

Association of Energy Engineers
www.aetarheel.org



Association for Facilities Engineering
www.afechapter68.com



HAPPY EASTER

Meetings-to-date Summaries (Jan.,Feb.,Mar.)

Many thanks to Kathleen Stahl for sharing the Utility Savings Initiative program from the State Energy Office at our January, 2003 meeting.

The February, 2003 meeting saw **Allen Shrum**, a member of the Johnston County School System's Energy Program present a great overview of all the County's automated systems and the successes they have had.

The March 2003 tour of the RBC Center was outstanding and very well attended. You can hear what we learned at our April 14th (Mon.) Meeting.

Wanted: National and Local Members

Several have asked about joining AEE. There are 2 levels of membership, National and local. To join National, go to www.aeecenter.org/membership and you can join national and local memberships. National dues are \$155 and local chapter dues are \$25. If you just want to join the Tarheel AEE, write Bill Gilbert at bgilbert@johnston.k12.nc.us and he will send you a local member application. The national web site gives you all the benefits of being a national member.

EXTENDED Deadline for Engineering Students interested in applying for the AEE

SCHOLARSHIPS. For details contact Darrel Hurlbut, AEE Scholarship Chairperson (919)743 3555 darrel.l.hurlbut@jci.com We need all applications in by April 18th,2003. Thanks.

Slate of Officers

The slate of officers for 2003 include:

Pres.	Jack	AJT05@doc.state.nc.us (919)838 3504
V President	Allen	ashrum@johnston.k12.nc.us
Secretary	Eric	eric_soderberg@ncsu.edu
Treasurer	Bill	bgilbert@johnston.k12.nc.us
Member Chair	Jim	jhaven@nc.rr.com
Program Chair	Darrel	darrel.l.hurlbut@jci.com
Scholar Chair	Walt	walterjohnston@mindspring.com
P President	Bill Gilbert	

CONTROL SEMINAR - APRIL 14TH Meeting

Before you ask, How does Air Control in Hydronic Systems relate to Energy Engineering, We will attempt to fill you in....Have you ever heard a noisy hydronic system? Have you seen the damage caused when a pump "cavitates"? What is the effect of water circulating in your cooling / heating coils? What is the "state of the art"?

Come to the meeting, **Monday, Aril 14th** to find out and learn more. Presentation at exactly 6:30pm

Location: Ramada Inn, Blue Ridge Road

Time: 5:45 – 6:30 PM Social

Program: 6:30 PM

Presenter: **Mr. Mark Bingham of JM Pleasants Co.**

Program: Informative and little known facts which make Hydronic Chilled water/ and Hot Water Systems "SING". Partial Program:

- 1.Function/Selection of Air Separators/Expan.Tanks
- 2.Different Air Control and Air Elimination schemes
- 3.Proper point of connection to a system illustrated
- 4.Design fundamentals for effective air management
- 5.System pressurization and pressure relief

Wanted: Attendees To our Building Systems EXPO on Thursday May 8th, 2003 at McKimmon Center in Raleigh. Presenters include:

Sessions/Exhibitors:

JM Pleasants-Condensing Finned Tube Boiler System Applications and Pitfalls

Eaton's Cutler Hammer- Integrated Lighting Control solutions

Calmac Manufacturing Corp.- Thermal Storage in Retrofit Applications

Intensys Energy Solutions- Sigma/Integrations Platform for the Future

Patton's, Inc.- Efficient Compressed Air Systems

Matt Marshall & Co.- Spirotherm Air & Dirt Elimination

The Trane Company- Performance Based Solutions
State Energy Office, DOA- State Facilities Utility Savings Initiative

Johnson Controls- Greening Buildings: The LEED Program

Co-Energy Group- Geothermal Applications

School Dude- Online Tools for Managing the Workplace

There will be other Exhibitors present including: NC Sound, Inc., American Air Filter, NCSU Industrial Extension Service.

To register, email registration form to: bgilbert@johnston.k12.nc.us or mail to:

Bill Gilbert
EXPO Chair
1175 Loop Road
Clayton, NC 27520

Registrations must be received no later than May 1st.