



SEMPPE

South East Michigan
Power Plant Engineers' Society

A Professional Organization for Engineers and Suppliers of the Powerhouse Industry

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September 2010

join us on the web at <http://www.semppes.com>

Volume XIII: Issue IX

SEPTEMBER MEETING

Hosted by

W. J. O'Neill

Presented by

Joe Colleran

Topic

Instrumentation & Controls

Where & When

Date: September 16, 2010

Time

5:30 – 6:30 Social Hour 6:30 Dinner 7:00 – 7:30 Presentation

Place: **O'KELLY BANQUET HALL**

23663 Park Street

Dearborn, MI 48124

Phone : 313-278-5855

okellybanquethall@att.net

Cost: Vendors: \$ 25.00 per person Engineers: \$ FREE per person

PLEASE R.S.V.P. to Dennis Insley dinsley@advnet.net or call

(810) 650-2809 or fax (810)-367-2154 AS SOON AS POSSIBLE

Vendors take an Engineer to Dinner

SEMPPEES wants to help in this economy. We offer Dinners to vendors at \$25.00 or for \$20.00 more bring an engineer to the dinner. The \$20.00 will get the Engineer a year membership to SEMPPEES plus the dinner. The meetings offer great speeches & good food. See you at the next meeting.

2010 Golf Outing Success

The golf outing was a huge success.

Great big round of applause to everybody who attended and helped with the outing.

It was hot but it was fun!

A special thanks to all the companies and individuals that donated there time & gifts.

The following people braved the hot weather and helped with the prize holes:
Joe Genaw (Arrow Pump & Motor), Matt Christie (Nalco), Karen Turner, Rachel Turner, Kailee Fine, Josh Fine, & Jessica Fine.

September Quote

They succeed, because they think they can.

Virgil

President's Notes

There is not much I can say about the Golf outing that has not been said already; it was a financial success for the organization and a chance to meet some nice people. I just wish I were a better golfer so I could have been a little help to the team. I want to thank the R.L. Deppmann Co. for sponsoring my attempt at getting the ball in the little hole.

We are going to have the November meeting on Wednesday Nov. 10th to accommodate the hunters and a conflict at the hall with another group that meets the 2nd Thursday every month. We will see if our members are able to cope with the change.

It is time to think about the next Sergeant at Arms, it has to be an Engineer this year by our bylaws. So if you are interested or would like to nominate someone let one of the officers know and we will present the candidates to the Board of Directors.

I think this is the first year we have filed all the paperwork to satisfy the State and Federal requirements, thanks for the most part to Eric Cameron.

If you have an interesting story for the Chicken soup please submit it to me to include in the newsletter. I have to dig harder to come up with something that might peak the interest.

See you at the meeting.

Al Preis.

Chicken Soup for the Engineer's Soul

De-mineralizer Fiasco.

We had received approval to rebuild one of our De-mineralizer, the project was slightly above \$100,000.00 with the resin costing about \$90,000.00. Our 3 De-mineralizers were each stacked with a Cation bed over an Anion bed with the proper connections and valves to allow for the process and regeneration. We removed the old resin out of both the Anion and Cation beds. The internals of the unit were in good shape, so we rebuilt the anthracite support bed and filled the vessels with the resin beads. The boilermakers buttoned up the manholes and we were done.

One of our operators was asked to fill the unit with water and ready it for service. He promptly opened the hand valve and went back to the control board of the unit and flipped the switch opening the pneumatic service inlet valve. The inrushing water, like a fire hose on a sand pile, cascading into the Cation half of the unit agitated the resin and support bed to the point where all the resin and top layers of the coal washed into the Anion bed. In other words within a couple of minutes he flushed a weeks worth of work and \$100,000 down the drain.

One of the most unpleasant tasks I had to do was go back to the controller for more money to repair the damage. With the help of our water treatment Rep, who incidentally was from Nalco, we found a company which had a large enough column to gently float the resin beads, and owing to the difference in specific gravity, were able to separate the Anion and Cation beads for \$30,000 rather than having to spend another \$100,000 for total resin replacement.

Unfortunately the labor costs involved we had to eat in the operating budget.

The normal procedure for filling the tanks was with a 1 inch line attached to effluent line of each half of the Unit with a small vent line coming off the top of tanks.

Al Preis

Lets Welcome Our New Members

Leonard Pennington from Boilers, Controls & Equipment

If your name was not noted as a new member please let us know and we will add to the next newsletter.

50/50 Winners

1st Place – Mike Carbonaro from Valve Reconditioning*

2nd Place –Mike Wilcox from Macomb Group

3rd Place – Dave Barry

***(donated winnings back to SEMPPEs)**

November Meeting

Edgewood Electric will be the presenters for the month of Nov. 2010. Subject Radio signal lighting Control.

SEMPPEs Members **Used Equipment for Sale**

- 1) One Fulton Boiler Model FB-O5O Year 2000 Gas FD. HS 150 Rated: 2,000,000 btu's input MD lbs Steam/hr. 1725 MAWP 150 PSIG
- 2) One condensate receiver tank (new-seven month old) Fulton 75PSIG @ 750 degree's F
- 3) One water softener MacLean 12 GPM Model 3P983 Max 100 degree's F Max 125 PSIG
- 4) Fulton Blow down tank Year 2000.

All Equipment in very good conditions!

Will sell as a total package or single item also.

Please contact Geoffrey Powers @ The Henry Hotel for any additional information's @ (313) 320-8439.

Buyer must pick-up equipment unless they pay shipping in advance plus \$150.00. mailing charge.

NOTES and COMMENTS

Click for link to 2010 Dues Form: http://www.semppes.com/2010_DuesWebForm.htm

- 1.) Supplier and Engineer Dues are **\$50.00** for suppliers and **\$20.00** for engineers for the year – **2010**
Membership certificates are now available. Forms at
http://www.semppes.com/2010_DuesWebForm.htm

Please pay at the monthly meeting or mail to our Secretary/Treasurer:
Please include your current address and email address.

SEMPPEs, C/O Tim Turner, P.O. Box 2770, Dearborn, MI 48128

When turning in your membership application please include two (2) business cards. Also please be sure to include your email address and web site on the application.

Attention both Engineering and Supplier members – Please check our website; <www.SEMPPES.com> to assure that your name and company is listed under the “members” heading. If not, please email our Webmaster, Dennis Insley, at dinsley@advnet.net and discuss your listing.

Please note the three headings to search by:
a.) Individual name b.) Subject and c.) Company.

All Engineering members are invited to complete and submit their membership information to be included in our club directory and database.

- 2.) If there are any mistakes on your email address/ mailing label please email corrections to dinsley@advnet.net . Also advise us of telephone number and email address changes to help us keep our files current.
- 3.) The membership roster for both engineers and suppliers is available on the website.
- 4.) SEMPPES Hats and Shirts are a great way to advertise our club to both vendors and suppliers. They make excellent gift items also. There are now hats and golf shirts available with the new SEMPPES logo. The hats are \$20.00 and the shirts are \$35.00. The club has new long sleeve denim shirts with the SEMPPES logo, which are now available.
- 5.) Vendors and Engineers are welcome to submit suggestions for future Presentations or Tours for the coming year. Presentations & Tours are a great way to introduce the club membership to new technologies, new products or ideas, and to help educate and update us with "what's new" in our industry. They are a truly valuable benefit of SEMPPES membership.

"Help wanted" and "Situations wanted" is another service available to club members. Notices can be published in our newsletter and on the SEMPPES's website.