



SEMPPE

South East Michigan
Power Plant Engineers' Society

A Professional Organization for Engineers and Suppliers of the Powerhouse Industry

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May 2010	join us on the web at http://www.semppes.com		Volume XIII: Issue V

MAY MEETING

Hosted by

LaSalle Electric

Presented by

Robert Marshall

Topic

High Efficiency Electric Motors

Where & When

Date: May 20, 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 SEMPPES plus the dinner. The meetings offer great speeches & good food. See you at the next meeting.

The 2010 Twentieth Annual Golf Outing

The Lakes of Taylor Golf Club

On Friday - August 13, 2010

Go to **SEMPPEES.com** web site for Registration Form

Payment can be made with Credit Card or Check

Must have Registration Form filled out with payment

Last year was sold out. Don't wait sign up now and reserve your spot!

Great Times & Great Weather are predicted!



May Quote

Don't buy a new putter until you have had a chance to throw it at least once.

Unknown Author,

President's Notes

April_meeting_was a great success; we had a real good turnout. Bob Aben is always a good speaker. He generates a lot of interest and a little frustration, which in his case is

misdirected, he is only the messenger. Don't forget about his retirement party!

I am looking for stories for Chicken soup, so if anyone has a tale to tell I would be happy to accommodate as I am running short of interesting stories.

This month is the last meeting before the Golf outing in August, let's make sure it is another hit.

Please everyone RSVP to Dennis for the next meeting, it makes it much easier to have the hall ready for us.

See you at the meeting.

Chicken Soup for the Engineer's Soul

No. 1 Powerhouse High Pressure Feedwater Manifold Leak.

I received a call about 9:00 p.m. on a Friday from the Chief Engineer on duty notifying me that the 1600-psi Feedwater header was spraying water out through the insulation between the Feedwater take-offs for No. 5 Boiler. The leak was close to the Header division valve between No. 3 and No. 5 Boiler. Whatever the weekends plan was, it was changed and I asked the Afternoon shift to take No. 5 Boiler down.

I was already scheduled to work the midnight shift from 11:00 p.m. to 7:00 a.m. so I just went in early. I had expected to see a pressure tap for gauge line or something similar to the cause, but what I saw scared the hell out of me. The water had soaked the insulation, some of it had fallen off and the hole was in the 8 inch header, which incidentally had been installed 60 years before. Our header was tied together with 6 Boiler Feedpumps discharging into it at various points and 5 Boilers tied into the header.

No. 5 Boiler Drum pressure was down to about 900 psig so we started to prepare for the eventual shut down of that section of header, No. 5 Boiler Feedpump which discharged between the division valves isolating No. 5 Boiler was shut down and replaced by another pump. The north Division Valve was closed and once the boiler pressure dropped to about 500 psig we closed the south division valve. This action reduced the Feedwater pressure on the isolated section and No. 5 Boiler to 750 psig, the pressure we maintained through the Booster pumps to the boilerfeedpump suction.

You cannot imagine the relief I felt when that part was completed. Not knowing why the leak occurred or if there was a crack that would propagate. The loss of the header would have meant that all Boilers on line would have to come off line and fires out immediately. We would not have had enough personnel to perform the tasks without some major equipment losses.

We eventually secured the header section and Process Power Piping came in and replaced the damaged section.

I also got a surprise when I saw the “T” that was installed in the line, it turned out to be a block of steel that had been bored for the 3 Pipe connections. The header and valves were installed in the late 1929’s early 1930’s and that was the technology available at that time.

Al Preis

50/50 Winners

Brian Boggs - Linc Group

Roger Jenkins - DTE

Bruce Roberts - Ford Motor Co.

Lets Welcome Our New Members

Michael Barber – Excel Inspection Service

Kevin Bennett – New Doctors Medical Center

Adam Bush – Linc Mechanical

Angela Childs – Metro Airport

Kevin Coakley – Linc Mechanical

Richard Hanovich – Beaumont Services Company

Roger Jenkins – DTE Energy

Dwayne Kubacki – Detroit Diesel Corp.

Bob Marshal – Lasalle Electric

Bill McQuade – Pipe Systems Inc.

Michael O’Herron – HVAC Student

Mike Pepper – U of M Central Power Plant

Stanley Pientak – Detroit Diesel Corp.

Fred Reddig – Oakwood Hospital

Adam Rozek – Detroit Country Day School

Don Schmid – Ford Motor Co.

Jeffrey Smith – Beaumont Hospital, Grosse Point

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

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.