Capital Air

Northeastern Oklahoma Chapter
 American Society of Heating Refrigerating and Air-
 Conditioning Engineers, Inc.
 P.O. Box 54069
 Tulsa, OK 74155-0069

Visit our website at
www.ashrae-neok.org

Chapter Volunteers

Officers:

		Voice	Fax
President	Dan Owens	270-1414	254-1444
President-Elect	Chuck Mayfield	624-1005	624-1006
Treasurer	Mike Gulizio	455-1712	451-1596
Secretary	Rob Teis	382-6134	382-6295

Board of Governors

Robert Allwein		770-5380	
Bill Hanlon		835-8333	835-9992
Mike Beda		664-0312	665-3351
Joel Karstetter		665-3974	836-0275
Keith Browne		258-7460	258-7460

Committee Chairs

CRC Delegate	Dave Lam	250-5590	459-0997
CRC Alternate	Nancy Mack	230-3350	

Committee Chairs (cont.)

Attendance	Scott Pollard	250-5590	459-0997
Directory	Bill Hanlon	835-8333	835-9992
Historian	Gene L. Redford	270-1414	254-1444
Honors & Awards	Gene L. Redford	270-1414	254-1444
Invocations	Paul Roberts	382-6268	382-6295
Membership	Mike Guillen	258-2665	258-9276
Newsletter	Chuck Mayfield	624-1005	624-1006
Programs (Main)	Robert Schatz	836-0271	836-0275
Programs (Tech)	Jeff Ferguson	877-6000	877-4000
Publicity	Dustin Searcy	641-5859	641-5857
Reception	Scott Sherwood	317-3152	250-5419
Refrigeration	Mike Kirk	258-5618	258-2425
Research Promotion	Chad Smith	665-6600	627-7004
Special Events	Jerry Beardslee	587-4747	587-8008
Student Activities	Sam Davis	249-1918	249-9014
Sustainability	Chad Marazas	317-3151	250-5419
Webmaster	Paul Mannas	664-0312	665-3351

Calendar of Events

Important Dates

August 21, 2008.....	Board of Governors
September 11, 2008.....	Chapter Golf Tourney
September 18, 2008.....	Board of Governors
October 9, 2008.....	Chapter
October 16, 2008.....	Board of Governors
November 13, 2008.....	Chapter
November 20, 2008.....	Board of Governors
December 10, 2008 ..WED.....	Chapter <u>Lunch Meeting</u>
December 18, 2008 ..	Board of Governors
January 8, 2009.....	Chapter
January 15, 2009.....	Board of Governors
January 24-28, 2009.....	ASHRAE Winter Meeting
February 12, 2009.....	Chapter
February 19, 2009.....	Board of Governors
March 12, 2009.....	Chapter
March 19, 2009.....	Board of Governors
April 9, 2009.....	Chapter
April 16, 2009.....	Board of Governors
April 23-25, 2009.....	CRC
May 14, 2009.....	Chapter
May 21, 2009.....	Board of Governors
June 20-24, 2009.....	Annual Meeting

Meeting

Location

Joe's Crab Shack
Clary Fields Golf Club
Joe's Crab Shack
Islamorada Fish Company
Joe's Crab Shack
Islamorada Fish Company
Joe's Crab Shack
Islamorada Fish Company
Joe's Crab Shack
Islamorada Fish Company
Joe's Crab Shack
Islamorada Fish Company
Joe's Crab Shack
Islamorada Fish Company
Joe's Crab Shack
Plant Tour
Joe's Crab Shack
Lubbock, TX
Islamorada Fish Company
Joe's Crab Shack
Louisville, KY

