



1999-05 OFFICERS

Chairman

O. J. Brouillette
618-4423 (O)
618-4330 (F)

Vice-Chairman

Treasurer

Monty LaCour
297-3006 (O)

Recording Secretary

Monty LaCour

Publicity Secretary

Monty LaCour

Web-site Manager

Al Jolissaint III
268-5958

Newsletter Editor

O. J. Brouillette

IAS Chapter Chair

Wayne Gordon
272-4677(H)
281-3821(C)

PACE Chairman

Vacant

Membership Chairman

Monty LaCour

Student Liaison

Vacant

Student Activities

Co-Chairman

LSU- Dr. Ahmed El-Amawy
SU-Dr. Pradeep Bhattacharya

Chairman's Message

The last meeting was in May and we had twenty members, and three guests, in attendance. The presentation was titled "Variable Speed Drives; operation, construction, application problems and solutions. The presenters were Mr. Douglas H. Obee with ACC, Inc and Mr. Todd Thompson with Yaskawa Sales in Nacogdoches, Texas. Mr. Obee discussed motor and load characteristics as they apply to variable speed drives and Mr. Thompson discussed major drive applications and their solutions. This included long cable length, over voltage, bearing currents and electrical noise. The meeting ended at approximately eight fifteen. Overall it was very good meeting and I appreciated the information presented at the meeting.

If you look at the upcoming agenda, you will see that we have meetings lined up through the end of summer, not counting July that will have no scheduled meetings. We (and I mean new Volunteers) (THANKS) are working to fill in a couple of open dates in the fall. Comments and leads are welcome. If anyone knows of a contact for Professional Ethics presenter, contact me. I think that the ethics requirement is only required every two years.

If anyone has a problem with the new schedule starting in August, contact Monty or me at your convenience. We appreciate the input and help that helps the Section.

I appreciate that the LSU student Section has contacted us as to the upcoming officers for next year. I will input this information in the next Newsletter. Anyone who may be interested in attending or presenting a presentation to the students would probably be appreciated. Contact me or Monty or the LSU student Section. Thanks.

You may have noticed on the upcoming agenda below, that we are changing the meetings to the SECOND THURSDAY of the month starting in AUGUST. We have had request to have more meetings and by changing to the second Thursday of the month allows us to have two additional meetings a year. Let me know if anyone has any problems with this arrangement.

UPCOMING AGENDA

- June 22, 2006 Medium or high voltage switchgear (Powell)
- August 10, 2006 Meeting IEEE 519 when applying MV AC Drives (Rockwell)
- Sept. 14, 2006 Open for now
- Oct. 12, 2006 Multin Relay Presentation (ACC)
- Nov. 9, 2006 Open
- Dec. 14, 2006 Open

Your input is still/always needed for future programs. Please contact any Section Officer or email me at o.j.brouillette@ieee.org. You may call or drop a line to me (see RSVP phone number or return address) with a topic and a potential presenter or point of contact, and we will try to arrange a meeting, which will be of interest to you. We will try to give plenty of advance notice of the meetings so that you can arrange your schedule to attend the meeting(s) that interest you. Remember to attend the meeting and receive a Certificate of Completion for Professional Development Hours (PDH's).

"Your attendance promotes our voluntary efforts."

O. J.
Section Chairman

MEETING NOTICE

Date: Thursday, June 22, 2006

Time: Social.....6:00 P.M.

Place: **Cathouse West Formally Avoyelles Cafe'**

Dinner (\$15.00 members/

333 Third St. (upstairs)

\$18.00 non-members)...6:30 P.M

A NEW MEETING PLACE

Speaker Presentation6:30 P.M.

CONTINUING PROFESSIONAL DEVELOPMENT

Joint meeting IAS & IEEE Professional Presentation

How breakers Work to Interrupt Current

ANSI Standard MV Circuit Breaker Ratings and Switchgear Sizing

ABSTRACT of PRESENTATION

The discussion includes overview of circuit breaker technology, how breakers are rated, proper sizing of circuit breakers and switchgear. We will discuss the design criteria of the IEEE standards from a manufactures point of view. We will review what make a 15 kV circuit breaker different than a 5kV, how is the equipment designed differently for 1200 A vs. 3000A continuous current ratings and what do the 5 different short circuit ratings mean and how are they applied.

Note: This presentation covers three topics and takes approximately 1-1/2 hours.

BIOGRAPHICAL DATA of PRESENTER

Mr. Jim Bowen

Current Company and Years of Service:

Powell Electrical Mfg. Co., 8 years of service

Prior Company Information:

18 years with Exxon -- industrial power engineering, maintenance, and start-up experience

3 years with SIP Engineering-- industrial power engineering, and design experience

College Degrees:

B.S.E.E. (1976) from Texas A&M University

Work Background:

During his experience with Exxon he worked in all facets of Electrical Engineering involved with the petrochemical process. He had responsibilities as a maintenance engineer, project design owners engineer, construction follow-up and commissioning engineering activities on several large projects including Co-generation, High Voltage Gas Insulated Switchgear, large variable speed drivers, and various other grass-root projects. He also held the post of the Regional Engineer for Exxon Chemicals Europe for three years.

At Powell Electrical Mfg. Co. Jim holds the post of Technical Director. As Technical Director he provides leadership, training and mentoring in the utilization of equipment rated 38 kV and below. He authors the Powell Technical Briefs a popular 1 to 3 page article addressing technical problems commonly found in the Electrical Power work place.

IEEE/PCIC Contributions:

Co-Author, Pulp & Paper Conference Paper

A Comparison of IEC and ANSI Switchgear Standards

Author, PCIC

Substation Commissioning Planning

Co-Author, Paper PCIC-98-22

Do You Want To Put All Your Relay "Eggs" in One Basket?

Co-Author, Paper PCIC

Is Selectivity Achieved in Critical Low-Voltage UPS and Standby Generator Power Circuits?

Co-Author, Paper PCIC

Modeling of the Pressure wave associated with Arc Faults

C0-Author, Paper PCIC

Medium voltage Replacement breaker Projects

C0-Author, Paper PCIC

The Modern Smart Industrial Substation

C0-Author, Paper PCIC

An Integrated Approach to the Secondary Selective Substation

PCIC Safety workshop presenter:

- Safety by design,

- High resistance grounding

IEEE IAS Safety Workshop

-2003 Registration Chair

-2004 Technical Program Chair

Licenses:

P.E. in Texas

VISIT THE BR SECTION WEBSITE

http://www.ewh.ieee.org/r5/baton_rouge/

Ramblings and etc.

The dinner for student members is half price.

Remember...meeting is at Cathouse West Formally Avoyelles Cafe' in the upstairs area. See you there.

The 2006- 07 Officers of the IEEE LSU Branch.

Chair:

Vice-Chair:

Secretary:

Treasurer:

Counselor: Dr. Ahmed El-Amawy

Robotics Committee Co-Chairs:

The 2006- 07 Officers of the IEEE SU Branch.

Chair:

Vice-Chair:

Secretary:

Treasurer:

Counselor: Dr. Pradeep Bhattacharya

Robotics Committee Co-Chairs:

RSVP to 225.618.4423 (O.J.) or to Monty) by June, 22, 2006 by Noon.

IEEE JOB SITE*

www.ieee.org/jobs