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FEBRUARY 2008

WWW.ASPE-ATLANTA.COM

2007-2008 OFFICERS

PRESIDENT

STEVE MASTLEY, CPD

T: 770.751.0773 : F: 770.751.9210

president@aspe-atlanta.com

VICE PRESIDENT TECHNICAL

GREG FERGUSON, P.E.

T: 770.436.4846 : F: 770-436-0800

vp-technical@aspe-atlanta.com

VICE PRESIDENT LEGISLATIVE

JOHN ROYDS, P.E.

T: 404.294-5305 ext 121 : F: 404.294-5610

vp-legislative@aspe-atlanta.com

VICE PRESIDENT MEMBERSHIP

CHRISTOPHER ROHLING

T: 770.209.3310 : F: 770.44.4583

vp-membership@aspe-atlanta.com

VICE PRESIDENT EDUCATION

BOB WITT, CPD

T: 770.253.4443 : F: 70.253.9941

vp-education@aspe-atlanta.com

TREASURER

JIM ZEBROWSKI, PE, CPD

T: 678.904.1744 : F: 404.633.3771

treasurer@aspe-atlanta.com

ADMINISTRATIVE SECRETARY

MIKE GAULTNEY

T: 770.490.4001 : F: 678.714.8684

admin-sec@aspe-atlanta.com

CORRESPONDING SECRETARY

JEROD MACKERT, E.I.T.

T: 770.447.5547 : F: 770.448.0262

corresp-sec@aspe-atlanta.com

AFFILIATE LIAISON

JOHN BERTRAND, CPD

T: 404.298.7070 : F: 770.509.3258

liaison@aspe-atlanta.com

CHAIR, BOARD OF GOVERNORS

PATRICK MCCLELLAN, CPD

T: 770.447.5547 : F: 770.448.0262

bog@aspe-atlanta.com

HISTORIAN

TOMMY DAVIS

T: 770.448.3400 : F: 770.448.5107

historian@aspe-atlanta.com

WEBMASTER

JEROD MACKERT, E.I.T.

T: 770.447.5547 : F: 770.448.0262

webmaster@aspe-atlanta.com



**STEVE E. MASTLEY, CPD
PRESIDENT**

Hello members. Last month's meeting was well attended by more than 70 people. Our Inspector's Panel Discussion was lively and a broad range of topics were discussed related to the interface between the plumbing engineer/designer and the plumbing inspector. This has historically been a program that draws a lot of interest and is well attended and this year was no exception.

There were 18 members who took advantage of our "Free Meal for Members" campaign and my hope is that they found value in attending and are planning on returning again this month. It was nice to see members that do not typically attend. The campaign seems to be generating and rekindling interest in the Atlanta Chapter. Many do not realize the hard work that goes into scheduling speakers and hosting the monthly meeting with a two entrée buffet each month during the year. Well attended meetings are gratifying to those few who do the work for the benefit of so many. Thanks Greg Ferguson and the rest of the Board for your dedication to the success of this Chapter.

Joe Messina was the scholarship raffle ticket holder and drew for the jackpot last month but did not draw the winning chip. Half of the total take will be rolled over to this month's drawing. I'm feeling a winning draw this month.

The Board is seeking potential candidates to serve on the Chapter Board of Director's in our upcoming elections in May. If you are interested, please contact Patrick McClellan and he can fill you in on the details and answer any questions you may have.

Plan to join us this month at our February meeting to be held on Thursday, February 14, 2008 at the Holiday Inn Select. Make sure you pre-register particularly if you intend to use your free meal coupon.

Steve E. Mastley, CPD
President



**GREG FERGUSON, P.E.
VP TECHNICAL**

BACKFLOW - FEBRUARY'S TOPIC

Someone gives you two glasses, each containing a clear liquid. Both have no odor. No noticeable particles or floaters. Are both of these water? Are they drinkable? Are they safe? Are they healthy?

We never think about these questions when we turn on our faucet or when we reach down to drink from a water cooler. Why? Because backflow prevention has been designed into the water systems.

Backflow prevention is an issue we need to consider and be concerned about. It is one major factor in assuring the safety and health of the public.

The program for Atlanta ASPE's February meeting will cover this important issue.

Please join us on Thursday, February 14, 2008, when the topic will be Backflow Prevention. Don't miss it. Mark it on your calendar today.

Greg Ferguson, P.E.
Vice President Technical



**JOHN D. ROYDS, P.E.
VP LEGISLATIVE**

Hello ASPE Atlanta.

I hope everyone is getting settled into the New Year. Time sure goes by fast.

The beginning of the year has come and gone which means the 2008 Georgia Amendments to the 2006 International Codes are in effect. All Georgia amendments can be found on the Georgia Department of Community Affairs website at www.dca.state.ga.us.

Over the last couple of months we have looked at the 2008 Georgia Amendments to the 2006 International Plumbing Code and the International Mechanical Code. This month we will look at the 2008 Georgia Amendments to the 2006 International Fuel Gas Code.

As stated in the opening paragraph of the 2008 Georgia State Amendments, "The INTERNATIONAL FUEL GAS CODE, 2006 Edition, published by the International Code Council, when used in conjunction with these Georgia State Amendments and the Georgia State Amendments adopted effective January 1 of 2007, shall constitute the official Georgia State Minimum Standard Gas Code."

There are changes to code references including replacing all references to the ICC Electrical Code with references to the Georgia State Minimum Standard Electrical Code (National Electrical Code with Georgia State Amendments).

There is one code revision included in the 2008 Georgia State Amendments to the 2006 International Fuel Gas Code. The Fuel Gas code is revised as follows:

Add new Section 310.1.1 as follows: 310.1.1 Bonding Corrugated Stainless Steel Tubing (CSST). Corrugated stainless steel tubing shall be directly bonded to the electrical grounding system. The direct bonding connection shall be made with American Wire Gauge (AWG) number 6 copper wire. The copper wire shall be attached to either the CSST fitting or to a segment of rigid piping component connected to a fitting located near the electrical meter using an approved bonding clamp in accordance with the CSST manufacturer's installation instructions. The bonding conductor shall be affixed to either the grounding conductor or electrode using an approved clamp or other approved means of attachment.
(Effective January 1, 2008)

John D. Royds, P.E.
Vice President Legislative



**BOB WITT, CPD
VP EDUCATION**

Greetings Atlanta chapter members.

Cobb County is looking for volunteers to be judges at the science fair February 9th. Call this number to register. 770-426-3300 Contact George Stickel. This is a very rewarding experience and if you haven't tried it yet you are in for a big surprise.

Atlanta Chapter ASPE is now accepting applications for the \$1000 scholarship. Remember that only Atlanta ASPE chapter active members and their immediate family are eligible. Contact me at 770-253-4443 for an application.

Last month we finished off our month's topic on reverse osmosis water. This month is NANO water. This type of water is certainly high tech. It is water that can actually move through solid material. In this case a special plastic that has been treated with a sulphonation process. This membrane can pass water through it {at the molecular level} from one side to another. The process works with water in controlled atmospheres, such as an air conditioned room. If you want to say bring in fresh air without having to deal with all the extra moisture in it, you need to run it through the Dais Analytic Energy Recovery Ventilator to get rid of up to 64% of the moisture that you do not want. The differential vapor pressure (between the outside air stream and the exhaust air stream) forces the water through the membrane without getting wet. Remember that the transfer is happening at the molecular level so the exchanger does not get sopping wet nor has a chance to develop mold cultures. Ever hear of Legionella? Since NANO water is there but isn't, cause you can't like see it or something, you cannot sell it to India for example. India could really use a lot on NANO water because of all their new NANO cars. It's OK though, because those cars are so small, I mean they are so small they could not hold any NANO water anyhow. There are different types of NANO technology.

For now we will stick with molecular water molecule transfer. There is supposed to be a sample of this amazing new technology at the March ASPE meeting at the New Product Table before the meeting. Be sure to stop by and talk with Ryan Doering the NANO technology expert and see how this new product fits into your life. Please do not confuse NANO technology with Mork and Mindy, and NANU, NANU. There are light years of difference.

I forgot what next months topic is, or did I ever really know?

Bob Witt, CPD
Vice President Education

January Meeting



**CHRISTOPHER ROHLING,
VP MEMBERSHIP**

I would like to thank everyone that took the time to make it to our January Meeting. This was one of our most attended meetings in recent history. We look forward to everyone continuing to come to our monthly meetings. I would also like to broadcast again, that ASPE has an opportunity for all of our members. We are giving back to the membership by giving away one free meal to each member during the January to April months. This is a nice opportunity to show up at no cost to you. It is our way of thanking you for your membership. It is also a great opportunity for those who have not come in a while to enjoy one of our meetings. We look forward to everyone attending and bringing a guest.

For all potential new members there is a special ASPE offer that you are eligible for if you fill out your membership form and sign up in the next few weeks. All new members will receive the brand-new Plumbing Engineering Design Handbook, Volume 3: Special Plumbing Systems and as an added bonus, you also will receive PEDH Volume 2 (2005 edition). You must reference promo code 08PEDH on your application to receive this special offer. (Offer is good while supplies last.)

Please take the time to thank the following new members for joining or transferring to our fine organization: Everett Winters (The Southern Company) and Gordy Fredrickson (Jordan and Skala). We are currently tied for fourth place by total membership. Please let me know if you would like to join or know anyone who would like to join our Atlanta Chapter.

If your membership does not show as the Atlanta Chapter, please contact me and we will be glad to change your membership affiliation to Atlanta. This does help in our member count and ensure that you are receiving ASPE information at the correct address.

Also those members who have received information about renewing their membership, please take time to logon to [HYPERLINK "http://www.ASPE.org" www.ASPE.org](http://www.ASPE.org). The ASPE website has an electronic renewal page that is easily accessible from the ASPE homepage. This is the fastest and easiest way to continue your membership. If it is time to renew, please take a quick moment to fill in this information. Please promptly return your ASPE paperwork. It helps reduce the volunteer hours related to updating and renewing memberships. If you have any questions in regards to using the website, please do not hesitate to contact me.

I am always open to new ideas on how to increase participation in the Atlanta Chapter. If you have new ideas in regards to membership or making our local chapter better, please do not hesitate to contact me at 770-715-9415 or at <mailto:rohlince@watts.com>.

Christopher Rohling,
Vice President Membership



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FEBRUARY'S DINNER PRESENTATION

SPEAKER: MICK CARLEY

Mick Carley was born in Atlanta, grew up in Atlanta, and has lived in Atlanta his entire life. He went to Ridgeview High School in Sandy Springs. Then he attended the University of Georgia, where he studied Business Administration, and received his Bachelor's Degree in Business Administration in 1978.



Mick married Beth McDermid in 1979. He and Beth were blessed with a daughter, Caroline, in 1983. In the early 2000s, Mick's wife Beth was diagnosed with cancer. Mick, Beth, and Caroline together fought a tough and valiant battle with the disease until late 2005, when Beth went to be with the Lord.

Mick's industry experience began in 1980 with Spotswood Parker & Company. He advanced from sales to sales management to president of the company. Timing is everything. Mick learned under the great and respected Dick Clary during the 1980s, learning about backflow prevention, pressure regulating, and relief valves.

In 1989 Mick formed Spotswood Associates with Jim Sulko. Spotswood Associates today represents manufacturers throughout Georgia and Alabama. The lines represented primarily cover commercial plumbing, residential plumbing, municipal plumbing, HVAC, and irrigation service applications.

Mick Carley has been a member of ASPE since approximately 1987. He is well recognized for his knowledge of backflow prevention, water protective measures, mixing valves, and pressure and temperature safety devices.

TOPIC: BACKFLOW PREVENTION

The topic for the February 14, 2008, ASPE meeting is Backflow Prevention. The simplest devices for preventing unsafe backflow are check valves, vacuum breakers, and air gaps. There are other devices such as double checks, backflow preventers, and reduced pressure zone (RPZ) backflow preventers. Mick Carley will explain the reasoning behind the need for Backflow Prevention and lead us through the selection and specification process.

Attention All Members!

By "all members", we do mean all members of the Atlanta Chapter. We've got a deal for you. I can almost see the wheels spinning in your heads when you read that. "You have a deal for us? Uh huh. What kind of deal? What do I have to do? Where's the catch?" By now, everybody has learned that, in life, there's no such thing as a free lunch. I'm here to tell you that it's true. So how about a free dinner instead?

The Board of the Atlanta Chapter would like to invite each and every member to have dinner on us. Beginning in January, and continuing through April, you can attend one of those dinner meetings and not have to fork over your \$25. No catches, no tricks – you get dinner and a technical program absolutely free.

How does that work? Okay, here comes the fine print. You do have to be a member in good standing. You'll be receiving a coupon by e-mail, valid for any one dinner for the January, February, March, April, or May meetings. You'll have fill in your membership number, sign the coupon and present it at the meeting. The coupons are non-transferable. They can be used by you and you alone. One last stipulation – you've got to pre-register for the dinner you choose to attend.

That's all that's required to cash in on your free dinner. Pick a meeting. VP Technical Greg Ferguson has a solid line-up of programs in place.

Here is the schedule:

- Backflow Prevention – February 14, 2008.
- Natural Gas Systems – March 13, 2008.
- Sanitary & Storm System – April 10, 2008.
- Chapter Board Elections – May 8, 2008.

We'd like to see each of you at the Holiday Inn Select Atlanta Perimeter soon. The directions are on Page One of this newsletter. The food is always great there. Don't take my word for it, though. Find out for yourself.

Jim Zebrowski PE, CPD
Treasurer



Sales/Marketing opportunities for manufacturers and representatives and engineers.

THE ATLANTA CHAPTER BOARD IS ANNOUNCING FOUR DIFFERENT TYPES OF OPPORTUNITIES FOR REPS AND/OR MANUFACTURERS WANTING TO PROMOTE THEIR PRODUCT LINES:

1 NEWSLETTER SPONSORSHIP: \$100; COMPANY LISTINGS APPEARS IN EACH OF 12 MONTHLY ISSUES.

2 NEWSLETTER INSERT: \$125 SINGLE PAGE INSERT APPEARS IN ONE (1) ISSUE.

3 WEBSITE PRODUCT DIRECTORY LISTING: \$150/LISTING OFFICE.

4 ASPE ATLANTA CHAPTER PRODUCT SHOW: \$500/BOOTH ASPE MEMBERS
\$650/BOOTH NON-ASPE MEMBERS.

5 EMPLOYMENT ADS: \$50/AD.



F E B R U A R Y

Birthdays

Lionel Grindstaff,
Robert Hall,
Kim Honea,
Peter Iannuzzi,
Howard Jack,
Frederick Keeney,
John LaPratt,
Moufdi Louah,
Jerry Loyd,
Ray Maxwell,
Sandra Page,
Jeff Powell,
Mike Sawyer,
Brad Shepherd,
Jeff Tillery,
David Wilson

MEETING TIMES

Second Thursday of each month

SEPT.-MAY, EXCEPT NOV.

- Social 6-7pm
- Dinner 7-7:30pm
- Business 7:30-7:45pm
- Program 7:45-8:45pm

DINNER PRICES

- Members with pre-registration \$25
- Non members/members at the door \$30

Make sure to check out this month's issue of Plumbing Systems & Design Magazine.

For more information, visit their website:

www.psdmagazine.org

thanks to our sponsors

AHA Consulting Engineers
1000 Holcomb Woods Pkwy
Building 200
Suite 290
Roswell, GA 30076
T: 770-992-8585
F: 770-992-6902
E: hensonc@aha-engineers.com

Art Plumbing Company
1847 South Cobb Industrial Blvd.
Smyrna, GA 30082
T: 678-486-2574
F: 770-432-7105
E: david@artplumbing.com

Bradford Sales Co.
2700 Bankers Industrial Dr.
Atlanta, GA 30360
T: 770-448-3400
F: 770-448-5107
E: bradfordsales@bradfordsalesco.com

B & W Mechanical
Contractors Inc.
2920 Pacific Drive
Norcross, GA 30071
T: 770-449-6000
F: 770-441-8230
E: ronnie.farmer@bwmech.com

Cain Sales Co. Inc.
2630 Steve Drive
Atlanta, GA 30340
T: 770-662-0755
F: 770-368-8495
E: cainsales@mindspring.com

C.L. Barr & Associates, Inc.
P.O. Box 352
Buford, GA 30515
T: 770-945-7744
F: 770-945-7005

CUH2A, Inc.
1201 Peachtree St. N.E.
400 Colony Square
Suite 600
Atlanta, GA 30361
T: 404-815-1212
F: 404-815-3107
E: jmessina@atlanta.cuh2a.com

Doherty Pump & Equipment
Suite 400,
4324 Brogdon Exchange
Suwanee, GA 30024
T: 770-614-1199
F: 770-614-1782
E: greg@dohertypump.com

Equipment Controls Company
4555 S. Berkeley Lake Rd.
Norcross, GA 30091
T: 770-441-6400
F: 770-448-7312
E: jonbeam@equipmentcontrols.com

Fitzgerald & Sons Plumbing Co.
P.O. Box 2688
Peachtree City, GA 30269
T: 770-487-8714
F: 770-487-8667
E: trice@fitzgeraldplumbing.com

James M. Pleasants Company
3560 Engineering Drive
Norcross, GA 30092
T: 678-507-1091
F: 678-507-1098
E: dominicr@jmpco.com

Johnson Spellman & Associates
6991 Peachtree Industrial Blvd.
#700
Norcross, GA 30092
T: 770-336-5414
F: 770-246-9042
E: royds@jsace.com

Manufacturer's Link Inc.
16584 Westbrook Rd.
Alpharetta, GA 30004
T: 678-206-0800
F: 678-206-0801
E: bhickman@manufacturers-link.com

Matheson-Ball & Associates
11285 Elkins Rd.
Suite F3
Roswell, GA 30076
T: 770-751-0773
F: 770-751-9210
E: design@mathesonball.com

Medical Equipment Technology, Inc.
5338 Palmero Ct.
Buford, GA 30518
T: 770-271-0232
F: 770-945-6309
E: medgaspro@bellsouth.net

McKee-Nix & Associates, Inc.
1844 Tucker Industrial Rd.
Tucker, GA 30084
T: 770-934-8061
F: 770-934-3233
E: mikenix@mkeenix.com

Peacock Sales Company, Inc.
3683 North Peachtree Rd.
Atlanta, GA 30341
T: 770-451-7905
F: 770-458-3405
E: richard102@peacocksales.com

Perry Crabb & Associates
2987 Clairmont Rd.
Suite 400
Atlanta, GA 30329
T: 404-633-2061
F: 404-634-3771
E: jimz@perrycrabb.com

Pulley & Associates
430 Lovena Drive
Marietta, GA 30067
T: 770-425-0706
F: 770-428-3934
E: jb@epulley.com

Repco Sales of Georgia
211 Rope Mill Parkway
Suite #2
Woodstock, GA 30188
T: 770-591-1800
F: 770-591-4900
E: atchcaptain@aol.com

Spotswood Associates
6235 Atlantic Blvd.
Norcross, GA 30071
T: 770-447-1227
F: 770-447-9591
E: jsulkosr@spotswoodassociates.com

T-Drill Industries, Inc.
1740 Corporate Dr.
Norcross, GA 30093
T: 770-925-0520
F: 770-925-3912
E: dnelson@t-drill.com

