

Association of Energy Engineers
www.aetarheel.org



Association for Facilities Engineering
www.afechapter68.com

Capital  Association for
FACILITIES Chapter
ENGINEERING

HAPPY February 2004

We cancelled our January 26th, 2004 Meeting because of the weather.

Hope you all continue to drive safely

The Christmas Social

We enjoyed our time at our annual Christmas Social with our wives, husbands, girlfriends, boyfriends this past December 8TH. Our social was held at our usual location, the Ramada Inn on Blue Ridge Road in Raleigh, NC. There was no charge for this social but attendees brought either a child's toy or clothing that was to be given to our charity, The Methodist Home for Children for distribution at Christmas. \$ 300 in cash contributions was also received in lieu of the gift.

President's Latest Message

Our stated goal for this coming year is to increase attendance to the monthly meetings by carefully selecting programs of interest. (So please let's hear from you - do you know of a great way to save energy?...perhaps some of our members would care to share their success stories).

Any organization is only as strong and successful as its members want it to be. My wish is that the chapter will continue to grow strong and responsive and be a vital source for its membership.

Officers for 2004

Pres.	Jack	AJT05@doc.state.nc.us
V President	Darrel	darrel.l.hurlbut@jci.com
Secretary	Eric	eric_soderberg@ncsu.edu
Treas. & Memb. Progr. &	Bill	bgilbert@johnston.k12.nc.us
Scholar Chair	Walt	walterjohnston@mindspring.com
P President	Bill Gilbert	

All membersput this Date on your calendars....FRIDAY MAY 21STYour TARHEEL AEE Chapter will be helping at the Andy Kanas Memorial Golf Tournament Friday, May 21st, 2004 this year at the Riverwood Golf Club (Clayton)

This great tournament will benefit our chosen charity, The Methodist Home for Children. Entry fees are \$ 50 per player which includes golf, beverages, hot dogs, and a meal afterwards. Mulligans may be purchased for \$ 5. Prizes for winners, low gross and net, and door prizes. Sponsors welcome. Look for registration and sponsor forms in our future newsletter. For more info contact Bill Gilbert (919) 550 1790

The topic of our NEXT TARHEEL AEE Program on Monday February 16, 2004 IS:

**SAVING ENERGY THRU NEW TECHNOLOGY
LOOKING AT HOW HYDRONIC FLOW
BALANCE AND AUTOMATIC OR MANUAL
BALANCING AND VFD'S OR IMPELLER
SIZING CAN SAVE SIGNIFICANT ENERGY
DOLLARS.**

In hydronic heating and cooling systems, flow balance to within 10% of design flow rate is important, and required by the NC energy code. Zones getting more flow than required could cost owners in pumping energy, and might starve other zones in the system (causing inadequate heating or cooling). In this seminar, we'll look at the importance of flow balance in detail, and review the balancing devices that are available, including pump triple-duty valves, manual balance valves (e.g. circuit setters), and automatic balance valves. We'll also review pump impeller trimming and VFD possibilities.

The speaker:

Jamie Edmondson has been with James M Pleasants Co serving the hydronics industry for 7 years. He earned BS degrees in Electrical Engineering and Computer Engineering from NC State University.

Monday, Feb. 16, 2004

Presentation: Exactly 6:30pm
Location: Ramada Inn, Blue Ridge Road
Time: 5:45 – 6:30 PM Social