



INDUSTRY APPLICATIONS SOCIETY

PULP & PAPER INDUSTRY COMMITTEE

MINUTES of the

INTERIM FULL COMMITTEE MEETING

2006 PPIC COMMITTEE MEETING
The Hilton Atlanta Airport Hotel, Atlanta, GA
Monday October 23, 2006

FULL COMMITTEE MEETING

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**IEEE/IAS PULP & PAPER INDUSTRY COMMITTEE
2006 PPIC INTERIM MEETING
MINUTES OF THE FULL COMMITTEE
THE HILTON ATLANTA AIRPORT HOTEL, ATLANTA, GA**

OCTOBER 23, 2006

WELCOME AND INTRODUCTIONS

Blake Lloyd called the meeting to order at 12:45 PM. He welcomed everyone to Atlanta and the Interim Full committee meeting. He then asked everyone in turn to introduce him or herself. A meeting sign-in sheet was circulated for all attendees to indicate their presence.

SECRETARY'S REPORT

Dave Durocher reported that the full committee minutes from the Appleton Conference were distributed via email to all committee members on October 13, 2006 and were also posted on the committee website www.pulpandpapercommittee.com. He noted two minor changes that had been made to those minutes before a motion was given and seconded to approve these minutes as amended. They were accepted and passed. The permanent web site was used to distribute the minutes and no members reported difficulty in finding the site, or the minutes.

EXECUTIVE COMMITTEE REPORT

Rhonda Banks reported that 18 members were in attendance at the Executive Committee meeting. The meeting was held on Sunday from 6:00 PM to 8:15 PM and resulted in a good discussion on the issues facing this group. Some of the topics of interest were: 1) John Kay's draft completion of the IEEE/PPIC Conference Manual with an action item to review and forward comments to John. 2) Discussion regarding the efficiency and effectiveness of the paper review process. Bob Jordan will review this process and make recommendations for future changes. 3) Four changes made to the current Operating Guide which were reviewed by Dave Durocher and accepted by the Executive Committee. 4) The "Call for Papers" sent out to all IAS members which resulted in 7 potential papers for the subcommittees to discuss. 5) Survey responses from the Appleton conference compiled by Dave Rollay. 6) The Ad Hoc Committee formation for promotion of Student/Young Engineer conference attendance, led by Greg Dreviske.

2006 APPLETON CONFERENCE CLOSEOUT REPORT

Duncan Rhodes reported on the successful results of the Appleton conference. The final hotel bill was significantly lower than originally budget. With just a few items remaining, there are no suspected obstacles to successfully close this conference.

TREASURER REPORT/CONFERENCE AUDITS

Alex Wu noted that there was nothing new to report. There is still no confirmation on the closing of the Victoria conference.

STANDING SUBCOMMITTEE REPORTS

MEMBERSHIP

Our current committee membership is 125. Since the annual meeting in June 2006, we have had the following changes in membership:

Resigned/Retired – None

Dropped for Inactivity – None

New Members – 9 (Keith Allen, Geoff Clark, Norm Danz, Brenda Etzel, Stan Komander, Todd Legette, Pat Malie, Larry Olsen and Bill Wilkens)

New Applicants – 3 (Paul Henri, Rick Hoadley and Chad McLellan)

At the annual meeting, we had 60 members present, 6 members that requested excused absences and 50 members with unexcused absences. The high number of unexcused absences may be due to Alan’s absence at work prior to the meeting.

Alan also reported that thanks to Jim Rooks, 99 out of the 125 current members have a grade of Senior Member or higher. This is a 79.2 membership percentage and currently the highest in the IAS. He also noted that 11 current members need to apply for IAS membership.

Alan discussed the Operating Guide procedure for requesting excused absences for the meetings such that the requestor should email both the Membership Chair and their respective Subcommittee Chair if they must be absent.

MAILING LIST

John Kay reported that the committee mailing list continues to evolve. He received the registration list from the Appleton committee and reconciled that data to the master mailing list. He also updated the data based on the mark-ups of the mailing list documents displayed at our June conference.

The following is an update and report:

Total Entries	3140	
Stale Entries	1315	[no attendance since 1998]
Entries with Email address	1843	59%
Stale entries w/o Email address	263	8.5%

John’s recommendation is that any stale names without an email address be eliminated from the mailing list.

PUBLICITY

Rob Boteler, our committee Publicity Chair reported that a “Call For Papers” communication to help promote the Williamsburg conference was sent to all IEEE/IAS members world-wide in September by Dave Durocher. His plans are to send this to Louie Powell for submission into the *IAS Magazine*.

PAPER AWARDS AND PUBLICATIONS

Bob Jordan reported that from the 2006 PPIC Conference, 13 papers were submitted for publication in the *IAS Magazine* and 3 papers were submitted to the *IEEE Transactions on Industrial Applications*, of which all 3 had been approved for publication. Two submissions to the *IAS Magazine* were rejected due to the fact that they had prior publications. He also noted that our conference papers fill approximately 30% of the IAS publication and are appreciated for their timely submissions. The list of these submitted papers is appended to these minutes as reference (see Appendix G).

PPIC AWARDS

Russ Thrift announced that Pete Werner was awarded the 2006 Meritorious Engineering Award and Charlie Canty was awarded the 2006 Meritorious Service Award at the June conference. He also noted that there were three current nominations for the awards to be given at the Williamsburg conference in June 2007.

FELLOWS NOMINATIONS AND IAS MEMBERSHIP

John Kay reported for Clayton Reid that the IEEE Fellows Review Committee will issue their report in November, and we are hoping for a positive response for the inclusion of Jim Rooks. Clayton will be resubmitting the nomination for Ron Simpson and will submit another nomination for Jay Das for 2007/08.

LIAISON REPORTS

IEEE/IAS

John Kay reported for Clayton Reid that the IAS conference was held in Tampa, FL on October 8-12, 2006. There were 642 technical attendees. Clayton's IAS Process Industries Chair position will be completed after the December Board meeting. He is pleased to announce that Dave Durocher will be the new chair and wishes him the best of success in his new position. This position represents IAS industry committees including Pulp & Paper, Petrochemical, Metals, Mining and Cement industries.

PAPTAC (CPPA)

John Kay reported that this year, the 92nd Annual PAPTAC Annual Meeting, including the EXFOR 2006 products display was held the week of February 6 at the Palais des Congres in Montreal, QC. Attendees came from mills, supplier companies, research institutions and universities from 24 countries.

Attendance at this year's event is noted as follows:

Delegates to the technical presentations: 947

Visitors to EXFOR: 3269

EXFOR exhibitors: 2601

Total participants at PAPTAC Annual Meeting: 6817

Total attendance at PAPTAC Meetings: 526

Total number of participants at Paperweek International 2006: 7538

There were 313 exhibiting companies at EXFOR who gave visitors a hands-on look at the many new products and services available to the industry in a dynamic and busy location. Information on these events can be found at www.paptac.ca.

TAPPI

Burt Judson reported that TAPPI in total has suffered from declining mill attendance. TAPPI has backed away from a dedicated conference for the electrical and process group. TAPPI will continue to sponsor a larger mega-conference in the spring and fall. On behalf of the IEEE PPIC, Burt has asked if we could form a working group to perpetuate some of the technical work we've done. There was interest in trying to assemble a Process Control group during this interim meeting.

IEEE PERPETUATION COUNCIL

John Kay solicited assistance from the Executive Committee to give feedback for brainstorming ideas to continue the efforts of this council. A meeting will be held tomorrow morning to decide future meeting dates/conference calls.

IEEE ELECTRICAL SAFETY WORKSHOP

Larry Thomas reported that Robert Adams would be attending the next Electrical Safety Workshop scheduled for February 22 through March 2, 2007 in Calgary, Alberta. The workshop website is:

<http://www.ewh.ieee.org/cmte/ias-esw/index.html>

IEEE - STANDARDS COORDINATING

IEEE SCC 18:

Tom Jurczak reported during the Appleton conference that SCC 18 no longer has liaison representatives.

IEEE Standards Projects Committee

Tom Jurczak also reported during the Appleton conference that IEEE Standards Projects Committee no longer has liaison representatives.

OPERATING SUBCOMMITTEE REPORTS

Detailed reports from the 4 standing subcommittees are appended.

2007 WILLIAMSBURG TECHNICAL PROGRAM

Dave Durocher elaborated on the “Call for Papers” that elicited 7 responses from recipients. Those that are selected to present papers at the Williamsburg conference must be advised that their presence is mandatory at the conference. Dave then offered a preliminary report of proposed 2007 technical papers from the Operating Subcommittees. As of this time, we have twenty-nine (29) A papers and twenty-five (25) B papers or 54 total A’s and B’s for the Williamsburg Conference. Because this number is too great to present all of them at one conference, Dave stressed that the papers would be accepted on a “first come-first served” basis. He emphasized that the sponsors should send the authors this information with a Williamsburg Conference Authors’ Guide with the conference paper deadlines. He also noted that tutorials will play a big part in the success of the Williamsburg Conference and since there would be no tutorials on Friday of that week, the option to multi-track with the option to choose one in the morning and one in the afternoon is being investigated.

FUTURE CONFERENCES

2007 – WILLIAMSBURG, VA



John Malinowski reported that the 2007 conference is to be held at the Williamsburg Lodge, June 24-28, 2007 which utilizes the new convention center. He is checking into the availability of Friday night rooms in case there is a need due to the extension of tutorials. Registration will begin around the first of the year.

John reiterated that there would be two different room rates, ‘standard’ and ‘deluxe’ rooms, with the lower rate to be reserved for the mill people and consultants that are on their own. Once the registrant gets their confirmation number from the hotel, they will receive a discount on conference registration. This will assist in the need to fill the hotel room block. Tutorial pricing will be finalized soon by the local committee.

2008 – SEATTLE, WA

Rich Turner reported that he has received hotel proposals and is working with the IEEE to develop the contract.

2009 – BIRMINGHAM, AL

Robert Adams reported that he is currently inquiring into hotels that will “fit” the size of the conference. He is also actively recruiting local committee members.

2010 - OPEN

Charley Canty reported that the goal for the 2010 conference and future conferences is to locate near mills where we can attract industry personnel. There was discussion about a continuous rotation of locations between the following areas: Milwaukee/Green Bay area; Seattle, WA area; Atlanta/Birmingham area.

OLD BUSINESS

OPERATING GUIDE REVISIONS

Dave Durocher discussed the Executive Committee’s accepted changes to the Operating Guide which are included in Revision 11, dated October 2006. There were four significant changes noted as follows:

Accepted Revisions to the IEEE PPIC Operating Guide ([Revision 11 – October 2006](#))

Revision 1:

SECTION IV - DUTIES OF COMMITTEE OFFICERS

Duties of the TREASURER

3. Serve as liaison between the local conference Chair and the Executive Committee and the IEEE IAS, assisting the local Chair as needed. *Offer guidance to local conference committee regarding conference budget to assure acceptance by the IEEE IAS. When available, attend IEEE sponsored Panel for Conference Organizers so as to remain current with IEEE requirements.*

Revision 2:

SECTION V – SCOPE OF WORKING AREA FOR SUBCOMMITTEES

4. Awards Subcommittee
 - A. Industry Recognition Awards (Meritorious Engineering & Service Awards)
Any active member can submit a nomination for an Industry Recognition Award. *Nomination for Meritorious Award candidates can be updated by the nominating member at any time and shall remain open until the submitting member withdraws the nomination, or until some time in the future should the nominee be deemed not qualified.* Refer to Appendix D – NOMINATION FORMAT FOR RECOGNITION AWARDS for specific requirements of nomination.

Revision 3:

SECTION VII - CONFERENCE PROGRAM

The schedule is as follows:

Article I) Oral presentations are made at the annual conference. The Sponsor shall encourage all authors to register for and attend the conference. The sponsor shall ensure that one author will be the presenter of the paper and encourage that author to pre-register. Note: All paper presenters and all new product presenters are required to register, at least for the day of presentation. Tutorial presenters are required to register for only that portion of the conference that they attend. *Tutorial presentations scheduled for the conference will not be allowed to drop from the program within 12 weeks of the presentation date.* Where multiple paper presenters are involved in the same presentation, at least one is required to register. If an author cannot attend and present, the sponsor will make arrangements for a suitable substitute presenter. (at the end of this section) Refer to the Author's Guide *and Tutorial Instructor's Guide* for details regarding paper preparation, rough drafts, final drafts, final manuscript and conference presentation requirements.

Revision 4:

SECTION VIII - CONFERENCE ARRANGEMENTS COMMITTEE

HOW TO ORGANIZE A CONFERENCE

2. *Refer to The IEEE PPIC Local Planning Committee Manual for the functional duties of committee finance, registration, facilities, hospitality, publicity, awards, etc*

These changes were approved and accepted by the Executive Committee and are appended to these minutes.

CONFERENCE WEB SITE

The Conference website remains <http://www.pulppaper.org>. This site will remain the host for the annual conference and management of the site is passed on yearly. Pete Famaghetti has agreed to cover this responsibility for the Williamsburg conference.

PERMANENT WEB SITE

A permanent web site at URL <http://www.pulpandpapercommittee.com> is used to hold information for members and the executive committee. Blake Lloyd maintains this site, and any new information to be posted on the site should be forwarded to Blake. Most of the information on the site is accessible to all with certain portions locked by passwords. Members can access this site using the username "member" and the password "handsomeblake".

CONFERENCE ATTENDANCE/AWARENESS COMMITTEE

Dave Durocher offered an update on the Awareness Committee activities. He reiterated that the mission of this group was to singularly focus on increasing attendance by industry engineers (representative from user companies, both at mills and headquarters) at our annual conference. He noted that there has been a trend of increased attendance over the last several conferences.

This past September “Thanks for attending” letters and an extra CD copy of the 2006 conference record were sent to industry engineers that attended the Appleton conference. Plans for this month include sending a “Remember to include the 2007 Williamsburg Conference in your employer personal development plan” letter with an abbreviated list of papers/tutorials and memorable quotes to the global email list of industry engineers.

Future plans are as follows:

April 2007 Plan to send a “Did you know?” letter to global email list, promising that attending the conference would help to:

- 1) Establish technical relationships
- 2) Enhance technical knowledge
- 3) Meet world-renowned experts
- 4) share best industry practices
- 5) Complete employer’s continued education requirements
- 6) Earn credit hours to retain a Professional Engineering license
- 7) Minimize time away from the mill.

May 2007 Plan to send same group of industry engineers a list of papers & conference hotel extension update.

INTERIM MEETING

Dave Rollay announced that the IAS extended an invitation for our interim meeting to join their meeting in New Orleans next year. Due to the number of committee members that drive to the interim destination, the decision was made to continue to meet in the more centralized location of Atlanta, GA. A suggestion was made for Dave to inquire about the hotel providing free internet service to attendees at the interim meeting. Dave’s plans are to have the hotel reservation by the Williamsburg conference.

AD HOC COMMITTEE ON STUDENT/YOUNG ENGINEERS

Greg Drewiske reported that this group had a conference call earlier this week to discuss items of interest which include:

The continuation of first time attendee recognition by giving them a specific ribbon for their nametags.

Hosting a breakfast devoted to first time attendees in order to disseminate information about the committee/subcommittees/conference format, etc.

Encouragement at mill locations to support young engineers’ attendance at conferences.

Compose a letter to send to managers of young engineers.

Funding from IAS to promote this objective. Note: Blake Lloyd will develop this proposal to solicit money at the IAS meeting in December.

PUBLICATION CHAIRMAN

Bob Jordan reported that there were slightly fewer papers at the 2006 Appleton Conference than we typically have at conferences. Even so, out of 21 papers, 18 were submitted for publication. Fifteen papers were submitted for publication in the *IAS Magazine* and 3 papers were submitted to the *IEEE Transactions on Industrial Applications*, of

which all 3 had been approved for publication. Two of the submissions to the *IAS Magazine* were rejected due to the fact that they had prior publications. Bob also noted that our paper submissions have been very well respected for quantity and quality of information.

NEW BUSINESS

ISSUANCE OF MINUTES TO FULL COMMITTEE

There was a request for the minutes to the full committee to be issued as a “Blind Copy” to prevent servers from rejecting the mass mailing. Blake Lloyd discussed the ability to use LISTSERVE, which is set up through the IEEE servers, so that emails sent appear to come from IEEE which may assist in the prevention of spam blockers blocking mass emails.

AD HOC COMMITTEE FOR PROCESS CONTROL SUBCOMMITTEE

During the Williamsburg Conference, time will be established for a meeting of those interested in pursuing the establishment of a Process Control Subcommittee.

THE MEETING WAS ADJOURNED AT 2:20 PM.

Appendix A - FINAL FULL COMMITTEE AGENDA

**FULL COMMITTEE AGENDA
IEEE PULP & PAPER INDUSTRY COMMITTEE
INTERIM MEETING
THE HILTON ATLANTA AIRPORT HOTEL – ATLANTA, GA
OCTOBER 22, 2006
1:00 PM to 3:30 PM**

- | | |
|--|-------------------|
| 1 - Welcome & Introductions | Blake Lloyd |
| 2 - Review/Approval of Minutes of June 2006 Conference Meeting | Dave Durocher |
| 3 - Executive Committee Report | Rhonda Banks |
| 4 – Appleton Conference Closeout Report | Duncan Rhodes |
| 5 - Treasurers Report/Conference Audits | Alex Wu |
| 6 - Standing Subcommittee Reports: | |
| A – Membership | Alan Lowe |
| b – Mailing List | John Kay |
| c – Publicity | Rob Boteler |
| d – Paper Awards | Robert Jordan |
| e – PPIC Awards | Russ Thrift |
| f – Fellows Nominations | Clayton Reid |
| 7 - Liaison Reports: | |
| a – IEEE – IAS | Clayton Reid/Dave |
| b – PAPTAC (formerly CPPA) | John Kay |
| c – TAPPI | Burt Judson |
| d – IEEE SCC 18 | Richard Barker |
| e - IEEE - Standards Projects Coordinating | Richard Barker |
| f – Electrical Safety Workshop | Larry Thomas |
| 8 - Operating Subcommittee Reports: | |
| a – EMMC | Larry Menche |
| b – DCS | John Malinowski |
| c – PDS | Robert Adams |
| d – TSSC | Tim Crnko |
| 9 – 2007 Williamsburg Technical Program | Dave Durocher |
| 10 – Future Conferences | |
| a - 2007 – Williamsburg, VA | John Malinowski |
| b - 2008 – Seattle WA | Rich Turner |
| c - 2009 – Birmingham | Robert Adams |
| d – 2010 - ???? | |
| 11 – Old Business | |
| a – Update on Conference Web Site/Registrations | John Malinowski |
| b – Ad-Hoc Committee on Conference Awareness | Dave Durocher |
| c – Interim Meeting | Dave Rollay |
| d – Publication Chairman | Robert Jordan |
| e – Ad- Hoc Committee on PPIC Planning | John Kay |
| f – Conference Presentation Coordinator | Larry Thomas |
| g – Ad Hoc Committee on Student/Young Engineers | Greg Drewiske |
| 12 – New Business | |

Adjourn Full Committee Meeting on or before 3:30 PM!

APPENDIX B - EMMC SUBCOMMITTEE MEETING MINUTES

**INDUSTRY APPLICATIONS SOCIETY
PULP & PAPER INDUSTRY COMMITTEE
EMMC SUBCOMMITTEE MEETING MINUTES**

Meeting Date: October 23, 2006

Meeting Start: 8:00 AM

Meeting Adjourned: 11:45 AM

Recorded By: Larry Menche

Total Members: 19

Members Present: 10

Russ Thrift	Blake Lloyd
Rhonda Banks	Rick Watkins
Laurie Cihlar	Larry Menche
Dave Durocher	Allen Watson
Burt Judson	Rory Johnson

Visitors: 0

Members Excused: Peter Baen
George Matto
Frank Newman
Bill Polley

Members Not Excused:

Jim Haferkorn	Robert Montgomery
Tim Hoy	Mike Tribe
Steve Trussell	

2007 Paper Reviewer:

Rory Johnson

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.

- The 2007 Williamsburg conference is set for June 24. Rooms for mill and retiree attendees will be about \$200. Rooms for vendors will be about \$250.
- There will be a \$200 credit off the conference registration for those who stay at the hotel.
- Free parking and a free pass to Williamsburg will be provided to those staying at the hotel.
- Registration should be available in January – the web site is up now.
- Late registration will be 60 days prior to the conference
- The sustainability committee reported mill attendance is increasing- hopefully due to the committee's efforts.
- A call for papers went out to all IAS members worldwide. There were quite a few responses. The suggestions will be evaluated in the various subcommittees.
- It was suggested that email addresses for the sponsors be included on the subcommittee paper tally spreadsheets.
- Nominations for the Meritorious service award and the engineering award must have paperwork submitted within 2 weeks of the interim meeting.

New Business

The list of proposed papers was reviewed and updated with changes. New paper topics were discussed.

Russ Thrift will organize a conference call with Ben Thorpe to discuss possible topics and Ben's availability to speak at the Williamsburg conference. It may be proposed to modify the conference agenda to allow for a second keynote speaker if Ben is agreeable.

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	Paper	Panel	Tutorial
			A	B	C	D	E				
2003-2	EMMC/CBS	WIRELESS ETHERNET NETWORK for REMOTE CONTROL of a CHIP RECEIVING SYSTEM	1					2008	1		
2003-3	EMMC/CBS	PANEL - WHERE CAN YOU CUT BACK ON MAINTENANCE AND WHERE SHOULD YOU NOT IN LEAN TIMES?						2008		1	
2003-4	EMMC/CBS	PROCESS CONTROL NETWORK SECURITY	1					2007	1		
2003-7	EMMC/CBS	PROTECTION of POWER EQUIPMENT from CORROSION in INDUSTRIAL ATMOSPHERE of PULP and PAPER PLANTS	1					2007	1		
2003-11	EMMC/CBS	APPLICATION of LIGHTNING PROTECTION at a PAPER MILL			1			2007	1		
2003-12	EMMC/CBS	DOCUMENT MANAGEMENT SYSTEMS and THEIR USE		1				2007	1		
2004-1	EMMC	CONSIDERATIONS IN MEDIUM VOLTAGE REDUCED VOLTAGE MOTOR STARTING THE GOOD, THE BAD AND THE UGLY	1					2007	1		
2004-2	EMMC	HEATED TUBING: PREFABRICATE OR FIELD TRACE AND INSULATE	1					2007	1		
2004-4	EMMC	ONLINE MAINTENANCE MONITORING	1					2007	1		
2004-5	EMMC	DUAL POWERED - STEAM & ELECTRIC - I.D. FAN ON A RECOVERY BOILER					1	2008?	1		
2004-7	EMMC	CAPITAL PROJECT COMMISSIONING			1			2007	1		
2006-1	EMMC	Bio Refinery					1	?	1		
2006-2	EMMC	Day Lighting					1	2008	1		
2006-3	EMMC	Generation Interconnections, A Case Study					1	2008	1		
2006-4	EMMC	ENERGY ECONOMICS TUTORIAL						2007			1
2006-5	EMMC	Electrical Testing of Motors Rated 6kV and below		1				2007	1		
2006-6	EMMC	Lightning Protection (Tutorial)						2008			1
2006-7	EMMC	Opportunities for Electrical Engineers in the Pulp & Paper Industry							1		

APPENDIX B

EMMC SUBCOMMITTEE

2006-8	EMMC	The Case for Interns		1				2008	1		
2007-1	EMMC	Modern Acceptance Test Methods on Steam Turbines in Paper Mills		1				2007			
2007-2	EMMC	Future of Fieldbus Networks									
2007-3	EMMC	Case Study: Retrofit Application of a DC and AC Motor Driving a Fan Pump Through a Common Shaft									
TOTAL			6	4	2	0	4		16	1	2

APPENDIX C - PDS SUBCOMMITTEE MEETING MINUTES

**INDUSTRY APPLICATIONS SOCIETY
PULP & PAPER INDUSTRY COMMITTEE
POWER DISTRIBUTION SYSTEMS (PDS)
SUBCOMMITTEE MEETING MINUTES**

Meeting Date: October 23, 2006

Meeting Start: 8:00 AM **Meeting Adjourn:** 11:30 AM

Recorded by: Robert Adams

Total Members: 35 **New Members:** 0

Guests: 3

Members Present: 13

ROBERT L ADAMS	GEOFF CLARK
ROY E COSSE JR	J C DAS
WARREN A HENSON	JOHN S LEVINE
CHARLES J MOZINA	GAIL W PALMER
RICHARD C SCHAEFER	RONALD H SIMPSON
RICH TURNER	WILLIAM S VILCHECK
ALEX Y WU	

Members Excused: 12

TOM BLOOMING	BRENDA ETZEL
RICHARD KIRBY	TODD LEGETTE
STANLEY Y MERRITT	DOUGLAS C MOODY
FELIX J NEPVEUX	VERNON A NEWBILL
ED REID	TODD E ROBBINS
GLENN A SMITH	MARCELO E VALDES

Members Unexcused: 10

ROBERT J BELTZ	TERRY BRANCH
STEVEN L DYRNES	B L GRAVES
CHARLES J HARDY	ANTHONY S LOCKER
JAMES E LYLES	EDWARD R SEXTON
JOHN D WHINCUP	CARLOS J YEPEZ

Guests: 3

RICH HUNT	MARK LANIER
SHREE SATHE	

Members Transferred: None

Resignations: None

Meritorious Award Nominees: 0

2007 Paper Graders: Rich Schaefer, Marcelo Valdes

Introduction

Robert Adams welcomed all present to the Atlanta, GA PDS Interim Subcommittee meeting. Each member and guest was asked to introduce himself or herself. A list of the PDS members was circulated for updating and attendance. Updates have been forwarded to Alan.

General Business

Executive Committee Meeting issues were reviewed and discussed.

The 2007 Conference will be held in Williamsburg, VA June 24-28, 2006.

Future Papers

See attached spreadsheet.

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

PDS FUTURE PAPERS

No.	Title	Status	Year
2003-04	Arc Resistant Switchgear Application and Installation	D	2008
2005-04	A Method to Reduce Arc Flash Hazards & Harmonics in Power Systems with Multiple Sources	B	2008
2005-11	Paper Mill Case Study in Safety Improvements for On-Line Generator Brush Changing	A	2007
2006-7	Relay Failures Due to Silver Whiskers	B	2008
2007-2	Utilizing the Benefits of Microprocessor Based Protective Relaying		2008
2007-3	Protective Relay Coordination		2007
2007-4	Reducing Interrupting Duties of Medium Voltage Circuit Breakers by Increasing Contact Parting Time	A	2007
2007-5	Predicted and Actual Operating Currents in Two 4.0 Mvar Tuned Filter Banks	A	2007
2007-6	Power System Blackouts - Minimizing Their Impact on Industrial Co-Generation Facilities	A	2007
2007-7	Restoration and Upgrade of a Paper Mill's Electrical Generating System - A Case Study of Brownville Specialty Paper Products	A	2007
2007-8	Lessons Learned Through Commissioning and Analyzing Data from Transformer Differential Installations	A	2007
2007-9	Application of Existing Technologies to Reduce Arc-Flash Hazards	A	2007
2007-10	Distribution Equipment Modernization to Reduce Arc-Flash Hazards	A	2007
2007-11	Medium Voltage Arc Flash Analysis	B	2007
2007-12	Grounding and Ground Fault Protection of Medium Voltage Industrial Generators		2007
2007-13	Advanced Protection & Control Applications of Medium Voltage Industrial Generation Systems	B	2007
2007-14	Challenges & Solutions in Medium Voltage Motor Protection Due to Motor Starting	B	2007
2007-15	Beyond the Calculations: Life After Arc Flash Analysis	A	2007
2007-16	Capacitor Application Issues	B	2007
2007-17	Arc Flash Mitigation Through Use of Voltage Controlled / Voltage Restrained Overcurrent Elements	A	2007
2007-18	Understanding Power System Stability	A	2007
2008-1	Design & Application of Split Core High Accuracy Current Transformers	C	2008
2008-2	Relay Communication Basics	C	2008
Paper Status	2007	2008	
A	11		
B	6		
C	0	2	
D	0	1	
E	0		
Tutorial	2	1	
Panel	0		

APPENDIX D - TSSC SUBCOMMITTEE MEETING MINUTES

**TRAINING, SAFETY, STANDARD AND CODES
SUBCOMMITTEE
IEEE, IAS PULP & PAPER COMMITTEE**

**Interim Meeting – Atlanta, GA
MINUTES of MEETING**

Meeting Date: October 23, 2006

Recorded by: Bob Jordan

Members Present: Tim Crnko
Dennis Neitzel
Ralph Shead
Paul Rouillier
Norm Danz
Pat Malie
Bob Jordan

Total: 7

Members with an
Excused Absence: Kevin Lippert
Jim Harris
Clayton Reid
Larry Thomas
D. Ray Crow

Total: 5

Members with an
Unexcused Absence: Richard Barker
Jim Williams
H. Landis Floyd II

Total: 3

Total Members: 15

Guests: Total: 0

Introductions

The meeting was called to order at 8:00 AM by Chairman Tim Crnko,.

All attendees and guests introduced themselves. Attendance was taken.

Announcements & General Business

The subject of nominees for both the meritorious service and meritorious engineering were discussed. The two proposed names previously submitted were allowed to stand.

Status of Future Technical Papers

	A	B	C	D	E
Papers	2	4	1	1	2
Tutorials	2	1			

See Spreadsheet entitled 2006 Interim TSSC Paper Summary and Status Tally for details.

TSSC Paper Reviewer for the Williamsburg Conference in 2007 will be Paul Rouillier or Ralph Shead (backup).

Adjournment

The meeting was adjourned at 10:30 AM by the Tim Crnko.

Distribution of Minutes: Subcommittee members and guests, Committee Secretary, Committee Membership Chair.

TSSC FUTURE PAPERS

CONF YEAR	Paper Status					TITLE
	A	B	C	D	E	
2008					X	Medium Voltage Cable Installation Guide -Push or Pull?
2008					X	NFPA 70E - Its Effect on Construction and Project Work in the Pulp and Paper Industry
2007			X			Cable Field Testing - Low Frequency AC versus DC
2007		X				Design and Installation Electrical Safety Requirements
2007		X				Things to Do to Prepare for an Arc Flash Study
2007	X					Applying EN Standards for Winder Safeguards
2007		X				Designing LV MCCs for Arc Flash Hazards
2007	X					Applying LV CBs to Limit Arc Energy
2007				X		What We've Learned in Doing Arc Flash Studies
2007		X				Preventative Maintenance and Reliability of LV OC Protective Devices
2008					X	Lighting Protection in the Pulp and Paper Industry
2007	X					Tutorial - Key Elements of Implementing an Electrical Safety Program
2007		X				Tutorial - PPE for Electrical Safety
2007	X					Tutorial - Safety Achieved Through Grounding

APPENDIX E - DCS SUBCOMMITTEE MEETING MINUTES**DRIVES AND CONTROL SYSTEMS SUBCOMMITTEE****IEEE/ IAS PULP & PAPER COMMITTEE****2006 INTERIM MEETING MINUTES**

Meeting Date: Monday, October 23, 2006
Meeting Started: 08:07 AM
Meeting Adjourned: 11:15 AM
Chairman: John Malinowski
Vice Chairman/Secretary: Greg Drewiske
Total Members: 59
Members Present: 17
Members Excused: 22
Members Not Excused: 20
Guests: 0

Introduction

- Members and guests introduced themselves
- Attendance / Membership List passed around and annotated

Announcements

Antitrust Announcement was read.

Reminder committee remembers need to keep IAS membership up-to-date. You will get a notice from Allen Lowe if you are not a member of IAS.

Reminder from John to utilize an IEEE alias for your e-mail address. That will simplify keeping track of you in the event you change jobs or Internet providers. Info at www.ieee.org. See below for detailed instructions.

Old Business

Review of DCS Minutes from Appleton Meeting: Minutes approved as sent.

Future Conferences are scheduled as follow:

2007	Williamsburg, VA	John Malinowski is Local Chair
	June 24-28	Colonial Williamsburg Hotel
2008	Seattle, WA	Rich Turner is Local Chair
2009	Birmingham, AL	Robert Adams is Local Chair
2010	Mid-America	Need Volunteer

At previous meetings, Meritorious Award nominees are Warren Hopper for Engineering; John Kay and Duncan Rhodes for Service. These nominees will remain on the nominations list until they are withdrawn, ineligible or are presented with the award.

If anyone wishes to be considered for the next vice-chair of DCS, please let us know. The subcommittee officers change after next June's meeting.

Review of Papers:

See attached spreadsheet

New Business:

Discuss development of an "IEEE 841 Lite" motor spec for Severe Duty Motors as requested by John Holmquist of Weyerhaeuser Company. These motors would have fewer features than the 841 motors that should result in lower cost. Things like no labyrinth seals, less tolerance on balance and foot flatness. John Malinowski to investigate getting a working group set up and a meeting Sunday June 24 at 8:30 – noon before the Williamsburg Conference to begin work.

Discuss results of Appleton Conference Survey to determine additional papers to add.

Paper Reviewer for 2007 – Mark Spear, Duncan Rhodes to be the backup.

Charlie Canty nominated Walt Jones for the Engineering Meritorious Award. Duncan seconded. Charlie to follow up with the required paperwork.

Discussion of pros/cons of Conference Calling vs. meeting in person. General consensus is that face-to-face meetings are preferred. May look into option of setting up conference calling capability for the meetings to allow others to attend if they are unable to travel.

Appendix A – 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 approximate schedule for papers is as follows (final schedule to be posted on the website (www.pulpandpapercommittee.com):

- 9/15/06 Author Data Sheets to Program Chair
- 10/23/06 Interim Meeting. Rough drafts available for reviewers.
Author kits to authors (sent by sponsors)
- 11/8/06 Reviews of rough Drafts due.
- 12/19/06 Final drafts to the reviewers (sent by sponsors)
- 12/20/06 Final drafts to reviewers (sent by sponsors)
- 1/24/07 Review of final drafts due.
Copyright transfer form, Author's Data & Release forms sent to Program Chair.
- 3/6/07 Final manuscript sent to Program Chair.
- 3/20/07 Manuscripts sent to printer.
- 4/17/07 Acknowledgment and schedule sent to authors.
- 6/5/07 Bound copies of record sent to Conference Chair.
- 6/24/07 2007 IEEE Conference Colonial Williamsburg, VA.

Sponsors should make sure that the sub-committee chairmen get a copy of the author's data sheets and a copy of the Abstract. 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 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 (including company logos on template except for title page). Since the presentations are all in PowerPoint, they can be easily sent from the author to the sponsor or placed on the Pulp and Paper FTP site. 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	Year	A	B	C	D	E	Paper	Panel	Tutorial	Title
2003-09	2008		1				1			Implementation Issues in Electronic Line shafting Control
2003-14	2007	1					1			Paper Machine Dryer Section Tuning
2004-03	2008				1		1			Rogowski Coils
2004-06	2007	1					1			Computer-aided Controller Setting Procedure for Paper Machine Drive Systems
2004-25	2008		1				1			Impact of Medium Voltage Drives on Design and Insulation of MV Motors
2004-26	2007	/	/	1	/	/	1	/	/	Design Characteristics of AC Unwind Motors
2005-04	2008		1				1			AC Liquid Cooled Drive System Retrofit of a High Speed Winder
2005-05	2007		1				1			Grease Compatibility Issues and Lubrication Practices in Paper Mill Motors
2005-10	2007	1					1			The Economics of Pre-EPACT motors operating in Industry
2005-12	2008			1					1	Proper Selection, Installation and Maintenance of Tachometers Encoders
2005-13	2008		1				1			On-machine Diagnostics of Machine Variables using FFT Analysis
2005-14	2008		1				1			A Comparison of Embedded vs. Separate Control for Drives
2005-15	2008				1		1			Update on IEEE 841 Spec
2005-16	2008			1			1			Motor Repair Specifications
2005-17	2007		1				1			Intro to IEEE 1068 motor repair spec
2005-18	2007	1					1			Methods for the Mitigation of Line Disturbances due to PWM LV VFD Drives
2005-19	2008			1			1			Considerations for Drive System Communications Networks
2006-01	2007		1				1			Dynamic online sensing of sheet modulus of elasticity
2006-02	2007		1				1			Robust sheet tension observer for Winders
2006-03	2008		1				1			Modeling and evaluation of dryer sections of paper machines driven by gear trains

APPENDIX E

DCS SUBCOMMITTEE

Number	Year	A	B	C	D	E	Paper	Panel	Tutorial	Title
2006-04	2007		1				1			Turbine Downgrade Project
2006-05	2007	1					1			Technical Considerations of Aluminum Conductor
2006-06	2008			1			1			Modeling the Common Mode Noise on Low Voltage Drive and Motor System
2006-07	2008			1			1			Issues with Replacement of VVI Slitter drive with IGBT Drive
2006-08	2008			1			1			Field Report on toroidal bearing successes
2006-09	2007	1					1			Effect of the Load on the expected savings from a premium efficiency
2006-10	2007		1				1			Guide to Motor Repair or Replace Decisions
2006-11	2007	1					1			Modeling and Simulation of a large Chipper Drive
2006-12	2007	1					1			Field Experience Identifying Electrically Induced Bearing failures
2006-13	2008				1		1			Effects on Power Mill Distribution Systems as Linear Loads are converted to Non-Linear Loads over time
2006-14	2007		1				1			A Methodology for Assessing Power Requirements on Line shaft Driven Sections for the Purpose of Converting the Sections to Electrical Sections
2006-15	2007	1						1		Energy Star Industry Focused Update
2006-16	2007		1					1		Control Communication Architecture
2006-17	2007		1						1	Use of Adjustable Speed Drives for Energy Savings & Productivity Improvements
2006-18	2007	1					1			The Influence Of Axial Magnetic Centering Forces On Sleeve Bearing Induction Motors
2006-19	2007		1				1			Effect of Ground Faults on Common DC Bus Drive Systems
2006-20	2007		1				1			Bearing Currents in Inverter-fed AC Motors
		0	6	6	3	0	14	0	1	2008 Totals:
		0	0	0	0	0	0	0	0	2009 Totals:
		10	17	7	3	0	33	2	2	TOTAL

APPENDIX F APPENDIX F - MEMBERSHIP REPORT

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APPENDIX F

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6285 TRI-RIDGE BLVD

LOVELAND, OH 45140

APPENDIX F

MEMBERSHIP REPORT

Attendance Record	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06
Annual/Interim Meeting	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	A/I	A/I	A/I	A/I
Robert Adams														X/X	X/O	X/X	E/X	X/X	X/X	X/X	X
Tim Albers															X/X	X/X	X/X	X/X	E/E	X/E	X
Keith Allen																					
Peter Baen											/X	O/X	X/X	X/E	O/E	E/X	X/E	O/E	X/E	O	
Rhonda Banks										X/E	O/X	X/X	X/X	O/X	E/X	X/X	X/X	X/X	X/E	X/E	O
Richard Barker																	X/O	O/E	X/O	E	
Robert Beltz															E/E	O/X	O/O	E/O	E/E	X/E	O
John Bentley	X/E	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/E	X/E	E/E	X/E	X/O	X/E	X/X	X
Tom Blooming																					O
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	O/O	O
Kevin Borthwick																					O
Rob Boteler																		/X	X/E	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	X/E	O/O	X/E	E/E	O	
Ken Butler												X/O	O/O	O/O	X/O	X/O	X/E	X/E	X/X	X/X	X
Rich Butler														X/X	X/X	X/O	X/E	X/X	X/X	X/E	O
Charlie Canty	E/E	E/X	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/E	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	X/E	O
Geoff Clark																					
Roy Cosse																	E/X	X/E	O/E	X	
Ray Crane	X/X	X/X	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	X/E	O
Tim Crnko														X/X	X/X	X/E	X/X	X/E	E/E	E	
Ray Crow																		X/E	O/O	O	
Norm Danz																					
Jay Das															-/X	X/X	X/X	E/X	X/E	X/E	O
Greg Drewiske																				X/X	X
Rob Dufton																/X	E/E	E/E	O/E	O	
David Durocher												X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X
Richard Dykstra															X/E	O/X	X/X	X/E	X/E	X	
Stephen Dyrnes	X/E	E/X	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	E/O	O
Brenda Etzel																					
Steve Evon																	X/O	X/E	O/O	O	
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	X/X	X
Michael Feldkirchner																				X/E	O
Lanny Floyd																	X/O	O/O	X/E	O/O	O
Russ Ford															X/O	X/X	X/E	X/X	X/E	X/X	X
Phil Fransen	X/X	X/X	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	O/O	O
Bob Fritz	X/X	X/X	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	X/E	O
Terry Gallagher												X/X	X/X	X/E	X/O	X/E	X/E	X/E	X/E	X/E	X
Cyndi Gates																				O/E	X
Bruce Graves	X/X	X/X	X/X	X/X	E/E	X/X	E/X	E/O	E/E	X/O	O/X	X/X	E/E	O/X	X/X	X/X	X/X	X/X	E/E	O/O	O
Bill Green																	X/E	O/E	O/E	X/O	O
Don Grey																		X/X	X/X	X	
Jim Haferkorn																		X/O	E/E	O	
Charlie Hardy																	X/O	O/E	O/O	O	
James Harris													-/X	O/X	O/X	X/E	X/E	X/X	E/X	O/E	E
Warren Henson														O/X	X/E	O/X	X/E	E/O	O/E	O/O	O
John Holmquist	/E	X/E	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	X/X	X
Darren Honaker																			X/E	O/O	X
Warren Hopper															X/E	O/O	X/E	X/E	X/E	X/E	X
Attendance Record	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06

APPENDIX F

MEMBERSHIP REPORT

Annual/Interim Meeting	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	A/I	A/I	A/I	A/I
Tim Hoy																X/O	O/O	X/E	X/E	E/E	O
Jubin Jackson																			/E	X/E	O
Preston Jackson	E/X	X/E	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	X	
Rory Johnson	X/E	E/O	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	X/X	X
Walt Jones	E/E	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	O/X	X/X	X/X	X/X	X/X	E/E	X/E	E/X	X/X	X/X	X	
Robert Jordan											E/E	X/X	X/E	X/X	X/X	X/E	X/E	E/X	X/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/X	X/X	X/E	X/X	X/X	X/X	X/X	X/X	X/X	X
Dick Kane																				X/X	O
John A. Kay												X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X
Richard Kirby																					O
Stan Komander																					
Mike Kozlowski																				X/O	O
Todd Legette																					
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	O
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	O/X	X	
Kevin Lippert																			X/E	X/E	X
Blake Lloyd									X/E	X/X	X/X	X/X	X/X	X/E	X/E	X/X	X/X	X/X	X/X	X/X	X
Anthony Locker																			X/O	X/X	O
Bob Lorenz															X/O	O/O	X/O	X/O	X/E	X/E	X
Jeff Lovelace																				X/E	X
Alan Lowe		O/E	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/X	X/X	X/X	X/X	X/X	X/X	E
James Lyles												X/O	O/O	O/O	X/E	O/X	X/O	X/X	E/X	O/O	O
Pat Malie																					
John Malinowski																X/X	X/X	X/X	X/X	X/X	X
George Matto	E/E	X/E	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	X/E	X
Ron Meihofer	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/X	X/E	X/E	E/E	O	
Larry Menche									X/E	X/X	X/O	X/E	E/E	X/X	X/O	E/X	X/E	X/X	X/X	X/E	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	X/X	X/X	E/E	E/O	O/E	E/E	E/O	X/O	O/O	X
David Mintzloff												O/X	O/E	O/E	O/E	X/O	X/E	X/X	X/E	X/E	E
Daleep Mohla																					O
Robert Montgomery														-/X	X/X	X/X	E/X	X/E	X/E	O/E	O
Doug Moody																-/O	X/X	X/E	E/E	E/E	X
Chuck Mozina																			X/X	X/E	X
Dennis Neitzel																			X/E	X/E	X
Felix Nepveux																			X/E	X/E	X
Vernon Newbill													X/O	X/X	E/X	O/E	X/E	E/E	E/E	O/E	O
Frank Newman	X/X	X/X	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	E/E	O
Larry Olsen																					
Bob Olsson												X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E	X/O	O
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	X/E	X
Craig Pinto																	X/X	X/X	E/X	O/X	O
Bill Polley																				X/X	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/X	X/X	X/E	X/X	X
Ed Reid					/X	X/X	X/X	X/X	X/E	E/X	E/X	X/X	X/O	O/O	E/O	X/E	O/E	O/O	O/D	X/E	X
Duncan Rhodes												X/E	X/X	X/E	X/X	X/X	X/E	X/X	X/E	X/X	O
Todd Robbins																X/O	E/O	O/O	X/E	O	
Dave Rollay	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/X	X/E	X/X	X/X	X/X	X/X	X
James Rooks												X/O	X/X	X/O	X/X	X/X	X/E	X/E	X/E	X/E	X
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	X/E	X
Richard Schaefer																-/E	X/E	X/E	X/X	X/E	X
Attendance Record	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06
Annual/Interim Meeting	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	A/I	A/I	A/I	A/I

APPENDIX F

MEMBERSHIP REPORT

Del Seaver											/O	X/X	X/O	X/E	X/X	X/X	X/X	X/E	E/O	E/E	E/O	X
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	E/E	O	
Ralph Shead											/O	X/X	X/X	X/X	X/X	X/X	O/O	E/X	X/X	X/O	O/X	X
Ron Simpson	X/X	X/X	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	X/X	X/X	X
Glenn Smith																X/O	X/E	E/E	E/E	X/E	O/O	X
Mark Spears																						X
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/E	E/E	X/E	X/X	X	
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/E	X/X	X/X	E/X	E/X	E/X	X/X	X	
Mike Tribe																			X/E	E/E	O	
Steven Trussell															X/O	X/E	X/E	E/O	O/E	O/O	O	
Richard Turner																						X
Marcelo Valdes																			X/E	X/X	O	
Anibal Valenzuela															X/E	X/O	X/O	X/O	X/E	X/E	X	
Bill Vilcheck												/X	X/X	O/X	X/X	X/E	X/X	X/E	X/E	X/X	X	
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	X/O	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	X/X	O	
Allen Watson																X/O	X/E	X/X	X/E	X/E	X	
Mark Weaver	X/E	E/X	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	E/E	O	
Pete Werner									X/O	X/X	X/O	E/E	X/X	X/E	X/X	X/E	X/O	X/X	X/X	X/X	X	
John Whincup																			X/E	O/O	O	
Bill Wilkens																						
Jim Williams	X/X	X/X	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	E/X	E	
Brian Winter																				X/X	O	
Alex Wu	E/X	E/X	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	X/E	X	
Carlos Yopez																			X/E	O/O	O	
Mark Zawadzki												/X	E/X	X/O	X/X	E/X	O/O	X/E	X/E	E/O	X	

APPENDIX G – Conference Paper Publication Results
Technical Paper Publication from 2006
Conference

IAS Magazine			
Title	Authors	Est. Publication Date	Actual Publication Date
Effects of Power Quality Distortions on Electrical Drives and Transformer Life in Paper Industries: Simulations and Real Time Measurements	Adel Nasiri	Sept-07	
Application of IEEE STD 519-1992 Harmonic Limits	Thomas Blooming		Jan-07
Proper Cable Installations Practices for AC Drives	George Matto		Mar-07
Engineering Selection for an ID Fan Drive: Steam Turbine or VFD Electric Motor Drive	Warren Hopper	Nov-07	
Integrated Protection and Control Systems with Continuous Self Testing	Michael Thompson	Sept-07	
Line Shaft Experience with Partial Sectionalization of a Paper Machine	Walter Jones		Mar-07
Real-Time Web-Based System Monitoring	Mike Branch		Mar-07
Applying Wireless Sensor Networks in Industrial Plant Energy Evaluation and Planning Systems	Jose' Gutierrez		Mar-07
Electrical Hazards Analysis	Dennis Neitzel		May-07
Using IR Sightglasses to Protect against Arc Flash Exposure	John Kay		May-07
Testing and Certification of MV Motor Control Centers to Arc Resistant Standards	John Kay	Sept-07	
Use of Instantaneous Trip Functions and Current Limiting Fuses to Reduce Arc Flash Energy	Felix Nepveau	Sept-07	
Arc Flash Hazards Calculations - Myths, Facts, Solutions	H. Wallace Tinsley III		Jan-07

IEEE Transactions on Industrial Applications			
Title	Authors	Est. Publication Date	Actual Publication Date
Ground Fault Protection for Bus Connected Generators in an Interconnected 13.8 kV System	J. C. Das		Mar-07
Power System Stabilizer Performance with Summing Point type Var/Power Factor Controllers	Rich Schaefer	TBD	
Improved Coordinated Response and Disturbance Rejection in the Critical Sections of Paper Machines	Anibal Valenzuela	TBD	