



# *Giga-Joule*

Greenville  
Chapter of  
ASHRAE

May 2004

## *Meeting Announcement*

**This month's meeting will be held on Tuesday, May 18, 2004, from 11:30 AM to 1:00 PM at the Roper Mountain Science Center located at the intersection of I-385 and Roper Mountain Road. For directions, please call Ryan McCleary @ 864-627-9675 ext. 117 or email [ryan.mccleary@york.com](mailto:ryan.mccleary@york.com) or visit [www.ropermountain.org](http://www.ropermountain.org).**

## *A Message From the President*

Greetings to all! Last month's satellite broadcast on "Homeland Security for Buildings", proved to be informative, if not timely in light of today's worldly circumstances. Thank you again to Upstate Trane for hosting the broadcast. In addition, thank you to Ken Clark for arranging the Spring Golf Tournament and raising money for ASHRAE Resource Promotion.



Ryan McCleary  
Greenville Chapter President

With all that being said, we are about to close out another year, and I would like to thank all of you for making this year a success. You and I are both very lucky to have such dedicated group of volunteers working to put on great programs and events for us to enjoy and learn from. I leave you in good hands, as I'm positive that Karl Counts will continue the improvement the chapter has experienced in recent years. Good luck Karl, and thank you for all of your hard work. Karl is currently filling his slate of officers and committee chairs, and I ask that each of you look for a way to contribute and give just a little time to your chapter this year.

This month's program has being long-awaited, as last year our speaker was unable to make our meeting due to Philadelphia's blizzard. Well this year we scheduled her for May, so snow should not be a problem. Ms. Maralynne Flehner, one of ASHRAE's Distinguished Lecturers will present her program, "ASHRAE Member's Survival Guide", discussing ways to limit liability and protect ourselves legally. Everyone needs to come out and see this.

This years Region 4 Conference (CRC) is also right around the corner. The South Carolina Chapter (Columbia Chapter) will be hosting this year's event in Myrtle Beach, August 19-21. Please see the attached flyer for more information. Everyone is invited.

We've got a number of great things going on, but ASHRAE still needs your help. Please volunteer to serve on a committee, or bring someone new to the next meeting. Anything you can do to help the chapter will be greatly appreciated.

If you have any questions or comments, please feel free to contact me.

**Ryan McCleary**  
**Greenville ASHRAE President**

## Chapter Programs



For our May meeting, we are returning to our normal schedule (3rd Tuesday in the month) and location (Roper Mountain Science Center). This is the last meeting of the 2003-2004 year and we will conclude this year on a high note. We have a very special program which should be of particular interest to all practicing engineers. ASHRAE Distinguished Lecturer and Attorney, Ms. Maralynne Flehner, travels from her practice in Pennsylvania to speak to us on the steps we can take to avoid being sued and/or limit our exposure. She will also give us a feeling for what to expect during litigation. This is a hot topic in the engineering community, so spread the word to your friends in other engineering disciplines and engineering managers. Guests are always welcome.

**Date:** May 18, 2004

<b>Time:</b> 11:30 AM	Doors Open
11:35 AM	Lunch Served
11:45 AM - 12:00 PM	Chapter Business
12:00 PM - 1:00 PM	Main Program: The ASHRAE Member's Survival Guide to Risk Management

**Location:** Roper Mountain Science Center

**Speaker:** Maralynne Flehner (visit website for more info)

Maralynne Flehner is a litigating attorney from King of Prussia, Pennsylvania with more than 20 years experience representing corporate and individual clients in state and federal courts and in arbitration proceedings.

**Description:** This general legal education program focuses on legal and non-legal steps that ASHRAE members can take to avoid being sued, and to limit their exposure if they are sued.

The first segment of the program identifies many of the risks that ASHRAE members face (including risks arising out of plans and specifications, cost estimates, site visits, environmental hazards, project delays, changed conditions, and lawsuits), and discusses how members can avoid and limit these risks through the use of contract terms. The program also identifies provisions commonly contained in client generated agreements that should be carefully avoided.

The second segment of the program concentrates on non-legal skills and techniques that can help members avoid litigation. This portion of program discusses problem solving; how to determine when a problem is escalating into a dispute; what to do if you find yourself with a full blown dispute on your hands; when to settle; and how to conduct effective settlement negotiations.

The final segment of the program focuses on the kinds of documents members should always maintain, and the kinds of documents they should never generate; briefly describes what members can expect in litigation; and concludes with tips on how to survive the stress of a lawsuit.

**Cost:** \$10/person - Lunch is included and guests are welcome

**Education Credit:** This program qualifies for 1.0 PDH

Please RSVP to [programs@ashrae4greenville.com](mailto:programs@ashrae4greenville.com) no later than Wednesday, May 12, 2004

Karl Counts

Programs Chairman

## Resource Promotion

Our Spring Golf Outing was a success, raising over \$2,600 for Resource Promotion! We had 54 golfers participate on a beautiful & warm South Carolina Day and everyone had a good time.

Here is a recap of the Winners!

1<sup>st</sup> Place Low Gross Score of 60 (12 under par)  
Bill Bowers\*, Ron Brewton, Bill Caldwell & Terry Kennemore

1<sup>st</sup> Place Low Net Score of 38 (34 under par)  
Karl Grizio, Bill Murray, Danny Clardy & Rob Turner

Closest to the pin: Clay Long & Herb Redick

Longest drive: Chris Kirkland & Bill Knight\*

(\*Repeat Winners from the Fall Tournament; I think these guys are playing too much golf.)

Special Thanks to our sponsors:

Piedmont Natural Gas Company  
Johnson Controls Inc.  
Thermal Resource Sales  
Hahn Mason Air Systems  
Bill Knight

The Copy Spot  
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James M. Pleasants Company  
Trane



In other noteworthy Resource Promotion News: Mr. Jim Critcher has led the effort for an additional Ernie Dowless, Memorial Resource Promotion contribution from Ernie's ex-coworkers at Duke Power. As many of our local chapter members know Ernie Dowless had a long and productive career with Duke Power Company. Together they have raised an additional \$325.00. These donations will be recognized as being made in the name of Ernie Dowless. Thank you Jim and all the fine people at Duke Power.

One final thought! I'd like to appeal to all of our local Greenville Chapter Members, Associates and local Friends to make a contribution no matter how much or how little you can afford to invest. The basic & advanced Research Funded by ASHRAE fuels our industry, the grassroots members all over the world just like You & I. Please take a moment now to make a contribution to support this effort. You can mail a check made out to ASHRAE Resource Promotion to me for processing before May 15<sup>th</sup> at:

Resource Promotion Committee  
C/O Thermal Resource Sales  
120 Halton Road, Suite 20  
Greenville, SC 29607

Or if you'd like to use your Visa, Master Card or American Express please call me at 864-250-2822 or email me at [TRSKEN@BELLSOUTH.NET](mailto:TRSKEN@BELLSOUTH.NET) and I will get you the credit card contribution form.

We are in the final month of our annual campaign and we can make our Chapter Goal with your help.

Ken Clark  
Resource Promotion Committee Chairman

## *Membership*

### **ASHRAE: Joint Meeting with the Mechanical Contractor's Association by Bill Knupp on 03/9/04 [0.5 PDH]**

Attendees at the March meeting were: Karl Counts, Devon Cortwright, Bob Dendy, Warren Maddox, Ed Mathis, Ryan McCleary, Kevin Melton, Mike Pitts, Thomas Shamroe, Richard Collins, John Babson, Jennifer Plourde, Art Brewer, Jim Brewer, Donnie Smith, Ronnie Andrews, Barry Lowe, John Minor, Tom Minor, James Gillespie, Paul Porter, Chris Kirkland, Bob Duke, Patrick Leake, Tom Johnson, Mona Flowers, Rodney Hinton, Steve Abernathy, Scott Arledge, Robbie Stephens, Joe Cain, David Paul, Wilson Paul, Benny Waldrop, Jimmy Champion, Ron Brewton, Karl Grizio, Mark Rosenfield, Bob Landers, Larry Plumblee and Ken Clark.

### **ASHRAE: Homeland Security for Buildings on 04/14/04 [3 PDH]**

Attendees at the April meeting were: John Bindewald, Jack Blankenship, Bill Carnes, Bob Carter, Ken Clark, Devon Cortwright, Jim Critcher, Jay Hannah, Stanley Hix, Clint Hunter, Paul Jensen, Greg Kyzer, Bill Lenker, Jim McCarter, Ryan McCleary, Bill Neel, Dennis O'Keefe, Gary Osteen, James Ridenhour, Mark Schnetzka, Caroll Suttles, Ralph Widmyer, Sandy Covington, David Hall and Mary McInerny.

Thank all of you who have promoted ASHRAE membership this year. The following members joined us so far during this ASHRAE year: Randy Hall, Gary Coster, Scott Rhoads, Robert Simpson, Wilma Barnes, John Corn, Joseph Gawel, John Henson, Larry Thee, John Bindewald Michael Starkie.

Let me know if you have any questions concerning membership or if you would like to be on the membership committee next year.

Caroll Suttles

Membership Chairman

# Greenville Chapter ASHRAE

## 2003-2004 Chapter Officers

Office	Officer	Company	Phone	Fax	email
President	Ryan McCleary	York International	627-9675	627-0953	<a href="mailto:president@ashrae4greenville.com">president@ashrae4greenville.com</a>
Programs/ VP	Karl Counts	Warren Maddox, Inc.	250-2143	233-8460	<a href="mailto:programs@ashrae4greenville.com">programs@ashrae4greenville.com</a>
Secretary	James Bryan	O'Neal, Inc.	298-2148	298-6330	<a href="mailto:secretary@ashrae4greenville.com">secretary@ashrae4greenville.com</a>
Treasurer	Devon Cortright	H2L	233-8844	232-2679	<a href="mailto:treasurer@ashrae4greenville.com">treasurer@ashrae4greenville.com</a>
Membership	Caroll Suttles	Piedmont Natural Gas	233-7966	233-6104	<a href="mailto:membership@ashrae4greenville.com">membership@ashrae4greenville.com</a>
Resource Prom.	Ken Clark	Thermal Resource Sales	250-2822	250-0585	<a href="mailto:resourceprom@ashrae4greenville.com">resourceprom@ashrae4greenville.com</a>
Student Activities	Rob Turner	Wade Crow Engineers	585-9903	585-4528	<a href="mailto:studentactivity@ashrae4greenville.com">studentactivity@ashrae4greenville.com</a>
TEGA	Grey Kyzer	Arcadis G & M	241-5106	235-9062	<a href="mailto:tega@ashrae4greenville.com">tega@ashrae4greenville.com</a>

## Meeting Dates for 2003-2004

**May 18, 2004 – The ASHRAE Member's Guide to Risk Management**

**September 16, 2003 – Control of VAV Systems with DX Cooling**

**October 21, 2003 – Selecting the Right Fan**

**November 18, 2003 – Primary/Secondary vs. Variable Primary Flow Debate**

**January 6, 2004 – Bi-Lo Center Refrigeration Tour/Hockey Game**

**January 20, 2004 – Biotech Facility Pilot Plant**

**February 17, 2004 – Hot Water Boilers and Water Source Heat Pumps**

**March 9, 2004 – Joint Meeting with Mechanical Contractor's Association**

**April 14, 2004 – Homeland Security for Buildings**



**ASHRAE**

Technology for a Better Environment

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ASHRAE**