

PYRAMID PRESS

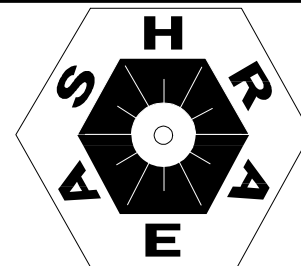
ASHRAE – Memphis Chapter
<http://www.ashraememphis.org/>

March, 2007

**LUNCH MEETING 11:30 TUESDAY,
March 13, 2007**

Meeting Location:

**Kemmons Wilson Center Holiday Inn
3700 Central Ave. in Memphis, TN**



Memphis Chapter Contacts

PRESIDENT:

James Copeland: 224-6805
Cell: 508-4899
Fax: 224-4331

PRESIDENT ELECT:

John Colmer: 761-0885
Fax: 761-2943

**VICE PRESIDENT &
PROGRAMS/CTTC:**

Brent Wiseman: 327-8261

SECRETARY:

David Branham: 937-1720

TREASURER:

Brad Grammar: 685-2371

MEMBERSHIP:

James Fleck 384-8400

NEWSLETTER:

David Kirshner: 433-1900

WEBMASTERS:

Brian Schaffler: 345-6100
Kevin Crosby: 345-6100

COOLING TOWERS & LEGIONNAIRES' DISEASE

**By: Randy Swindle with T. J. O'Brien
and
Dave Dwyer with Clearwater Systems Corporation**

Main Program: Mr. Swindle worked as a water treatment representative with Calgon and Betz (now GEBetz) prior to joining O'Brien Engineering. He has extensive experience with proper cooling tower PM/cleaning procedures and treatment programs (chemical and chemical free) for cooling water systems. O'Brien has been the Marley Cooling Tower representative since 1947, with tower installations in all types of cooling applications.

Clearwater Systems specializes in chemical free water treatment programs for cooling tower, boiler, and fountain systems. Clearwater is active with addressing Legionella concerns in cooling systems in both the United States and Europe.

Earn PDHs/CEUs by attending.
Visitors are welcome.



THE PRESIDENT'S CORNER

The Memphis Chapter's executive committee and its Research Promotion Chair, Chris Ewing, have qualified for this year's Resource Promotion Research Promotion Full Circle Award. Thank you to Chris for his work.

Membership: The following is my understanding of the changes in Membership. In July 2006, the rules changes to drop members that were 6 months late in paying their membership dues.

Month end	JUN	JLY	AUG	SEP	OCT	NOV	DEC	JAN	FEB
Members	223	213	214	228	213	-	215	-	202
Net Change	-10	+1	-9	+14	-15	-	+2	-	-13

We are seeking a volunteers to serve as:
Awards Committee Chairman
At-Large Board Member.

Brian Schaffler asked that all the companies send updates for their info [shown at <http://www.ashraememphis.org/page8.html>]. Let us know any changes to their companies info we will make the changes. They can email any changes to kcrosby@gorhamschaffler.com.

I am looking forward to seeing everyone Tuesday!

James Copeland
Chapter President

COOLING TOWERS & LEGIONNAIRES' DISEASE (continued for Page 1)

Related Links:

<http://spxcooling.com/pdf/guide12.pdf> SPX (Marley) Cooling Technologies]
ASHRAE Guideline 12-2000 - Minimizing the Risk of Legionellosis

[Page 10 of 19] ... The cold water basin of the unit should be cleaned when any buildup of dirt, organic matter, or other debris is visible or found through sampling.

[Page 12 of 19] 7.6.3 Cooling Tower System Shutdown and Start-Up Procedure

Shutdown When the system is to be shut down for a period of more than three days, it is recommended that the entire system (cooling tower, system piping, heat exchangers, etc.) be drained to waste. ... [Some owners choose to use automation to operate the cooling tower pumps and chemical treatment equipment 3 nights at week for 4 hours at a time to avoid having shutdowns longer than 3 days.]

http://en.wikipedia.org/wiki/Legionellosis#Controlling_the_potential_growth_of_Legionella_in_cooling_towers
Controlling the potential growth of Legionella in cooling towers

Removing slim is an effective control process, because up to 1,500 times more chemicals are needed to kill a slim than a free floating bacteria^{[19] [20]}.



THE HISTORIAN

PEOPLE IN MEMPHIS ASHRAE HISTORY

James A. (Jim) Corzine

Jim was born in Memphis, December 2, 1938, and attended Memphis Tech High School, graduating in 1956. He attended the University of Memphis (then Memphis State College).

After one year at the University of Memphis, Jim started his construction career with the Steamfitters Local Union #614 in their Apprentice Program. During the next few years he achieved recognition for his excellence in workmanship with the following awards: Tennessee Apprentice Constant 5th year, First Place; United Association Apprenticeship Contestant, Third Place; attended Specialty Contractor's Training Texas A&M 1967.

After fourteen years in the labor side of the construction industry, Jim started Corzine Mechanical Contractors in 1971. He has been very active in the management side of the construction business as well serving in the followings positions: Memphis Mechanical Contractors Assoc., Past President; Tennessee Mechanical Contractors Assoc., Past President.

Jim has been a member of ASHRAE for years and served as Memphis Chapter president in 1989/1990.

Jim and his wife Patricia (Pat) have two daughters, Melissa Myrick and Michelle Corzine (identical twins). Melissa has three children.

Jim's present venture is James A. Corzine Mechanical Services and Consulting.

Jim has been very active in several civic and church related ventures. He is a member of the Hope Presbyterian Church where he serves as a deacon and Sunday School Teacher.

Thank you Jim for the great example that you have been to so many and for your commitment to your family, church, community and business.

MEMBER NOTICES

ASHRAE MEMBERSHIP GROWTH

Please inform colleagues interested in becoming members of ASHRAE to log on to <http://www.ashrae.org> to fill out an electronic application. Once at the site click on "Join ASHRAE" on the left side of the page then scroll down to the appropriate application for the desired membership grade (This link will take you directly to the membership application selection page - <http://www.ashrae.org/template/AboutLinkLanding/category/1872;jsessionid=aaaglpHers1BeQ>). Also, have each interested colleague go to the Memphis Chapter Internet site (<http://www.ashraememphis.org/page2.html>) and fill out a local chapter application. If the prospective members do not have internet access just have them contact me directly and give me their mailing address for me to send hard copies.

Total dues are \$150 National and \$85 local. Local dues are only \$15 if they will not attend the lunch meetings.

Please feel free to call or write with any questions.

James Fleck, P.E.
(ASHRAE Membership Promotion Chairman)
Gala Engineering
Phone: (901) 384-8400
Fax: (901) 373-2255



OFFICERS & CHAIRS

Continued from Page 1

Research/Promotion	Chris Ewing 901-843-4870
At-Large BOG	Bill Dudley 901-495-3959
At-Large BOG	Rodney Lum 901-682-7727
At-Large BOG	Davie Lloyd 901-937-1720
Student Activities	Russ Fletcher 901-761-0885
Chapter Memorials	Ken Jack 901-324-6610
Awards	--- OPEN ---
Nominations	David George 901-373-5100
Refrigeration	Cyrus Booker
Historian	Jerry Gatlin 901-452-2500
Christmas Party	Jimmy Fleck 901-384-8400
Golf Tournament	David George / Stan Wilson 901-373-5100
CRC 2008 Memphis	Evans Jack 901-324-6610

NOTICES

• ASHRAE Endorsed Events

ASHRAE Annual Long Beach, CA Jun 23-27, 2007

2007 Region VII Chapters Regional Conference in
Huntsville, Alabama. August 23-25, 2007
[Marriott Huntsville on 5 Tranquility Base Drive
The ASHRAE block rate of \$82.50.

Other hotels, and there are many, are .4 to 2 miles away.
This is prime time with Space Camp, etc. going. They will be
sold out.

Rooms are less critical for the Sat workshop attendees. They
come for just the day or one night. Regional, staff and
Chapter Delegates/Alternates are there Wed thru Sat or
Sunday.

• Update your Membership Information

Please update your email, phone #s, and
contact information by logging in at
www.ashrae.org

[http://www.ashrae.org/template/MemberLinkLandi
ng/category/1570](http://www.ashrae.org/template/MemberLinkLandi
ng/category/1570)

Manage Your Membership
Manage Personal Information
Address Changes

The Memphis Chapter Newsletter mailing list
and roster are based on those records.