



INDUSTRY APPLICATIONS SOCIETY

PULP & PAPER INDUSTRY COMMITTEE

MINUTES of the
INTERIM FULL COMMITTEE MEETING

2004 PPIC COMMITTEE MEETING
Adams Mark Hotel, Jacksonville, FL
Monday October 25, 2004

IEEE/IAS PULP & PAPER INDUSTRY COMMITTEE

FULL COMMITTEE MEETING

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**IEEE/IAS PULP & PAPER INDUSTRY COMMITTEE
INTERIM MEETING
MINUTES OF THE FULL COMMITTEE
ADAMS MARK HOTEL, JACKSONVILLE, FL**

OCTOBER 25, 2004

WELCOME AND INTRODUCTIONS

Rory Johnson called the meeting to order at 1:32 PM. He welcomed everyone to Jacksonville and the Interim committee meeting. He then asked everyone in turn to introduce him or herself. Allan Lowe circulated a meeting sign in sheet and asked all attendees to indicate their presence. He also circulated the committee roster for people to make corrections.

SECRETARY'S REPORT

Dave Durocher reported that Blake Lloyd distributed the full committee minutes from Victoria. A motion to approve these minutes as posted was accepted. A permanent web site was used to distribute the minutes and no members reported difficulty in finding the site, or the minutes. A reminder with the URL and passwords will be sent out with these minutes.

EXECUTIVE COMMITTEE REPORT

Dave Durocher reported that 16 members were in attendance at the Executive Committee meeting. The meeting was held on Sunday evening and resulted in a good discussion on the issues facing this group including conference format and attendance. Select revisions to the Operating Guide were discussed surrounding clarification of awards chair positions and alignment of presentation formats with the existing Author's Guide. Dave Durocher will draft and submit proposed revisions to the Executive Committee for review and approval during the Jacksonville Conference.

2004 VICTORIA CONFERENCE CLOSEOUT REPORT

Blake read from final report write-up from Mark Weaver. The conference was a successful event from a membership standpoint. Conference is not yet closed, audit is not yet complete. Estimate loss of \$2K CAN. This includes expenses of about \$28K on website set-up. Small vendors were happy with the trade fair. A suggestion was made to set-up refreshments in trade fair area. Blake reported that the conference organizer's manual offered by the Victoria Committee is still not ready.

Technical Program		Hospitality	
Full Conference Attendees	151	Gold	32
Life or Students	10	Silver	22
Single Day Attendees	13	Bronze	42
Total Technical Program	174	Tours Only	17
		16 and Under	12
		Total Registered Partners	125

Breakdown by Affiliation		Attended Tutorial	
Mill	37		25
Consultant	35		13
Academics	2		
Retired	6		
Vendor	94		14
Totals	174		52

First Time Attendees 48

TREASURER REPORT/CONFERENCE AUDITS

Rhonda Banks reported that all past conferences (except for Victoria) have been audited and are closed.

STANDING SUBCOMMITTEE REPORTS

MEMBERSHIP

Our current committee membership is 115. Since the June 2004 conference, we have 14 new members! Typically the committee sees 3-4 new member registrations at the annual conference. Alan felt that the increase was directly attributable to the new conference format, which enabled perspective new members to get involved in the subcommittee meetings. At the Victoria Conference we had 68 members present, 21 excused absences, 20 unexcused absences, 3 retired and 5 dropped.

Regarding marketing future conferences. Charlie Canty reported during the Executive Meeting that the ad-hoc committee to improve conference attendance had worked to change the conference format. The new format was well received, so the ad-hoc committee has disbanded. Looking forward, Dave Durocher reported that a new committee was recently formed. Dave will chair the new *Awareness Committee*, focused on improving conference attendance of industry engineers (both from mills and corporate engineering). The thought being that strong industry engineer attendance is the key driver for sustained conference attendance growth. Volunteer members of this new committee include John Malinowski, Rich Butler, Rhonda Banks, Jim Williams and Rob Boltener. The local chairman for the next annual conference (in this case Duncan Rhodes) automatically becomes a member.

Student attendance was discussed. Rich Butler committed to talk to Bob Lorenz on ideas and also to contact engineering schools at UNF Jacksonville and UF Gainesville.

MAILING LIST

John Kay reported that the mailing list updates continue, including many changes from Victoria conference. We have removed 400-500 names in past 2 years. At present, about 2000 names remain on the current list. We are adding emails as they become available. Since this is a moving target, John again left list for group to review. Rory Johnson stressed the use of the IEEE alias as a means of keeping email addresses current. This is easy to use and if your email address changes, it's simple to change the pointer to a new email address. Our most current email mailing list for the membership is on the committee website. The mailing list is the key for us for future conferences and one area we are striving to address with Awareness Committee. If you know people in your company that should be added, let the committee know.

PUBLICITY

Ron Meihofner had nothing new to report at this meeting. The November IEEE IAS Magazine will have information on the upcoming conference.

PAPER AWARDS AND PUBLICATIONS

Laurie Cihlar was not able to attend the interim meeting. The Executive Committee reported that we continue to be very successful with papers submitted to transactions and the IAS Magazine. Updated details are given in the Appendix.

Repeating from previous meeting minutes, the definition of a "Mill Paper" for awards was clarified as a paper with ONLY mill authors. Should no pure mill papers be available at a particular conference, a paper including a mill author and others will be considered for the Best Mill Paper award.

PPIC AWARDS

Russ Thrift again congratulated Roger Jones, winner of the 2004 Meritorious Engineering Award and Larry Thomas, winner of the 2004 Meritorious Service Award. The committee is soliciting nominations for 2005 awards. The Operating guide and appendix explains what information is required to submit a nomination including the necessary forms. At the time of the meeting, Russ had received two nominations, awaiting further information on one of the nominees. Rory

Johnson reminded the group that award recipients do not need to be a member of the committee as explained in the Operating Guide.

FELLOWS NOMINATIONS

John Kay reported that the committee is working on an application for Ron Simpson for IEEE Fellow.

Liaison Reports

PAPTEC (CPPA)

John Kay reported that every year the world's pulp and paper industry meets in Montreal. PAPTAC (formerly CPPA) is scheduled February 7-10, 2005. The conference will feature technical sessions in several areas of engineering disciplines, including electrical. Held in conjunction with this conference is the EXFOR 2005 Trade Fair, planned to feature over 800 booths. Last year, over 1000 mill participants attended from 417 mill locations and 29 countries. 200 technical papers were presented.

IEEE/IAS

The Annual IEEE IAS Conference was held in Seattle Oct 4-7, 2004. There were just over 700 registered attendees. Two awards were proudly issued to members of the PPIC Committee. The First Prize IAS Transactions paper award went to Robert D. Lorenz, Anibal Valenzuela and John M. Bentley for the March/April 2003 paper "Sensorless Tension Control in Paper Machines". The Second Prize IAS Magazine paper award went to Charles J. Mozina and Douglas C. Moody for the March/April 2003 paper "Benefits of Upgrading Paper Mill Generator Protection". Congratulations to our members. Clayton Reid has been appointed the IAS Process Industries Chairman. This position represents IAS industry committees including Pulp & Paper, Petrochemical, Metals, Mining and Cement industries.

TAPPI

Burt Judson reported TAPPI - PCE&I Division planned to again share in the technical conference with the TAPPI Papermaking Division during the week of May 23-26 in Milwaukee, WI.

The "Paper Machine Drives Short Course" was held Sept 13-15, 2004 at the Holiday Inn Riverwalk, Nennah, WI (sponsored by EE Committee of PCE&I). Duncan Rhodes and Pete Werner handled the local arrangements and promotion of the short course. 25 engineers attended this successful event.

IEEE - STANDARDS COORDINATING

IEEE SCC 18:

Jim Daly reported that SCC 18 had not met since January 2004. The next meeting will be held the 1st week in January 2005.

IEEE Standards Projects Committee

There were no standards issued that impacted on the pulp and paper industry.

IEEE Electrical Safety Workshop

Larry Thomas reported that the 12th Annual IEEE Industry Applications Society Electrical Safety Workshop was planned for February 8-11, 2005 at the Denver Marriott Tech Center Hotel in Denver, Colorado. Workshop website is: www.ewh.ieee.org/cmte/ias-esw/

Also of interest is the IEEE Electrical Safety Forum Web site

<https://www.ieee.comunities.org/ieee.esafety/>

This is a state of the art communication tool designed to facilitate and accommodate the issues and concerns of the electrical safety community.

OPERATING SUBCOMMITTEE REPORTS

Detailed reports from the 4 standing subcommittees are appended.

2004 VICTORIA CONFERENCE REPORT

Blake Lloyd reported for Mark Weaver on the Victoria Conference. The new format – including Vendor Exhibits appears to have worked well. Attendance was good although participation from local mills was somewhat disappointing.

FUTURE CONFERENCES

2005 – JACKSONVILLE, FL

Rich Butler reported that in 2005 the PPIC conference is set for Jacksonville, FL June 20 to the 24. The hotel is the Adams Mark Hotel on the waterfront, which is one of the anchor hotels for the super bowl last year. The technical program sessions will take place on the hotel 2nd floor. The local committee plans to get quotes and value statements from kill engineers to add to the conference web site. The Social theme is “Old Florida” and the Guest Program will highlight St. Augustine FL and Amelia Island. Our Keynote Speaker will be Frank Cepolline, Deputy Associate Director of the Goddard Space Flight Center in Greenbelt, Maryland. The conference technical theme is “Managing Projects on a large/grand scale”.

2006 – Appleton, WI

Dave Rollay reported for Duncan Rhodes. The 2006 Conference will be held at the Radisson Paper Valley Hotel, June 18-22, 2006 in Appleton. We have an active local committee, an approved budget and a hotel contract in place.

2007 – Williamsburg, VA

John Malinowski reported that the 2007 committee has set a contract with the Williamsburg Lodge, with full access to Williamsburg Historic District. 2007 is the 400th anniversary of Jamestown, so this will be a historic year with plenty of activities. Reenactments will take place throughout the city. John is considering Thomas Jefferson as Keynote speaker. Dates are June 24-28, 2007.

2008 – Birmingham, AL

Robert Adams reported that at present, the 2008 conference is scheduled to be held in Birmingham, Alabama.

OLD BUSINESS

PERMANENT WEB SITE

Website/FTP site. Blake Lloyd reported that the committee maintains two websites The PPIC Committee website is at:

www.pulpandpapercommittee.com

This site includes committee business such as meeting minutes, the committee roster, operating guide, etc.

The Conference website is at:

www.pulppaper.org

This site will remain the host for the annual conference, presently managed by the Jacksonville Conference Committee. After the Jacksonville Conference, the site will be turned over to the Appleton Conference Committee.

Blake clarified questions regarding tutorial presenters registering for conference. If presenters are only there for the tutorial, then they do not need to register. If the presenters attend any part of the conference, then they are required to register for that part. Regarding commercialism, the same rules apply as for papers.

AD-HOC COMMITTEE ON DECLINING CONFERENCE ATTENDANCE

Charlie Canty reported no progress beyond the new conference format. We will use this format for several years to gauge the impact on attendance. The Awareness Committee will continue moving forward in our efforts to improve our annual conference attendance.

NEW BUSINESS

CONFERENCE PUBLICATION CHAIRMAN

Mark Weaver is Conference Publications chairman for the IEEE IAS. Mark is requesting Committee Publications Chairman that can track papers, etc. The Committee will look at making a change to the operation guide, confirm what duties of this position would be and send to committee for approval.

THE MEETING WAS ADJOURNED (ONTIME) AT 3:12 PM.

Appendix A: FULL COMMITTEE MEETING AGENDA**IEEE PULP & PAPER INDUSTRY COMMITTEE INTERIM MEETING****ADAMS MARK HOTEL, JACKSONVILLE, FL****MONDAY OCTOBER 25, 2004****1:30 – 3:30 PM**

- | | |
|---|-----------------|
| 1 - Welcome & Introductions | Rory Johnson |
| 2 - Review/Approval of Minutes of 6/29/04 Meeting | Dave Durocher |
| 3 - Executive Committee Report | Dave Durocher |
| 4 – Victoria Conference Closeout Report | Mark Weaver |
| 5 - Treasurers Report/Conference Audits | Rhonda Banks |
| a – Victoria Audit Report | Mark Weaver |
| 6 - Standing Subcommittee Reports: | |
| a – Membership | Alan Lowe |
| b - Mailing List | John Kay |
| c – Publicity | Ron Mehofer |
| d - Paper Awards | Laurie Cihlar |
| e - PPIC Awards | Russ Thrift |
| f - Fellows Nominations | Clayton Reid |
| 7 - Liaison Reports: | |
| a - PAPTEC (CPPA) | John Kay |
| b - IEEE-IAS | Clayton Reid |
| c – TAPPI | Burt Judson |
| d – IEEE SCC 18 | Richard Barker |
| IEEE - Standards Projects Coordinating | Richard Barker |
| e - Electrical Safety Workshop | Larry Thomas |
| 8 - Operating Subcommittee Reports: | |
| a – EMMC | Larry Menche |
| b – DCS | Duncan Rhodes |
| c – PDS | Edwin Hammonds |
| d - TSSC | Jim Williams |
| 9 – 2004 Victoria Conference Report | Mark Weaver |
| 10 – 2005 Jacksonville Technical Program | Blake Lloyd |
| 11 - Future Conferences: | |
| a. 2005 - Jacksonville, FL | Rich Butler |
| b. 2006 – Milwaukee/Appleton, WI | Duncan Rhodes |
| c. 2007 - Williamsburg, VA | John Malinowski |
| 12 - Old Business | |
| a – Update on Permanent PPIC Web/FTP Site | Blake Lloyd, |
| b - Ad-Hoc committee on declining conference attendance | Charlie Canty |
| 13 - New Business | |
| a – Conference Publications Chairman | Mark Weaver |
| b - | |
| c - | |

Adjourn Full Committee Meeting at approximately 3:30 PM!

APPENDIX B - EMMC SUBCOMMITTEE MEETING MINUTES

October 25, 2004—Jacksonville, FL

Meeting Date: October 25, 2004

Meeting Start: 8:09 am

Meeting Adjourned: 3:00 PM

Recorded By: Dave Durocher

Total Members: 22

Members Present: 6

Blake Lloyd	David Durocher
Larry Menche	Rory Johnson
Burt Judson	Russ Thrift

Visitors: 0

None

Members Visiting Other Subcommittee: 0

Members Excused: 3

Peter Baen
Robert Montgomery
Frank Newman

Members Not Excused: 5

Ajit Bapat	Roland Roberge
Rich Carle	Janet Flores
Steve Trussell	

2005 Paper Reviewer:

Unnamed. Need to assign a reviewer from the committee.

Introduction

Introductions were made and a list of the EMMC members was circulated for attendance and updates.

General Business

Highlights of the Executive Committee Meeting were reported by Larry.

- Discussed marketing of future conferences.
- The length of paper presentations, extending to 25 minutes was generally favorable. The committee will keep this format for 2005.
- The updated Operating Guide shows that the Interim meeting will be held in the host city for the upcoming conference. This will be Appleton for 2005.
- Attendance for the 2004 conference Full Conference Attendees 151, Life or Students 10, Single Day Attendees 13, Total Technical Program 174.
- The plan for vendor exhibits will continue for Jacksonville.
- Discussed potential candidates for EMMC subcommittee chairman. Larry suggested that he would serve another term pending approval from his employer.

APPENDIX B

EMMC SUBCOMMITTEE

New Business

- There was discussion about how to improve attendance at the conferences. Russ Thrift discussed local paper mills in the area that would be good candidates to invite to the Jacksonville conference.
- Rich Butler is looking for tutorials. Discussion regarding a tutorial covering NEC 2005 changes. Charlie Canty is taking the lead on this.

The list of proposed papers was reviewed and updated with changes. New paper topics were discussed. This subcommittee contributed four papers to the conference this year.

2005 EMMC Paper Grader: Blake Lloyd

Meritorious Award Nominees

None at the meeting. Members were encouraged to submit names at a later date.

Future Papers

Reference the Microsoft Excel database that accompanies the minutes for the list of future papers.

EMMC FUTURE PAPERS

Number	Subcommittee	Title	Status					Year
			A	B	C	D	E	
2002-4	EMMC/CBS	ENERGY SAVING REBATE OPPORTUNITIES FOR MILL PROJECTS						2005
2002-6	EMMC/CBS	IMPACT OF TEMPERED WATER IN SAFETY SHOWER AND EYEWASH UNIT ON ELECTRICAL SYSTEMS IN PULP & PAPER MILLS	1					2005
2002-7	EMMC/CBS	INTEGRATING GLOBAL ELECTRICAL DESIGN PRACTICES IN HAZARDOUS LOCATIONS-A PHILOSOPHY CHANGE	1					2005
2002-8	EMMC/CBS	DISPERSED GENERATION INTERCONNECTION - UTILITY PERSPECTIVE		1				2005
2002-10	EMMC/CBS	RELIABILITY ASPECTS OF BRUSHLESS SWITCH RELUCTANCE TECHNOLOGY			1			2005
2002-11	EMMC/CBS	TOROIDAL COIL SOLUTIONS FOR AC INVERTER FED MOTOR BEARING CURRENTS			1			2004
2002-12	EMMC/CBS	WHOLESALE POWER SALES OPPORTUNITIES FOR PULP & PAPER (FERC 888)					1	2005
2002-13	EMMC/CBS	"WIRE AND CABLE "GOTCHAS"			1			2005
2003-2	EMMC/CBS	WIRELESS ETHERNET NETWORK for REMOTE CONTROL of a CHIP RECEIVING SYSTEM	1					2005
2003-3	EMMC/CBS	PANEL - WHERE CAN YOU CUT BACK ON MAINTENANCE AND WHERE SHOULD YOU NOT IN LEAN TIMES?						2005
2003-4	EMMC/CBS	PROCES CONTROL NETWORK SECURITY			1			2005
2003-6	EMMC/CBS	MAINTENANCE PRIORITIZATION TO ACHIEVE COST TARGETS	1					2005
2002-15	EMMC/CBS	AUTOMATED TIE LINE CONTROL						2005
2002-16	EMMC/CBS	COMPUTER BASED TRAINING					1	2005
2003-7	EMMC/CBS	PROTECTION of POWER EQUIPMENT from CORROSION in INDUSTRIAL ATMOSPHERE of PULP and PAPER PLANTS	1					2005

APPENDIX B**EMMC SUBCOMMITTEE**

2003-9	EMMC/CBS	BENEFITS of USING a DATA HISTORIAN					1	2005
2003-10	EMMC/CBS	A RECENT COATER UPGRADE AT APPLETON COATED			1			2006
2003-11	EMMC/CBS	APPLICATION of LIGHTNING PROTECTION at a PAPER MILL			1			2005
2003-12	EMMC/CBS	DOCUMENT MANAGEMENT SYSTEMS and THEIR USE					1	2005
2004-1	EMMC	HOW TO START LARGE MOTORS ON WEAK SYSTEMS			1			2005
2004-2	EMMC	HEATED TUBING: PREFABRICATE OR FIELD TRACE AND INSULATE			1			2005
2004-3	EMMC	EXPERIENCES OF MONITORING PARTIAL DISCHARGES IN A PULP AND PAPER MILL			1			2005
2004-4	EMMC	ONLINE MAINTENANCE MONITORING	1					2005
2004-5	EMMC	DUAL POWERED - STEAM & ELECTRIC - I.D. FAN ON A RECOVERY BOILER					1	2005
2004-6	EMMC	LOW COST, HIGH PERFORMANCE WIRELESS NETWORK TECHNOLOGY APPLIED IN THE PULP & PAPER AND OTHER PROCESS INDUSTRIES			1			2006
2004-7	EMMC	CAPITAL PROJECT COMMISSIONING			1			2005
2004-8	EMMC	USING WI FI AS A MILL COMMUNICATION NETWORK						2006
2004-9	EMMC	KEPING YOUR EMPLOYEES FOCUSED DURING ACQUISITIONS						
2004-10	EMMC	RADIATION SAFETY					1	
2004-11	EMMC	PROJECT DEVELOPMENT/JUSTIFICATION						

TOTALS 6 4 8 0 6

APPENDIX C – PDS SUBCOMMITTEE MEETING MINUTES

**Power Distribution Systems
SUBCOMMITTEE
SUBCOMMITTEE MEETING MINUTES
October 25, 2004– Jacksonville, FL**

Meeting Date: October 25, 2004

Meeting Start: 8:00 AM **Meeting Adjourn:** 12:00 Noon

Recorded by: E. I. Hammonds & Robert Adams

Total Members: 36 **New Members:** 0

Guests: 0

Members Present: 6

Robert Adams	Jamie Lyles
E. I. Hammonds	Ron Simpson
Chuck Mozina	Bud Palmer

Members Excused: 23

Terry Branch	Robert Beltz
Jay Das	John Levine
Rich Schaefer	Ted Sexton
Vernon Newbill	Cliff Normand
Doug Moody	Alex Wu
Bill Vilcheck	Roy Cosse
Elton Parker	Don Deyo
Charles Hardy	Gus Henson
Shoaib Khan	Glenn Smith
Marcelo Valdes	Carlos Yopez
Felix Nepveux	Bruce Graves
Stan Merrit	

Members Unexcused: 7

Tony Locker	Bob Moore
Todd Robbins	David Burrow
Tommy Ashline	John Whincup
Stephen Dyrnes	

Guests: 0

None

Members Transferred: None

Resignations: None

Meritorious Award Nominees: 0

2005 Paper Graders:

E. I. Hammonds & Todd Robbins

Introduction

E. I. Hammonds welcomed all present to the Jacksonville, FL PDS Subcommittee meeting. Each member and guest was asked to introduce him or herself. Robert Adams assisted in recording the minutes. A list of the PDS members was circulated for updating and attendance. Updates have been forwarded to Alan. Above attendance has been forwarded to Blake Lloyd.

General Business

Robert Adams was introduced as the next PDS Chair. Jamie Lyles volunteered to be the next Vice-Chair for the PDS Subcommittee.

The requirement for a Tutorial sponsor was discussed. Sponsors were selected for the tutorials presently established.

Solicitations and recommendations for Meritorious Service Award and Meritorious Engineering Award were requested. None were received.

Executive Committee Meeting Minutes were reviewed and discussed.

The 2005 Conference will be held in Jacksonville and will be the same format as Victoria. TAPPI will not participate as was discussed at the last interim meeting.

A recommendation to have the interim meeting at the next conference site was discussed and agreed to ask for a vote at the general meeting, recommendation carried. The Executive Committee plans to visit mill managers in the Jacksonville area to help promote the Conference.

Paper presentation time will be 25 minutes, 5 minutes for questions.

At the time of the meeting, there were 33 mill engineers registered, 257 total, and 165 technical registrants. Ten (10) exhibits will be open at the breaks. The executive committee, in the future to be the Operating Committee, distributed a handout for review and comment. See below.

Once again, the award form for awards was discussed. The form is to be completed by the nominator and forwarded to Russ Thrift by August 1.

Future Papers

See attached spreadsheet.

If there are any comments/corrections, please contact the writer.

PDS FUTURE PAPERS

Number	Subcommittee	Title	Status	Year
2002-01	PDS	Transformer Specification: Costly Common Misconceptions		
2002-05	PDS	Case Study of Electrical System Reliability and Upgrade Justification		
2003-04	PDS	Arc Resistant Switchgear Application and Installation	A	2006
2003-06	PDS	Mitigating Capacitor Switching Over voltages	A	2005
2003-21	PDS	Is My UPS Distribution System Coordinated	A	2005
2004-10	PDS	Harmonics, Standards, Affects, Generation, Mitigation		2005
2005-01	PDS	Electrical Aspects of Power Generation in Process Plants		2006
2005-02	PDS	Ground Fault Location Identification in Multiple Source Grounded Systems via the Single-Processor Concept for Circuit Protection	B	2005
2005-03	PDS	Protection and Commissioning of Multi-Function Digital Transformer Relays at Medium Voltage Industrial Facilities	B	2005
2005-04	PDS	A Method to Reduce Arc Flash Hazards & Harmonics in Power Systems with Multiple Sources	B	2005
2005-05	PDS	Status of Mandatory Transformer Efficiency Standards	C	2005
2005-06	PDS	Limiting the Arc Flash Damage - Impact on System Design	B	2005
2005-07	PDS	Reconditioning Generators	D	2005
2005-08	PDS	CT Saturation	E	2005
2005-09	PDS	Fundamentals of a Motor Thermal Model and its Applications in Motor Protection	B	2005
2005-10	PDS	Generator Protection in an Industrial Environment CT Saturation - Problems & Solutions	B	2005

APPENDIX C

PDS SUBCOMMITTEE

2005-11	PDS	Paper Mill Case Study in Safety Improvements for On-Line Generator Brush Changing	B	2005
2005-12	PDS	Applying Microprocessor-Based Protective Relays in Switchgear with AC Control Power	A	2005
2006-1	PDS	Transformer Protection		2006
2007-1	PDS	Generator Grounding		2007
Paper Status	2005	2006	2007	
A	3	1	0	
B	7	0	0	
C	1	0	0	
D	1	0	0	
E	1	0	0	
Tutorial	1	2	1	
Panel	0	0	0	

**APPENDIX D - TSSC SUBCOMMITTEE MEETING MINUTES
TRAINING, SAFETY, STANDARD AND CODES SUBCOMMITTEE
IEEE, IAS PULP & PAPER COMMITTEE**

MINUTES of MEETING

(Interim meeting minutes not available, 2004 Conference Meeting minutes repeated below)

Meeting Date: June 29, 2004

Recorded by: Richard Barker

Members Present: Richard Barker Lanny Floyd
Tim Crnko Roger Jones
Jim Daly Clayt Reid
Paul Roullier Ralph Shead
Jim Williams

Total: 9

Excused Absence: Mike Glenn Jim Harris
Steve Pittman John C Thompson

Total: 4

Unexcused Absence: Bob Jordan

Total: 1

Total Members: 14

Guests: D Ray Crow Kevin Lippert
Dennis Netzel Felix Nepveux
Malcolm Steeves Larry Thomas

Total: 6

Distribution: Members, secretary and attendees

Committee-need your recommendation for Meritorious Engineering and Service Award for 2005

Introduction

Jim Williams called the meeting to order.
All attendees introduced themselves.
An attendance roster was circulated for everyone to sign.

Announcements & General Business

Increased conference attendance: Letter to 2004 Attendees? CD copies? Tutorial advertising?

Promotional brochures?

Monitors for third session-Roger, Larry and Malcolm

Papers for 2005 and 2006---

Maint for MV gear ready for 05

Future direction of NFPA 70E

Safety-Lanny to check into coordinate with safety group at the plants for possible topic

NIOSH data-1 in 500 injuries are electrical, but 1 in 20 of the electrical are fatal

PCIC benchmark survey, Lanny to research and contact the chairman for possible paper—2006

Voltage trans std progress-2006

Insurance companies and how to deal with them, in areas of Grp 1 or Grp2 and loss prevention-2006 Jim Daly

Tutorials -

Main/testing of OCPD for reliability, analog and digital

Documentation/verification of breaker settings-engineering or maintenance coordination

Letter to attendees do after the interim mtg in Oct so can be fresh in their memory to ask for permission to attend and will have a number of the topics to note.

Dennis said if the committee had a brochure describing the function and purpose of the conference, he would put a supply in his training center for distribution

Future Papers

See attached paper summary list.

Paper on NFPA Procedures, Effecting change – Jim Daly / Richard Barker, see 5?

Paper on CCW installation Sponsor - Richard Barker

Paper on comprehensive electrical safety guide – Title to Jim by Email, Dennis N

Factory Mutual – Group 1 & Group 2 Ralph Shead

Tutorials

Maintenance and testing of over-current protection devices – Dennis N

Possible topics-

-cable types and installation practices-tutorial

-video tape tutorials so can send to other areas for those that can't attend, do on CD with

power point-

Adjournment

The meeting was adjourned by the Chair.

TSSC FUTURE PAPERS

IEEE - IAS PULP AND PAPER COMMITTEE
 TRAINING, SAFETY, STANDARDS AND CODES
 SUBCOMMITTEE
 TECHNICAL PAPER SUMMARY AND STATUS

TITLE	AUTHOR(S) - Company	SPONSOR	REVIEWERS	Paper Status				
				A	B	C	D	E
Teaching Medium Voltage Maintenance "On the FLY"	Charles L. Canty Global Engr.	Bob Jordan	Jim Williams Jim Harris Roger Jones	x				
What's new in NFPA 70E - 2004	Tim Crnko Bussmann	Bob Jordan	Clayton Reid John Thompson Ralph Shaad		x			
Affecting changes in NEC	Jim Daly Richard Baker	Clayt R	Lanny Floyd Tim Crnko Ray Crow		X			
Are your People Qualified	Dennis Neitzel		Roger Jones Larry Thomas Bob Jordon		X			
MV Cable Installation Guide Pull or Push	TBA	Jim Harris	Jim Williams Ralh Shead Clayton Reid			X		
Cable Testing lo freq or? field	TBA							

Paper Status Legend

Class A: Paper has a sponsor, a committed author, an abstract and a rough draft in hand ready for review.

Class B: Paper has a sponsor, a committed author, and an abstract in hand.

Class C: Paper has a sponsor and a committed author.

Class D: Paper has a sponsor and an identified author.

Class E: Paper has a sponsor.

APPENDIX E - DCS SUBCOMMITTEE MEETING MINUTES

Meeting Date: Monday, 10/25/04
Meeting Started: 8:05 AM
Meeting Adjourned: 2:00 PM
Acting Chairman: John Malinowski (Duncan Rhodes absent)
Acting Secretary: Alan Lowe
Total Members: 47 (was 44)
Members Present: 14
Members Excused: 26
Members Not Excused: 4
Guests: 1
 Members added afterwards 3

Still awaiting Membership Application From Brian Winter of Avtron

Paper Grader: Undetermined – anybody volunteer?

This is a great way to understand what gets presented – you read it first!

Meritorious Award Nominees: Alan Lowe - Meritorious Service Award
 Pete Wemer - Meritorious Engineering Award

Conference Volunteers: Lights: Undetermined – any volunteers?
*This is **not** a real challenging job, but it's necessary!*
 Audio/Video: Duncan Rhodes

Introduction

All members and guests introduced themselves.

Announcements

Antitrust Announcement was read.

General Business

- Minutes of Victoria Meeting ok'd
- Read requirements for award submittal from pages 11-13 and appendix D of the IEEE PPIC operating guide available online. Proper paperwork should accompany any award submission.
- Poor attendance at Interim – should we return to having them in Atlanta?
We should we have a teleconference / WebEx after Thanksgiving - ~ Dec 1.
Duncan and John Malinowski to organize & announce.
- A new meeting format was introduced this last June, and lunch was served only in the sub-committee meetings. This resulted in a substantial increase in attendance, and quite a few new applicants joined the sub-committees. We will follow this successful format in future meetings.
- The Committee officers were rotated this (even) year. The new officers are:

Chair	Rory Johnson
Vice-Chair	Blake A. Lloyd
Secretary	Dave Durocher
Treasurer	Rhonda Banks
- Reviewed paper status and new proposals for papers and tutorials. Worksheet updated. New spreadsheet format being used, so we can print it in landscape mode & actually read it. A current copy is attached. It will get a few columns narrower when Erwin von der Ehe (or Mark Weaver, if he's inclined), Excel god, creates a formula to conditionally sum A, B, C, D, E papers, parsed by year. I gave up.
- Membership (as of 11/24/04)

Total members	47	(was 44)
Members present	14	
Members excused		26
Members not excused	4	
(Members added later		3)
(Still await Membership App. From Brian Winter of Avtron)		
Guests		1
- Future Conferences are scheduled as follow:

2005	Jacksonville, FL	Rich Butler	
	June 20-24	Adam's Mark	904-633-9095
2006	Milwaukee, WI	Duncan Rhodes is Local Chair	
	June 18-22	Radisson Paper Valley Hotel	800-333-3333
		333 W. College Ave., Appleton, WI 920-733-8000	
2007	Richmond, VA	John Malinowski is Local Chair	

Still looking for local committee members!

- Blake Lloyd has created <http://pulpanpapercommittee.com/> to host the PPIC Committee information. This website has ‘Members Only’ and ‘Executive Committee Only’ areas in addition to areas open to the general public. The Member’s area username is “member” & the password is “ppicmember”. Conference information, the PPIC Operating Guide, and directories of the PPIC members, as well as other information, will be posted here. A file transfer area will help in passing papers, presentations, etc. that are too large to e-mail. The IEEE IAS website will have a pointer to this website as well. This website will be cross-linked to <http://pulppaper.org/>, which will be the current Conference website.
- We need more mill participation in the Conference. A concerted effort is being made to add many more mill personnel to the Conference mailing list. We will e-mail future Conference invitations, and use surface mail only if the e-mail bounces (or upon request). This will allow us to greatly expand the mailing list (currently at ~2100) without increasing the cost or effort of the mailing.
- Remember to create your IEEE alias e-mail redirect account! It’s free, and will enable us to keep a current e-mail address, regardless of employment or ISP changes. (This actually became an issue in a job change after the June ’04 Conference!)

Future DCS Papers

2005	A	11
	B	3
	C	5
	D	1
	E	0
	Panel	1
	Tutorials	2
2006	A	1
	B	4
	C	5

See the attached paper summary spreadsheet. (*2004-DCS-Paper-Listing-041124.xls*)
Please review, & advise Duncan Rhodes of any errors/corrections. Items in **red** need attention.

Member and Attendance List

See the attached DCS Roster spreadsheet (*DCS-Roster-041124.xls*). New members have joined, and two have changed jobs (that I know of).

The meeting was adjourned at 11:00 am.

Classification and Schedule of Papers

The criteria for paper classification are as follow:

- Class A: Paper has a sponsor, a committed author, an abstract, and a rough draft in hand, ready for review.
- Class B: Paper has a sponsor, a committed author, and abstract in hand.
- Class C: Paper has a sponsor and a committed author.
- Class D: Paper has a sponsor and an identified author.
- Class E: Paper has a sponsor.

The current schedule for papers is as follows:

Date	Action
June 27 – 30, 2004	Annual Committee Meeting. Title and Author suggested by Paper Sponsor.
October 24-25, 2004	Rough draft available for reviewers.
1st week of November, 2004	Author kits to authors and posted on WWW site.
3rd week of November, 2004	Review of rough draft due
2nd week of January, 2005	Final draft to reviewers
2nd week of February, 2005	Review of final draft due. Copyright Transfer form, Author's Data & Release Form sent to Program Chair.
2nd week of March, 2005	Mail final manuscript on 8½ x 11 dual column Word for Windows format, plus 1 copies (8½ x 11) to Program Chair
1st week of April, 2005	Manuscripts sent to printer
3rd week of April, 2005	Acknowledgment and schedule sent to Authors.
3rd week of June, 2005	Bound copies of record sent to Conference Chair and IEEE Headquarters
Conference June 20-24, 2005	Oral presentation at conference
3rd week of July, 2005	Review forms for IAS Transactions papers due to Program Chair from Awards Chair.
1st week of August, 2005	Manuscripts for Transactions papers sent to IAS.

Note: The exchange of large files via email is often not always possible. Sponsors and subcommittee chairpersons are encouraged to use the FTP site associated with the permanent conference web site at www.pulpandpapercommittee.com under the members login.

Sponsors should make sure that the sub-committee chairmen get a copy of the author's data sheets.

Reviewers should check the official guide to make sure that their role is understood. It is the responsibility of the reviewer to check the paper's accuracy, not to be the editor. The guide is available on the website.

It is also important that the sponsor not only coordinates the reviews of the paper, but also checks the presentation itself to make sure it conforms to IEEE guidelines, especially in the area of avoiding any commercialism. Since the presentations are all in Power Point, they can be easily sent from the author to the sponsor.

It is a requirement that all authors / presenters register for the Conference, even if it is for only one day. This is also true for New Product Presenters.

DCS FUTURE PAPERS

Number	Title	Status					Year	Paper	Panel	Tutorial
		A	B	C	D	E				
1999-02	Synchronous Motor Field Protection and Control Applications		1				2006	1		
2003-04	DC Motor Flashover Case History			1			2006	1		
2003-05	Bus Capacitor Life in AC Drives				1		2005	1		
2003-07	Mill Requirements for Drive System Trending	1					2005	1		
2003-09	Implementation Issues in Electronic Lineshafting Control		1				2006	1		
2003-13	An Introduction To American Petroleum Industry Standard API 547 For 250 – 3000 HP Motors	1					2005	1		
2003-14	Can Dryer Drive Strategies		1				2005	1		
2004-01	Life Cycle Costing - AC vs DC Coordinated Drive Systems			1			2005	1		
2004-02	Techniques For Motor Starting	1					2005	1		
2004-03	Rogowski Coils			1			2005	1		
2004-06	Evaluation of Setting Criteria of Speed Loops in Paper Machine Drives	1					2006	1		
2004-18	Sealed Insulation Systems For Electric Motors	1					2005	1		
2004-19	Comparison Testing of IEEE Std. 841 Motors - Revisited	1					2005	1		
2004-20	Dynamic Compensation of Torsional Oscillations in Paper Machine Sections	1					2005	1		
2004-21	Tension Control of a Two Drum Winder Using Paper Tension Estimation	1					2005	1		
2004-22	Web Inspection using Gradient-Indexed Optics		1				2005	1		
2004-23	Selection, Application and Interchangeability of Medium Voltage Power Fuses in Motor Control Centers	1					2005	1		
2004-24	Selection of Motor Bearings for Coupled and Belted Loads	1					2005	1		
2004-25	Impact of Medium Voltage Drives on Design and Insulation of MV Motors		1				2006	1		
2004-26	Design Characteristics of AC Unwind Motors			1			2006	1		
2004-27	Replacement of Open Motors with Enclosed Motors in Paper Machine Applications			1			2006	1		
2004-29	Line Shaft Experiences with Partial Sectionalization of a Paper Machine			1			2005		1	
2004-30	Analyzing Tuned Capacitor Banks For A South America Installation	1					2005	1		
2004-31	Effect of Protecting Covers for TEFC Induction Motors Injured by Pulp		1				2006	1		

APPENDIX E

DCS SUBCOMMITTEE

2004-32	Fundamentals of Drive Harmonics	1					2005			1
2004-33	Process Control - US vs European Strategies			1			2005	1		
2004-34	The Use of Infrared Viewing Systems in Electrical Control Equipment			1			2006	1		
2004-35	Bearing Maintenance and Greasing Guidelines			1			2006	1		
2004-36	Review of Available Energy Incentives and Rebates to Pulp & Paper Industry			1			2007		1	
2004-37	Review of 2005 National Electric Code Changes			1			2005			1
2004-38	Encoders for Simultaneous Sensing of Position and Speed in Servos Drives with Digital Control		1				2005	1		
	2005 Totals:	11	3	5	1	0		17	1	2
	2006 Totals:	1	4	5	0	0		10	0	0
	2007 Totals:	0	0	1	0	0		0	1	0
	TOTAL	12	7	11	1	0		27	2	2

APPENDIX F

MEMBERSHIP REPORT

MEMBERSHIP REPORT
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 November, 2004

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APPENDIX F

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APPENDIX F

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MEMBERSHIP REPORT

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APPENDIX F

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APPENDIX F

MEMBERSHIP REPORT

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MEMBERSHIP REPORT

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MEMBERSHIP REPORT

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MEMBERSHIP REPORT

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APPENDIX F

MEMBERSHIP REPORT

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MEMBERSHIP REPORT

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Annual/Interim	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I	A/I
Robert Adams												X/X	X/O	X/X	E/X	X/X	X/X
Tim Albers													X/X	X/X	X/X	X/X	E/E
Tommy Ashland																X/O	O/O
Peter Baen										/X	O/X	X/X	X/E	O/E	E/X	X/E	O/E
Ronda Banks								X/E	O/X	X/X	X/X	O/X	E/X	X/X	X/X	X/X	X/E
Richard Barker																X/O	O/E
Robert Beltz													E/E	O/X	O/O	E/O	E/E
John Bentley	X/E	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X/X	X/X	X/X	X/E	X/E	E/E	X/E	X/O	X/E
Austin Bonnett			X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E	E/E	E/E	E/O	O/O
Rob Boteler																	/X
Terry Branch	/E	X/X	X/O	X/E	X/X	X/O	X/O	O/E	E/E	O/E	O/O	O/X	O/O	O/O	X/E	O/O	X/E
David Burrow										X/X	O/E	O/O	O/O	X/E	X/X	O/O	O/O
Ken Butler										X/O	O/O	O/O	X/O	X/O	X/E	X/E	X/X
Rich Butler												X/X	X/X	X/O	X/E	X/X	X/X
Charlie Canty	E/O	X/X	E/E	X/X	O/X	X/O	E/O	E/X	E/X	X/X	X/E	X/X	X/X	X/X	X/X	X/E	X/X
Laurie Cihlar						/X	X/X	X/X	O/X	O/X	E/E	E/X	X/E	E/X	X/X	X/X	X/E
Roy Cosse																E/X	X/E
Ray Crane	X/X	X/E	X/E	X/X	X/E	X/E	X/E	X/O	X/O	X/E	X/E	X/X	X/E	X/X	X/E	X/O	E/E
Tim Crnko												X/X	X/X	X/E	X/X	X/E	X/E
Ray Crow																	X/E
Jim Daly	X/E	E/X	X/X	X/X	X/E	X/E	X/O	E/X	E/E	X/E	X/O		X/X	X/O	X/E	X/E	X/X
Jay Das													-/X	X/X	X/X	E/X	X/E
Don Deyo		/E	X/X	X/X	X/X	X/O	E/X	X/X	E/E	X/E	X/O	X/E	X/E	X/E	X/E	X/O	X/E
Rob Dufton															/X	E/E	E/E
David Durocher										X/X	X/X	X/X	X/O	X/X	X/X	X/X	X/X
Richard Dykstra														X/E	O/X	X/X	X/E
Stephen Dyrnes	E/O	E/E	X/E	O/E	X/X	X/E	X/O	O/E	E/E	X/E	X/E	X/E	E/O	X/E	E/E	O/O	O/E
Steve Evon																X/O	X/E
Pete Famighetti	X/O	X/O	X/E	X/X	X/E	X/E	E/E	E/E	E/E	O/O	X/E	O/O	E/E	E/E	O/E	X/E	X/E
Janet Flores								X/X	X/X	E/X	X/O	E/X	O/E	X/E	E/O	E/O	O/O
Lanny Floyd															X/O	O/O	X/E
Russ Ford													X/O	X/X	X/E	X/X	X/E
Phil Fransen	X/E	E/E	X/E	E/O	X/X	O/O	X/E	X/E	X/X	X/X	X/X	E/X	X/E	E/E	E/E	O/O	O/O
Bob Fritz	X/X	X/X	X/X	X/X	E/X	X/O	E/E	X/O	O/E	E/O	O/E	O/O	E/O	E/O	O/E	X/E	X/E
Terry Gallagher										X/X	X/X	X/E	X/O	X/E	X/E	X/E	X/E
Mike Glenn	X/E	X/X	X/X	X/X	X/X	E/X	X/O	E/X	X/X	E/X	E/E	X/E	E/E	O/E	E/E	E/E	E/E
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Bill Green															X/E	O/E	O/E
Don Grey																	X/X
Jim Haferkorn																	X/O
Bucky Hammonds								O/X	X/E	X/O	X/O	O/X	X/O	O/X	E/X	E/X	X/X
Charlie Hardy																X/O	O/E
James Harris											-/X	O/X	O/X	X/E	X/E	X/X	E/X
Warren Henson												O/X	X/E	O/X	X/E	E/O	O/E
John Holmquist	X/X	X/X	X/E	X/X	X/E	X/X	X/X	X/X	X/X	X/E	X/X	X/X	X/X	X/X	X/X	X/E	X/X
Darren Honaker																	X/E
Warren Hopper													X/E	O/O	X/E	X/E	X/E

APPENDIX F

MEMBERSHIP REPORT

Tim Hoy														X/O	O/O	X/E	X/E
Jubin Jackson																	/E
Preston Jackson	X/E	X/E	X/X	X/E	X/X	X/E	X/E	X/X	X/X	X/E	X/O	X/X	X/X	X/X	X/E	X/E	X/E
Rory Johnson	E/E	X/X	X/O	X/O	X/X	X/O	X/E	X/X	X/O	X/X	X/X	X/X	E/X	X/X	X/X	X/X	X/X
Roger Jones	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X/X	E/X	X/E
Walt Jones	X/X	X/X	X/X	X/X	X/X	X/X	X/X	O/X	X/X	X/X	X/X	X/X	X/X	E/E	X/E	E/X	X/X
Robert Jordan									E/E	X/X	X/E	X/X	X/X	X/X	X/E	X/E	E/X
Burt Judson	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X/X	X/X	X/X	X/X
John A. Kay									X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X
Shoaib Khan			/E	X/O	X/O	X/O	X/O	X/O	X/E	X/X	X/E	X/E	X/O	X/E	X/E	E/E	X/E
John Levine				/X	E/X	X/X	E/X	X/E	O/X	X/X	O/X	X/E	O/X	E/E	X/X	X/E	X/E
Pat Link					/X	X/E	E/E	X/X	O/X	X/X	X/E	X/E	X/X	X/O	X/X	E/E	E/E
Kevin Lippert																	X/E
Blake Lloyd								X/E	X/X	X/X	X/X	X/E	X/E	X/X	X/X	X/X	X/X
Anthony Locker																	X/O
Bob Lorenz														X/O	O/O	X/O	X/O
Alan Lowe	X/E	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X/X	X/X	X/X
James Lyles										X/O	O/O	O/O	X/E	O/X	X/O	X/X	E/X
John Malinowski														X/X	X/X	X/X	X/X
Jim Mantooth													X/X	X/X	O/O	O/O	X/O
George Matto	X/E	X/O	E/E	X/O	O/O	X/O	X/O	E/O	X/E	X/E	O/O	X/E	X/E	X/E	X/X	X/O	X/E
Ron Meihofner	X/X	X/X	X/X	E/X	X/X	X/X	X/X	X/X	X/X	E/X	X/X	X/X	X/X	X/X	X/X	X/E	X/E
Larry Menche								X/E	X/X	X/O	X/E	E/E	X/X	X/O	E/X	X/E	X/X
Stan Merritt	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	E/E	E/O	O/E	E/E	E/O	X/O
David Mintzloff									O/X	O/E	O/E	O/E	X/O	X/E	X/X	X/E	X/E
Robert Montgomery												-/X	X/X	X/X	E/X	X/E	X/E
Doug Moody														-/O	X/X	X/E	E/E
Bob Moore															X/X	X/O	O/O
Chuck Mozina																	X/X
Dennis Neitzel																	X/E
Felix Nepveux																	X/E
Vernon Newbill												X/O	X/X	E/X	O/E	X/E	E/E
Frank Newman	X/E	E/E	X/E	X/E	E/X	E/X	X/X	E/E	X/X	X/E	E/E	O/X	X/E	E/E	E/E	X/E	E/E
Clifford Normand												X/X	X/X	X/X	X/X	X/E	E/O
Bob Olsson												X/X	X/X	X/X	X/X	X/X	X/E
Bud Palmer	X/X	O/X	X/X	X/X	X/X	X/X	X/O	E/X	E/X	X/X	O/O	E/X	X/O	X/E	O/E	X/E	O/X
Elton Parker	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	E/E	E/E	X/O	E/E
Craig Pinto																X/X	E/X
Clayt Reid	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E
Duncan Rhodes												X/E	X/X	X/E	X/X	X/E	X/E
Todd Robbins																X/O	E/O
Dave Rollay	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	E/X	X/X	X/X	X/E	X/X	X/X	X/X
James Rooks												X/O	X/X	X/O	X/X	X/E	X/E
Paul Roullier			/X	X/X	X/E	X/X	X/X	X/X	X/X	X/E	X/X	X/E	X/X	X/X	X/O	X/E	X/E
Richard Schaefer														-/E	X/E	X/E	X/E
Del Seaver								/O	X/X	X/O	X/E	X/X	X/X	X/X	X/E	E/O	E/E
Ted Sexton			/E	X/E	X/X	X/O	O/O	O/E	X/O	O/O	X/E	X/O	X/O	E/E	X/E	O/E	X/E
Ralph Shead							/O	X/X	X/X	X/X	X/X	X/X	X/X	O/O	E/X	X/X	X/O
Ron Simpson	X/X	X/X	X/X	X/X	X/O	X/X	X/X	X/X	X/X	X/E	X/X	X/X	X/X	X/X	X/X	X/X	X/X

APPENDIX F

MEMBERSHIP REPORT

Glenn Smith														X/O	X/E	E/E	O/E	X/E
Larry Thomas	E/E	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E	E/E	X/E
John C. Thompson										X/X	X/X	X/X	X/X	X/X	X/X	X/X	E/E	
Russ Thrift	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X/X	E/X	E/X	
Mike Tribe																	X/E	
Steven Trussell													X/O	X/E	X/E	E/O	O/E	
Marcelo Valdes																	X/E	
Anibal Valenzuela														X/E	X/O	X/O	X/O	X/E
Bill Vilcheck										/X	X/X	O/X	X/X	X/E	X/X	X/E	X/E	
Erwin von der Ehe													X/E	X/E	X/O	X/O	X/O	E/O
Hank Wachter				X/O	X/E	X/X	X/X	X/E	X/E	X/X	X/X	X/X	E/E	O/X	O/X	E/X	X/X	
Rick Watkins	/X	X/X	X/X	X/O	X/X	E/X	X/X	X/E	O/X	X/X	O/O	O/O	X/X	X/X	X/X	X/O		
Allen Watson														X/O	X/E	X/X	X/E	
Mark Weaver	E/X	X/X	X/E	X/E	X/X	X/E	X/X	X/X	E/E	X/X	X/E	X/X	X/X	X/X	X/X	E/X	X/E	
Pete Werner							X/O	X/X	X/O	E/E	X/X	X/E	X/X	X/E	X/O	X/X	X/X	
John Whincup																	X/E	
Jim Williams	X/X	E/O	X/E	E/E	X/E	E/O	E/O	X/O	E/E	E/O	O/O	X/O	O/X	X/X	X/X	X/X	X/X	
Alex Wu	X/X	X/E	X/O	X/E	X/X	X/X	X/O	X/X	X/X	X/X	X/O	X/X	X/X	X/X	X/X	X/X	X/E	
Carlos Yopez																	X/E	
Mark Zawadzki										/X	E/X	X/O	X/X	E/X	O/O	X/E	X/E	

APPENDIX G PAPER AWARDS AND PUBLICATIONS**2004 PPI C Conference
Paper Awards Report**2004 Prize Papers

- **1st Place**

“A Practical Approach to ARC Flash Hazard Analysis and Reduction”

Authors: H. Wallace Tinsley III and Michael Hodder

- **2nd Place**

“Understanding ARC Flash Hazards”

Authors: Kevin Lippert, Donald Colaberardino, Clive Kimblin

- **Best Mill Paper**

“A Review of the Design Considerations of Replacement Drive System Installation”

Author: Warren Hopper

Technical Paper Publication Status for 2004 Conference Papers

- **7 papers submitted to *IEEE Transactions on Industrial Applications***

4 papers are scheduled to be published in 2005.

- **16 papers submitted to *IAS Magazine***

9 papers are scheduled to be published in 2005.

Technical Paper Publication Status for 2003 Conference Papers

- **6 papers submitted to *IEEE Transactions on Industrial Applications***

5 papers have been published

- **11 papers submitted to *IAS Magazine***

5 papers have been published

Special Recognition - 2004 Paper Reviewers

EMMC: Dave Durocher, Eaton Electrical
PDS: Rich Schaefer, Basler Electric
TSSC: Jim Williams, JC Williams Consulting
DCS: Alan Lowe, AMEC