



INDUSTRY APPLICATIONS SOCIETY

**PULP & PAPER INDUSTRY
COMMITTEE**

MINUTES
of the

FULL COMMITTEE

MEETING

**2001 INTERIM COMMITTEE MEETING
BIRMINGHAM, AL
October 15, 2001**

WELCOME AND INTRODUCTIONS.....	4
SECRETARY’S REPORT.....	4
EXECUTIVE COMMITTEE REPORT.....	4
2001 PORTLAND CONFERENCE REPORT	4
2000 ATLANTA CONFERENCE CLOSE OUT REPORT.....	5
TREASURER REPORT/CONFERENCE AUDITS.....	5
STANDING SUBCOMMITTEE REPORTS.....	5
MEMBERSHIP.....	5
MAILING LIST	5
PUBLICITY.....	5
PAPER AWARDS AND PUBLICATIONS.....	5
FELLOWS NOMINATIONS	6
PPIC AWARDS	6
LIAISON REPORTS	6
CPPA	6
IEEE/IAS.....	6
TAPPI	6
IEEE- STANDARDS COORDINATING.....	6
IAS SAFETY COMMITTEE	6
OPERATING SUBCOMMITTEE REPORTS.....	6
EMMC.....	6
PDS	8
TSSC.....	8
DCS.....	8
CBS	8
2002 TORONTO TECHNICAL PROGRAM.....	9
FUTURE CONFERENCES	9
2002 – TORONTO, ON.....	9
2003 – CHARLESTON, SC	9
2004 – VANCOUVER, BC	9
2005 – JACKSONVILLE, FL.....	9
2006 – MIDWEST.....	10
OLD BUSINESS 10	
NEW BUSINESS	10
APPENDIX A:FULL COMMITTEE AGENDA	11
APPENDIX B: EMMC SUBCOMMITTEE.....	13
APPENDIX C PDS SUBCOMMITTEE.....	17
APPENDIX D TSSC SUBCOMMITTEE.....	20

APPENDIX E	DCS SUBCOMMITTEE	23
APPENDIX F	CBS SUB COMMITTEE	27
APPENDIX G	MEMBERSHIP REPORT	30
APPENDIX H	PAPER AWARDS AND PUBLICATIONS	34
	TECHNICAL PAPER AWARD WINNERS FROM 2001 CONFERENCE IN PORTLAND, OR.....	34
	<u>TECHNICAL PAPERS SELECTED FOR PUBLICATION FROM 2001 CONFERENCE IN PORTLAND</u>	35
	IAS Magazine	35
	Industry Application Transactions	36
	PAPER REVIEWERS FOR 2001 CONFERENCE IN PORTLAND	38
APPENDIX I: SENIOR MEMBER REPORT		39

**IEEE/IAS PULP & PAPER INDUSTRY COMMITTEE
INTERIM MEETING
MINUTES OF THE FULL COMMITTEE
SHERATON HOTEL
BIRMINGHAM, AL**

OCTOBER 15, 2001

WELCOME AND INTRODUCTIONS

Roger Jones called the meeting to order at 1:00 PM. He welcomed everyone to Birmingham and the Full 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 sign, as it is the official attendance list.

SECRETARY'S REPORT

Rory Johnson announced that the minutes from the last Executive Committee meeting had been sent out. A motion was made and passed to accept the minutes. Rory reported the following:

Total Active Members	124
Total Email	124
No Email	0
Undeliverable Emails	9

Rory discussed the problems he'd experienced with sending the conference meeting minutes. The main problem was that many of the committee members companies firewall rejected the zip files, especially the self-extracting. To compound that a major computer virus infected his company's network at the same time he was issuing the minutes. A different method of sending the minutes needs to be implemented or go back to mailing them.

A motion was made and passed in the Executive Committee Meeting to post the minutes on a web site then send an email to all of the committee members containing the link to the web site. Blake Lloyd volunteered to develop an FTP site for the minutes. An additional suggestion was made to put the committee membership list on the web site. Rory agreed to add the list to the web site if practical.

EXECUTIVE COMMITTEE REPORT

Rory Johnson reported that 19 were in attendance at the Executive Committee meeting. The meeting started at 5:30PM Sunday evening and ended at 7:40 PM. Full agenda with very good discussions.

2001 PORTLAND CONFERENCE REPORT

Jim Williams reported the conference attendance was 189 full, 24 one day and 8 life members for a total of 221. 167 people attended the social event, 245 the banquet and there were 63 guests registered. 60 people attended the tutorials and 27 the tour. The final financial tally shows a profit for the conference of \$21,000. \$14,000 was sent to the National Committee and \$7,000 to the Local Committee. Audit was completed by Brooke Dell Clifford, CPA and included in the final report sent to the IEEE National Office. Some advice from the local committee for future conferences included in the report:

- ◆ Signing the facility contract early with a negotiated room rate paid off with very attractive room rates.
- ◆ Working closely with the Marriott Hotel during and after the conference averted potential financial exposure when the committee reduced the room commitment and the hotel agreed not to hold them to the original count. All committee luncheons were held at the hotel and provided a great opportunity to develop a relationship with the hotel.
- ◆ Used the hotel to print all of the Conference signs on site and on demand.
- ◆ Stickers on the Conference badges worked very well for all event entry.

- ◆ Meal and coffee break head counts can be understated by 20-25% and still satisfy everyone's needs.
- ◆ Revisit conference decisions if necessary to avoid red ink.

2000 ATLANTA CONFERENCE CLOSE OUT REPORT

Charlie Canty related that the IEEE had originally said they lost the conference report but recently indicated they now had it. They are now completing the audit. The local committee had elected to have IEEE perform the audit to save the cost of an external audit. In the interest of expediency he would not recommend that method for future conferences. He still anticipates the conference will lose approximately \$1800.

TREASURER REPORT/CONFERENCE AUDITS

Blake Lloyd reported that the IEEE, PPIC bank balance is still \$0. The IEEE audit board is processing the final report of the Atlanta Conference. Portland Conference final report has been submitted to the IEEE for processing.

Blake has CD's containing pictures from the Portland Conference and will send out to anyone who would like one.

STANDING SUBCOMMITTEE REPORTS

MEMBERSHIP

Alan Lowe reported that membership had dropped to 124 members. Since the June Conference Meeting, there have been 4 new members, 0 resignations and 27 dropped for nonattendance, retirement, resignation or have transferred out of the industry. There are 3 pending application for membership from Ken Brink, Tim Hoy and Gary Wetzal. Members are dropped if they have not participated for 2 years.

Membership roster is available but some of the email addresses may be incorrect as the Access report truncated some of the longest ones. Rosters were passed out at the subcommittee meetings for everyone to update.

Jim Rooks spoke briefly about the IEEE initiative to increase the Senior Member population in IEEE. They are asking Societies like IAS and local Chapters to encourage and promote Member application for Senior Member status. 20 Members in the PPIC are eligible for Senior Member status. Would like them to be accepted by the 2002 IAS Conference in Mexico City. Jim is sending out a letter saying you are qualified with a form to fill out and send back to him. Please include a resume and references. He will fill out application and submit.

MAILING LIST

Bob Morse reported that the mailing list disk was updated with the corrections from the 2001 Portland Conference mailing list books, the 2001 conference registration disk and added names sent to him during the year. Bob indicated that he sent the revised mailing list disk to John Kay for the Toronto Conference Committee to use in generating mailing labels.

PUBLICITY

Ron Mehofer reported that the publicity release on the 2001 Technical Conference held in Portland, Oregon was sent to the IEEE Industry Applications Magazine on September 21. It will be published in the January/February 2002 issue. The article contains ten photographs from the conference as well as an invitation to all engineers to attend the 2002 conference in Toronto, Ontario in June.

PAPER AWARDS AND PUBLICATIONS

Laurie Chilar reported on the first, second and mill paper awards from the Portland conference. 13 papers were submitted to the IAS Magazine and eight papers were recommended for publication in the IAS Transactions Register. See Appendix for a full report.

Clayton Reid suggested in the Executive Committee Meeting that the Committee consider increasing the prize paper award money. See PPIC Awards for additional information on awards committee.

FELLOWS NOMINATIONS

Clayton Reid reported that he felt the Fellows application to IEEE for John Holmquist was a good presentation and was confident of the opportunity. A good sign was that the selection committee approached one of the references. Of the total number recommended by the IAS, it was equally split between industrial and academic. Announcement will be made in November 2001.

Only 22 women in the IAS are Sr. members and no women are IEEE Fellows. It's an area of concentration for the IAS.

PPIC AWARDS

Russ Thrift reiterated the Meritorious Service Award was presented to Jim Rooks and The Meritorious Engineering Award to Shoaib Kahn at the June 2001 conference. Nominations for next year's awards need to be made by the interim meeting. He has received nominations for the 2002 conference. He also recognized past recipients of the awards that were in attendance.

Clayton Reid had suggested in the Executive Committee Meeting that a plaque be given to the recipients instead of the certificate. It was decided that an adhoc committee consisting of Laurie Cihlar, Russ Thrift and Clayton Reid develop recommendations for all awards. The committee met this morning to discuss awards. The monetary awards for prize papers and different approaches to the type of awards were topics. What types of award that's best to recognize the individual should be the priority.

Liaison Reports

CPPA

Clayton Reid reported that the 2002 CPPA, PAPTECH annual meeting is the end of January. The conference is also suffering through a decline in attendance. Invited IEEE members to attend. Technical Committee is also struggling for papers for the conference.

IEEE/IAS

Clayton reported the IAS Conference held in Chicago in September was well-attended (624) despite the September 11 events. New IAS President for 2002 is Mark Nelson. Clayton hopes he will be able to attend the 2002 PPIC Technical conference.

TAPPI

Burt Judson reported that the TAPPI PCE&I Committee interim meeting scheduled to be held in San Antonio September 16 & 17 was canceled as was the TAPPI Engineering Conference September 17-19. 2002 conference will be held in Atlanta March 3 - 6. There will be a Paper Summit show in conjunction with the conference. The show will become an every 3-year addition to the conference. The TAPPI Paper Making Division will also be conducting their technical conference in conjunction with the PCE&I. Hank Wachter who works for Allen Bradley was nominated for the TAPPI board of directors. Be sure to consider him when you vote.

IEEE - STANDARDS COORDINATING

Jim Daly did not attend the meeting.

IAS SAFETY COMMITTEE

Larry Thomas was appointed by the Executive Committee to represent PPIC on the IAS Safety Committee.

OPERATING SUBCOMMITTEE REPORTS

EMMC

Rhonda Banks reported that her committee had 9 persons present this morning out of a membership of 24. EMMC had 5 excused absences and 10 unexcused absences with no guests. Paper reviewer for the 2002 conference is Allen Watson and the alternate Rick Watkins. Subcommittee has 2 nominations for meritorious awards to submit. A

suggestion was made in their meeting to reduce the number of papers and replace them with roundtable discussions. Suggested tutorial subjects were “Trees to Paper”, Motor and Starter Application, Safety Related Topics (See full report in Appendix).

Potential papers for next year:

Number	Type
0	A
3	B
6	C
8	D
2	E

PDS

Bruce Graves reports 14 members in attendance this morning out of a membership of 39. 17 absences were excused and 8 unexcused. Paper reviewer for 2002 is Steve Dyrnes with Alex Wu as the alternate. Subcommittee had a very good discussion on generator grounding. IEEE/IAS is developing an update on the standards for Generator Grounding. (See full report in Appendix).

Potential papers for next year:

Number	Type
4	A
2	B
2	C
0	D
0	E

In addition they have two tutorials; "Application for Medium Voltage" and "Disturbance Monitoring".

TSSC

Jim Williams reported 14 members with 7 present. There were 5 excused absences, 2 unexcused absences and no guests. Paper reviewer is Bob Jordan with Steve Pittman as alternate. (See full report in Appendix).

Potential papers for next year:

Number	Type
2	A
0	B
2	C
2	D
4	E

In addition they are proposing one panel and one tutorial "Cable Applications".

DCS

Bob Olsson reported 16 present out of 46 total members with 13 excused absences, 17 unexcused absences and no guests. Paper reviewer for 2002 is Del Seaver with the alternate Duncan Rhodes. (See full report in Appendix).

Potential papers for next year:

Number	Type
10	A
1	B
3	C
6	D
6	E

In addition they are proposing one tutorial "Drive Control".

CBS

John Thompson reported 4 of 11 members present with 5 excused absences and 2 unexcused absences. CBS had no guests this morning. Paper reviewer for 2002 is Mike Jhaveri with Steve Trussell as the alternate. (See full report in Appendix).

Potential papers for next year:

Number	Type
4	A
3	B
1	C
0	D
7	E

In addition they are proposing one panel and one tutorial for 2003.

2002 TORONTO TECHNICAL PROGRAM

Ron Simpson reviewed the 2002 program potential. Ron reported that the total potential papers from the subcommittee meetings compared to the last two years were:

	A	B	C	D	E	Tutorial	Panel
2001	20	9	14	16	19	2	1
2000	31	7	18	10	21	2	1
1999	19	17	8	11	3	3	1

Ron commented that the tally looked smaller than last year at this point but if the A's and B's develop into papers it should still be a full program for next year's conference.

Changes to the authors guide were emailed to the subcommittee chairman.

1. Require 5 hard copies for graders.
2. Require electronic form for paper submittal. Word for Windows format.

Ron had experienced problems with papers that had non-standard fonts and those submitted in .pdf format. Main problem with .pdf is Ron's inability to change the content without the Adobe software to change the documents.

FUTURE CONFERENCES

2002 – TORONTO, ON

John Kay reports that a strong conference committee is in place and has met. Finance Chairman held the same position for the PCIC Conference. Conference will be June 16 to 20, 2002. They submitted a request to IEEE and have finally received seed money of 5% of proposed budget. A mistake at IEEE originally sent the money to the PCIC. Clayton Reid intervened and straightened it out. Conference banners have been forwarded to John. Web site www.pulpandpaper2002.com is up and running. It is also being listed on the Canadian PAPTEC site. Negotiating with the hotel on final commitment for room numbers. Vancouver conference used 1700 room nights but with the conference reductions they are looking at 1200 room nights. Proposed tours include the first Hydro Generation facility, Toronto Transit System central control and the High Current Test lab. Also exploring guest program ideas. John urged everyone to bring a guest. Local committee expects to put on a conference that will entertain and educate you.

2003 – CHARLESTON, SC

Rhonda Banks reports that the hotel has changed from the Charleston Place to the Westin Francis Marion downtown. It is a new resort on the national registry. Sign tentative contract with the hotel subject to IEEE approval. Conference dates are June 15 to 20. The hotel rate is \$139. Soliciting for committee members.

2004 – VANCOUVER, BC

Mark Weaver reported that they are still on schedule for the 2004 conference in Vancouver. He is presently looking for a less expensive hotel in Vancouver.

2005 – JACKSONVILLE, FL

Rich Butler reports that in 2005 the PPIC will return to the Florida theme with a conference to Jacksonville. Future Super Bowl will be played there and 2 new large hotels are being built. Jacksonville will be more convenient as most of the committee lives there. May also help with the issue of Orlando being viewed as a resort location.

2006 – MIDWEST

Jim Closson had volunteered to be the chairman for a 2006 conference in St. Louis but there is concern about enough people to build a local committee. Dave Rollay volunteered to be local Chairman for a Milwaukee, WI conference in 2006 and has commitment from people to serve on the committee.

OLD BUSINESS

It was decided in the Executive Committee meeting that the officers would review the alternatives for location of the next interim meeting and select a location. If anyone has any input they need to give it to the selection committee in the next few days. Agreed that it was important to select a location that would maximize attendance.

NEW BUSINESS

Duncan Rhodes asked about the possibility of sending the conference record out in electronic format before the conference. The general feeling was that it would be too complex to do and create other problems. Could possibly look at putting on the web site used for committee minutes. Could pose copyright issues and still may not be enough time to setup. May look at again at future date.

THE MEETING WAS ADJOURNED AT 2:21 PM.

Appendix A:FULL COMMITTEE AGENDA

**IEEE PULP & PAPER INDUSTRY COMMITTEE
INTERIM MEETING
MEDICAL FORUM B - SHERATON HOTEL - BIRMINGHAM, AL
MONDAY, OCTOBER 15, 2001, 1:00 PM**

1 - Welcome & Introductions	Roger Jones
2 - Review/Approval of Minutes of 6/18/01 Meeting	Rory Johnson
3 - Executive Committee Report	Rory Johnson
4 - Portland Conference Report	George Matto
5 - Treasurers Report/Conference Audits	Blake Lloyd
a - Atlanta Audit Report	
b - Portland Audit Report	
6 - Standing Subcommittee Reports:	
a - Membership	Alan Lowe
1 - Senior Member Campaign	Jim Rooks
b - Mailing List	Bob Morse
c - Publicity	Ron Meihofer
d - Paper Awards	Laurie Cihlar
e - PPIC Awards	Russ Thrift
f - Fellows Nominations	Clayton Reid
7 - Liaison Reports:	
a - PAPTEC (CPPA)	Clayton Reid
b - IEEE-IAS	Clayton Reid
c - TAPPI	Burt Judson
d - IEEE - Standards Coordinating	Jim Daly
e - IAS Safety Committee	Larry Thomas
8 - Operating Subcommittee Reports:	
a - EMMC	Rhonda Banks
b - PDS	Bruce Graves
c - TSSC	Jim Williams
d - DCS	Bob Olsson
e - CBS	John Thompson
10 - 2002 Toronto Conference Report	George Matto
11 - 2002 Toronto Technical Program	Ron Simpson
12 - Future Conferences:	Charlie Canty
2002 - Toronto, ON	John Kay
2003 - Charleston SC	Rhonda Banks
2004 - Vancouver, BC	Philip Fransen
2005 - Jacksonville, FL	Rich Butler
2006 - (Virginia? St. Louis? Milwaukee?)	
13 - Old Business	
a - Year 2002 interim meeting location and date	Dave Rollay
14 - New Business	
a -	

APPENDIX A

FULL COMMITTEE AGENDA

Adjourn Full Committee Meeting approximately 3:30 PM!

APPENDIX B: EMMC SUBCOMMITTEE

**EMMC
SUBCOMMITTEE
MEETING MINUTES**

October 15, 2001 – Birmingham, Alabama

Meeting Date: October 15, 2001

Meeting Start: 8:00 AM

Meeting Adjourned: 12:00 PM

Recorded By: Laurie Cihlar

Total Members: 24

Members Present: 9
Rhonda Banks
Laurie Cihlar
Dave Durocher
Rory Johnson
Burt Judson
Larry Menche
Robert Montgomery
Russ Thrift
Rick Watkins

Members Excused: 6
Peter Baen
Del Decker
Frank Newman
Wayne Vinson
Allen Watson
Roland Roberge

Members Not Excused: 9
Ken Bruni
Bruce Campbell
Tom Campbell
Rich Carle
Pete Dalpe
John Fagen
Tim Hoy

Zafer Mohuiddin
Bill Polley

Paper Reviewer: Allen Watson (Alternate: Rick Watkins)

Introduction

A list of the EMMC members was circulated for updating and attendance.

Announcements

Eight EMMC papers were presented at the Portland Conference.

The Toronto conference web site is up and running now.

All eligible members who are not senior members were encouraged to apply. Interested applicants should contact Jim Rooks.

General Business

Highlights of the Executive Committee Meeting were reported.

- There have been a lot of problems with the bulk emailings with attachments. A web site will be created to enable future download of meeting minutes.
- There are 4 new members, including Allen Watson from EMMC.
- The meritorious award recipients from the Portland conference were mentioned.
- Larry Thomas will be the liaison for the annual IAS Electrical Safety Workshop. The conference will be held January 16-18, 2002 in Biloxi, Mississippi.

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

A suggestion was made to reduce the number of conference papers and have a ½ day of round table discussions. There was also a lot of discussion about declining membership and attendance and how to attract younger people to the industry. There is an ad hoc executive committee group looking into conference format and locations to promote new members.

A list of tutorial ideas was passed out and discussed. The committee was interested in tutorials on:

Motor applications and protection.

Project management during startup

Trees to Paper

Safety Training

The committee reviewed the Portland Survey topics of interest for future papers. The group was interested in converting plant applications, more case histories, and process control optimization.

Meritorious Award Nominees

Meritorious Service: Frank Newman

Meritorious Engineering: Mark Weaver

Future Papers

The list of future papers is attached.

APPENDIX B

EMMC SUBCOMMITTEE

FUTURE PAPERS

Number	Title	Author1	Author2	Sponsor1	Reviewer1	Reviewer2	Reviewer3	Reviewer4	Status	Comments
2002-18	THE ECONOMICS OF CHANGE	JOHN POISSON		DAVE DUROCHER	BURT JUDSON	LAURIE CHILAR	RHONDA BANKS	ROBERT MONTGOMERY	C	
2002-16	WHY A LUMP SUM CONTRACT IS THE HIGHEST COST APPROACH			DEL DECKER	FRANK NEWMAN	RHONDA BANKS	LAURIE CHILAR		C	WAITING ON ABSTRACT FROM DEL. LOOKS GOOD FOR TORONTO
2002-15	WHOLESALE POWER SALES OPPORTUNITIES FOR PULP & PAPER / EPC	ALLEN MEYER		LARRY MENCHE					D	RORY TO CONTACT AUTHOR
2002-8	NEC ENFORCEMENT OF FOREIGN MADE EQUIPMENT			RICH CARLE					D	RHONDA WILL CONTACT RICH FOR UPDATE. LARRY WILL ALSO PURSUE
2002-14	UPDATE ON ENVIRONMENTAL PROTECTION IN ELECTRICAL CONTROL EQUIPMENT ROOM	JOSE' GONZALEZ		RHONDA BANKS					D	ROBERT AND RHONDA WILL PURSUE THIS WITH JOSE'. WOULD BE A CHARLESTON PAPER
2002-9	OPTIMIZING MAINTENANCE BY INTEGRATING TECHNOLOGIES AND	AUGIE DIGIOVANNI		TOM GRUDKOWSKI	DAVE DUROCHER	WAYNE VINSON	BRUCE CAMPBELL	ROBERT MONTGOMERY	B	RORY WILL TRY TO FIND TOM'S EMAIL ADDRESS TO CONTACT
2002-1	CASE STUDY OF A TURBINE-GENERATOR FAILURE	MARK WOODMAN		LAURIE CHILAR	RORY JOHNSON	RHONDA BANKS			C	LAURIE WILL CHECK WITH MARK WOODMAN FOR UPDATE
2002-12	TRANSFORMER MAINTENANCE	LARRY CHRISTODOULOU		LARRY MENCHE	RICK WATKINS	DEL DECKER	PHIL POOLE		C	LARRY WILL WORK WITH AUTHOR TO GET PAPER GOING. DAVE TO CO-SPONSOR
2002-2	CHANGES IN THE NEC FOR PULP AND PAPER APPLICATIONS	FRED HARTWELL		LARRY MENCHE					D	LARRY MENCHE IS TRYING TO FIND A COMMITTED AUTHOR
2002-13	TOROIDAL COIL SOLUTIONS FOR AC INVERTED FED MOTOR BEARING			RORY JOHNSON					D	SEARCHING FOR AUTHOR
2002-3	CORROSION STUDIES IN PULP & PAPER CONTROL ROOM ENVIRONMENTS	TOM SHELTON		ROBERT MONTGOMERY	RORY JOHNSON	RHONDA BANKS			D	NO UPDATE
2002-7	INDUCTION MOTOR BEARING SELECTION	MARK HODOWANEC	BILL FINLEY	BRUCE CAMPBELL	RORY JOHNSON	BURT JUDSON	RICH CARLE	DAVE DUROCHER	B	RHONDA WILL GET IN TOUCH WITH AUTHOR
2002-17	TECHNICAL REQUIREMENTS FOR COGENERATION			RORY JOHNSON					E	RORY WILL TRY TO FIND AN AUTHOR
2002-4	ENERGY SAVING GRANT OPPORTUNITIES FOR MILL PROJECTS	JOHN GREENE	TOM TRUEB	RICK WATKINS	DEL DECKER	RHONDA BANKS	BURT JUDSON	ALLEN WATSON	C	RICK WILL TALK TO JOHN GREENE FOR UPDATE
2002-10	PARTIAL DISCHARGE TESTING OF MEDIUM VOLTAGE INDUCTION MOTORS	DAVE BEZESKY		BRUCE CAMPBELL	RICK WATKINS	DEL DECKER	DAVE DUROCHER	RICH CARLE	B	RHONDA WILL CONTACT BRUCE FOR UPDATE
2002-18	PROCESS CONTROL OPTIMIZATION			RORY JOHNSON					E	
2002-11	RELIABILITY ASPECTS OF BRUSHLESS SWITCH RELUCTANCE TECHNOLOGY	TIM ALBERS	ROY BLAKE	TOM GRUDKOWSKI	ROLAND ROBERGE	BURT JUDSON	ROBERT MONTGOMERY		C	RORY WILL TRY TO FIND TOM'S EMAIL ADDRESS TO CONTACT
2002-5	EVALUATION OF MOTOR IMPEDENCE TESTING	JOE ARMSTRONG		RICK WATKINS	RHONDA BANKS	BURT JUDSON			D	RICK WILL TALK TO JOE ARMSTRONG FOR UPDATE
2002-6	HAZARDOUS AREAS IN THE PULP AND PAPER INDUSTRY	JIM BRYAN		RICK WATKINS					D	POTENTIAL FOR CHARLESTON. RORY WILL TALK TO PETER

APPENDIX C PDS SUBCOMMITTEE
Power Distribution Systems
SUBCOMMITTEE
MEETING MINUTES
Birmingham, AL

Meeting Date: October 15, 2001

Meeting Start: 8:00 am

Meeting Adjourn: 11:50 am

Minutes Recorded by: Bruce Graves / Bucky Hammonds

Total Members: 39

Members Present: 14

Bruce Graves	Bucky Hammonds
Robert Adams	Rayburn Smith
Alex Wu	John Levine
Jim Closson	Ron Simpson
Gus Henson	Douglas Moody
Jay Das	Jamie Lyles
Charlie Canty	Robert Beltz

Excused Absences: 17

Don Deyo	Steven Dymes
Shoaib Khan	George Matto
Vernon Newbill	Clifford Normand
Bud Palmer	Elton Parker
Larry Pryor	SP Reddy
Ed Reid	Richard Schaefer
Ed Sexton	Glenn Smith
Bill Vilcheck	Bill Nolley
Tim Crnko	

Resignations: 1

Doug Frushour

Unexcused Absences:8

Guests:0

Meritorious Award Nominee: None

Meeting Minutes

Introduction

The subcommittee meeting started @ 8am and all were welcomed especially under the present economic times and national tragedy. Each member and guest was asked to introduce themselves.

Bucky Hammonds has agreed to be the subcommittee secretary.

The membership list was circulated for correction and updates and also a sign-in sheet was circulated. Doug Furshour has resigned from the general committee and the power distribution subcommittee and expressed his appreciation enjoyment in being a part of our committees.

General Business

The executive committee meeting notes were reviewed and Meritorious Engineering and Meritorious Service Awards nominations were requested. Future General Committee Meeting Minutes will be available on a web site and the General Committee Secretary will email each member advising him or her where to find the Meeting Minutes. It will be the responsibility of each of us to go to the web site and download the minutes.

Ron Simpson was asked to review the responsibility of the sponsors. Ron also noted that the Author's Guide, 2002 Paper Schedule and Style Sheets (have been updated). Each Subcommittee Chairman has a copy of this in electronic format. Bruce Graves will distribute this to each of the authors for the 2002 Conference. Contact Bruce Graves if you want a copy for future reference. Ron also advised that the papers need to be generated as a Word Document using the Style Sheet included in the Author's Guide. In the event a font selected by the author is not included in the Style Sheet the font used must be sent to Ron for his use in publishing the paper. Paper submittals will be electronic and the paper graders will need 5 copies.

The IEEE/IAS Pulp and Paper Industry Committee has agreed to support the IAS Safety Workshop. The next Safety Work Shop will be held January 16 – 18, 2002 in Biloxi, Mississippi at the Beau Rivage Hotel. There was also some discussion about NFPA 70E during the Safety Workshop discussion.

Cliff Normand sent an update on the IEEE/IAS Generator Grounding Recommendations. Cliff advised that the IAS paper will be presented in four parts and is expected to be presented at the Annual IAS Meeting next fall.

A number of members of the subcommittee expressed concern regarding our shrinking ranks. If you have any ideas send them to your subcommittee chairman or to Allen Lowe (Membership Chairman).

A list of suggested tutorials was distributed during the meeting. It will be forwarded to each subcommittee member for review and further comment. IEEE/IAS has suggested that we market the Tutorials to help boost conference attendance. When you get this, please review with your staff, management and peers for sources of existing expertise in this area that we might be able to include in our conference as a drawing card for the conference.

Paper Graders for the 2002 Conference are Steve Dyrnes with Alex Wu as backup.

Future Papers

The committee reviewed the list of papers for 2002 / 2003 and updated it. The present status presented at the general committee meeting is as follows:

Paper Status	Year 2002	Year 2003
A Papers	4	0
B Papers	2	1
C Papers	2	2
D Papers	0	3
E Papers	0	1
Tutorials	2	0

A tabulation of these papers follows with this report.

FUTURE PAPERS

Number	Title	Author1	Author2	Sponsor1	Reviewer1	Reviewer2	Reviewer3	Reviewer4	Status	Comments
2002-01	Transformer Specification: Costly Common Misconceptions	Roger A. Bengtson		Ed Reid	Charlie Canty	Dave Burrow	Robert Adams		B	New Subject 2001
2003-02	Medium Voltage Passive Filters - Potentialities and Pitfalls	Jay Das		Robert Adams	Cliff Normand	Vernon Newhill	Alex Wu		B	
2002-06	Disturbance Monitoring Tutorial			Bill Vilcheck					A	Outline In Hand & Instructors Identified
2002-09	Application and Protection Considerations Of Medium Voltage AC Motors in Pulp and	Shoaib Khan	Peter Thomas	Charlie Canty					A	Outline In Hand and Instructors Identified
2002-04	Bus Transfer Systems - Requirements, Implementation & Experiences	Jack McCall		Charlie Canty	Jay Das	Alex Wu	Robert Adams		B	New Subject
2003-05	Case Study in Generator Brush Changing Procedures			Doug Moody					D	
2003-07	Follow-Up Digital Relay Testing			Jim Closson					D	
2002-05	Case Study of Electrical System Reliability and Upgrade Justification	Alex Wu	Jerry King Yousein Taha	Robert Adams	Glenn Smith	Doug Moody	Steve Dyrnes		A	Was No. 1
2002-10	Surges Transferred Through Transformers	Jay Das		Shoaib Kahn	Robert Adams	Steve Dyrnes	Ed Reid	Bill Vilcheck	A	Was No. 6
2002-03	Mill Benefits of Upgrading Generator Protective Relaying	Doug Moody	Chuck Mozina	Robert Adams	Charlie Canty	Jay Das	Jim Closson		C	Was No. 12 - Evolved from Proposed Panel
2002-12	Retrofitting SCT-PPT Excitation Systems With Digital Control	Rich Schaffer		Jim Closson	Charlie Canty	Jay Das	Doug Moody		A	Proposed after SC Meeting
2003-01	Industrial Generator Grounding Recommendations			Cliff Normand					D	Was No. 13
2003-04	Arc Resistant Switchgear Application and Installation			John Levine					D	
2003-06	Mitigating Capacitor Switching Overvoltage	Jay Das		Rih Schaffer					C	
2002-08	Over Current Protection for Energy Efficient Motors	Steven Dyrnes		Alex Wu	Doug Moody	Bruce Graves	Jay Das		C	New Subject 2001
2002-02	The Evolution of Power Quality Data Acquisition Systems - Triggering to Capture Power Quality Events	Dan Carnovale	Dan Ellis	Bob Beltz	Jim Closson	Ron Simpson	Doug Moody		A	
2003-03	Generator Grounding Options	Alex Wu		Cliff Normand					C	

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

Meeting Date: October 15, 2001

Recorded by: Jim Williams

Members Present: Jim Daly Paul Rouillier
Bob Finke Jim Williams
Roger Jones Clayton Reid
Bob Jordan

Total: 7

Excused Absence: Malcolm Steeves
Jim Harris
Tim Crnko
Mike Glenn
Steve Pittman

Total: 5

Unexcused Absence: Gary Wetzel
Mike Poynter
Ralph Shead

Total: 3

Total Members: 15

Distribution: Subcommittee Members, Guests.

Introduction

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

Announcements & General Business

1. Committee now has a website, so send an email to verify address.
2. All papers to be electronic, be sure to read the writers guide so will have the proper font and no **PDF**.
3. Service award nominee was made.
4. Discussed having the interim meeting over Sat/Sun to cut down on time away from the plants/offices as well as helping in keeping costs down.
5. Check out having the interim meeting at a major hub to help in getting members to attend.
6. Electric safety workshop, look to co-sponsor by PPIC, will review with Larry Thomas.
7. Paper reviewer-Bob Jordan, Steve Pittman as backup.

Future Papers

See attached paper summary list.

2002 Papers:

- #2-ready out to reviewers next week
- #3-on hold because of politics
- #4-gone
- #5-check to see what aspects of 70E move up from 2004, may work for panel with paper on Thursday, Roger's thoughts
- #6-may not be enough for a paper
- #8-check with Mike P
- #11-move to 2003? Contact Gary

Possible topics-

- Cable types and installation practices-tutorial
- Videotape tutorials so can send to other areas for those that can't attend, do on CD with power point-

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

October 15, 2001

Adjournment

The Chair adjourned the meeting.

APPENDIX D

TSSC SUBCOMMITTEE

FUTURE PAPERS

Number	Title	Author1	Author2	Sponsor1	Reviewer1	Reviewer2	Reviewer3	Reviewer4	Status	Comments
2	Changes in Insulated Cable Standards	Bob Finke		Jim Daly	Ralph Shead	Clayon Reid	Bob Jordan		A	List of Consolodated Power and Control Stands
4	Changes in the NEC and How They Effect the Pulp and Paper Industry	Tim Crnko		Bob Jordan					C	Panel 1st choice. Abstracts to be published
3	Comparison of Different Maintenance Methods and Their Effectiveness			Jim Williams					D	Paper or Panel? Include Multicraft Training
3	Computer Aided Training			Mike Poynter					D	
7	Electrical Safety Considerations in Paper Mills	Bob Beltz	Mike Barron	Bill Vilcheck	Bob Jordan	Mike Poynter	Ralph Shead		C	Caution, may also be listed as a PDS paper
1	How to Increase Safety Without A Formal Program	Malcolm Steeves		Steve Pittman					C	
3	IEEE SCC 28 and How it Will Effect the Pulp and Paper Industry	Jim Daly		Bob Jordan					C	Acute Effects of Exposure to EM Fields 0 - 2 KHz
11	IEEE Test Standards for Metal Enclosed and Metalclad Switchgear			Gary Wetzel					D	
10	NFPA 79 and the Impact on the Pulp and Paper Industry			Tim Crnko					D	
5	Update on NFPA 70E (Electrical Safety in the Workplace)	Tim Crnko		Clayton Reid	Paul Rouillier	Ralph Shead	Steve Pittman		C	
3	Harmonization of the NEC and The CEC Amendment	Jim Daly		Clayton Reid					C	

APPENDIX E DCS SUBCOMMITTEE**DRIVES AND CONTROLS
SUBCOMMITTEE
2001 Interim Meeting Minutes**

Meeting Date:	Monday, October 15, 2001
Meeting Start:	8:00 AM
Meeting Adjourn:	12:00 noon
Recorded by:	Duncan Rhodes
Total Members:	46
Members Present:	16
Members Excused:	13
Members Not Excused:	17
Guests:	0
Paper Reviewer for 2002:	Del Seaver (Alternate: Duncan Rhodes)
Meritorious Award Nominees:	None
Conference Volunteers:	Audio/video back-up for Blake Lloyd: Duncan Rhodes

Introduction

All members introduced themselves.

No guests were present

Announcements

Duncan Rhodes is now secretary of this subcommittee.

Old Business

The minutes from the June 2001 Annual Meeting were read and approved.

The next Annual Meeting is scheduled for Toronto, Canada on June 16 to 20, 2002. The website address is www.pulpandpaper2002.com. The hotel is the Sheraton Center.

For reference, the schedule for papers is as follows:

10/15/01	Rough Drafts sent to reviewers
10/22/01	Authors kits sent to authors by Subcommittee Chairman (Bob Olsson)
11/7/01	Reviews of Drafts due back to Sponsors
12/19/01	Final Drafts sent to reviewers
1/23/02	Reviews of Final Drafts due back to Sponsors; Copyright Forms due; Author's Data & Release Forms due
3/5/02	Final Manuscript due into Program Chair (Ron Simpson)

APPENDIX E

DCS SUBCOMMITTEE

All reviewers should check the official guide to make sure that the role of the reviewer is understood. It is the responsibility of the reviewer to check the paper's accuracy, but not be the editor. All those people who volunteered to review a paper should do just that; normally only about half of the papers are returned from the reviewers..

It is also important that the sponsor not only coordinate the reviews of the paper, but also check the presentation itself to make sure it conforms to IEEE guidelines. Since the presentations are all in Power Point, they can be easily sent from the author to the sponsor. The question was raised as to whether an official step exists or needs to be added to the guidelines to incorporate enough time for this review.

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

New Business

Rory Johnson is forming a committee to determine possible methods to increase attendance. Please call him as soon as possible if you would like to participate.

A committee was formed by the Executive Board to look into the possibility of differentiating some of the awards. A report is expected by the June Conference.

Jan/Feb 2000 IAS Magazine will have data and pictures from the Portland Conference last June. Be sure to look for it.

This committee needs to produce some candidates for the Meritorious Service Award. If you have any nominations, be sure to send them to Roger Jones, who will pass them on to Russ Thrift.

Future Papers

Potential papers for 2002:		Potential papers for 2003:	
Number	Type	Number	Type
10	A		A
	B	1	B
1	C	2	C
	D	6	D
	E	7	E

See attached Excel paper summary list.

Member and Attendance List

See attached Excel summary list.

Adjournment

Bob Olsson adjourned the meeting at 12:00 noon.

APPENDIX E

**DCS SUBCOMMITTEE
FUTURE PAPERS**

Number	Title	Author1	Author2	Sponsor1	Reviewer1	Reviewer2	Reviewer3	Reviewer4	Status	Comments
1996-10	Paper Machine E-Stop History	Walter Jones		J. Alan Lowe	John Thompson	Richard Kane	B. Graves	Mark Weaver	A	10/01: Walt Jones will have ready for 2002 per Allen Lowe
1996-15	Electric Welder Practice in Paper Mills	{Lincoln Electric}	{Miller - Appleton} Mark Zawadzki	Dave Rollay	D. Ray Crane	Duncan Rhodes	Walt Jones	Patrick Link	D	10/01: Bob Olsson will contact Lincoln, Miller to help. Subjects to include safety issue, damage to other equipment in mill, etc.
1997-02	AC Motor Optimization for Unwind Applications	Duncan Rhodes	Burt Judson	Mark Weaver	Pete Werner	Walt Jones	J. Alan Lowe	Mark Zawadzki	C	10/01: Jim Rooks, John Malinowski to help get data from others
1999-02	Synchronous Motor Field Protection and Control Applications			Russ Ford	Mark Weaver	Hank Wachter	John Kay		E	10/01: Need author. Russ Ford to locate.
2000-03	The Effects of Soft Covered Rolls Being Nipped and the Resulting Effects on Roll Regulation	Walt Jones		Alan Lowe	Philip Fransen	Duncan Rhodes	Bob Morse	Pete Werner	A	11/01: Walt Jones will have ready to 2002. Distributed Rough Draft 10/00.
2000-12	Case History - Design Considerations of Drive System Installations	Warren Hopper		John Holmquist	Pat Link	Walt Jones	Dave Mintzloff	Mark Weaver	C	6/01: Plan to go ahead per Holmquist.
2001-01	Case History - Application Issues with Mill Applied Coordinated Drive System			Jim Mantooth	Pete Werner	Walt Jones	Bob Morse	Rich Butler	E	11/01: Canceled per Jim Mantooth
2001-02	Case History - Paper Machine Speedup	Philip Fransen	Gary Ressor	Mark Weaver	Alan Lowe	Ron Mehofer	Bob Olsson	Walt Jones	D	10/01: Weaver to check with Fransen and update. Need author
2001-04	Drive Application for Bridge Cranes			Mark Weaver	Pete Werner	Tim Albers	Alan Lowe	Mark Zawadzki	D	10/01: John Malinowski to find an author. No luck as of 11/01
2001-09	Calibration Issues for Segmented Tension Transducer Rolls	Pete Werner		Mark Weaver	Pat Link	Dick Kane	John Bentley	Dave Mintzloff	A	10/01: Ready for presentation in 2002
2002-01	Proper Drive Installation for Adjustable Speed Drives	Pat Link		John Bentley	Erwin von der Ehe	Warren Hopper	Duncan Rhodes	John Kay	C	10/01: Pat Link will do testing. Customer will need to help.
2002-02	A Lime Kiln Drive from DC to AC	Cameron Carr		Jim Rooks	Mark Weaver	Allen Lowe	Pete Werner	Pat Link	A	10/01: Rough Draft distributed.
2002-03	Cutter Distance Sensor for Cutter Knife Drives	Ralph Kennel		Mark Weaver	Duncan Rhodes	Bob Morse	John Thompson	Dave Mintzloff	A	10/01: Rough Draft distributed.
2002-04	AC Induction Motor Specifications: An Update On Currently Available Procedures and Options	John Malinowski	Jim McCormick	Allen Lowe	Mark Weaver	Ken Brink	Tim Albers	Russ Ford	A	10/01: Rough Draft distributed.
2002-05	AC Electric Motor Efficiency Designations and Standard Tables	Jim Rooks		Tim Albers	Preston Jackson/Del Decker	Dave Mintzloff/Mark Zawadzki	Erwin von der Ehe/Duncan	Bob Giese	A	10/01: Rough Draft distributed.
2002-06	Understanding the New EASA Mechanical Repair Guideline	Cynthia Nyberg	Austin Bonnet	Tim Albers	Allen Lowe/John	Duncan Rhodes	Erwin von der Ehe	John Holmquist	B	10/01: Conflict with EASA Show. Moved to 2003.
2002-07	Motor Temperature Considerations for Pulp and Paper Mill Applications	Tim Albers		John Holmquist	Jim Rooks	Mark Weaver	Ron Mehofer	Ken Brink	A	10/01: Rough Draft distributed.

APPENDIX E

DCS SUBCOMMITTEE

Number	Title	Author1	Author2	Sponsor1	Reviewer1	Reviewer2	Reviewer3	Reviewer4	Status	Comments
2002-08	Sensorless Tension Control in Paper Machines	Anibal Valenzuela	John Bentley	Pat Link	Allen Lowe	Dave Mintzloff	Bob Geise	Ken Butler	A	10/01: Rough Draft distributed.
2002-09	The Impact of Voltage Utilization on AC Drives	Pete Werner??		Duncan Rhodes					D	10/01: Pete Werner to find author
2002-10	Thermal Evaluation For Applying TEFC AC Induction Motors	Anibal Valenzuela L.	Pablo Verbakel D.L.	Mark Weaver	Tim Albers	John Malinowski	J. Alan Lowe	Duncan Rhodes	A	10/01: Rough Draft distributed.
2003-01	Paper Machine Drives			Dave Mintzloff					E	6/01: Dave Mintzloff to investigate & develop an electrical counterpart to TAPPI
2003-02	Energy Efficiency on Variable Speed Drive Systems			John Malinowski					E	10/01: Mark Weaver to advise
2003-03	Case History of A Paper Machine Upgrade in Latin America	Diego Alvarez	Gustavo Lenis	Ron Meierhofer					D	10/01: Startup in Feb/02
2003-04	DC Motor Flashover Case History			Tim Albers					E	
2003-05	Bus Capacitor Life in AC Drives	Don Laborde	Mark Zawadzki	Duncan Rhodes					E	
2003-06	Replacement of Mechanical PIV's by AC Drives			Duncan Rhodes					E	10/01: Duncan to find a mill to prepare this
2003-07	Mill Requirements For Drive System Trending	Mark Zawadzki		Duncan Rhodes					D	

APPENDIX F CBS SUBCOMMITTEE
COMPUTER BASED SYSTEMS
SUBCOMMITTEE
OCTOBER 15, 2001 MEETING
MINUTES

Meeting Date: October 15, 2001
Meeting Start: 8:00 AM
Meeting Adjourn: 11:30 AM
Recorded by: John C. Thompson / Blake Lloyd

Total Members: 11

Members Present: 4

Blake Lloyd	Larry Thomas	John C. Thompson
Hank Wachter		

Members Excused: 5

Mike Jhaveri	Stan Merritt	Reno Tonsi
Steve Trussell	Janet Flores	

Members Not Excused: 2

Guests: 0

2002 Paper Reviewer:

Mike Jhaveri and Steve Trussell as alternate

2002 Meritorious Award Nominees:

Service – Dave Rollay, Engineering – Pete Crawford

Introduction

John Thompson welcomed everyone to the Interim Meeting and asked everyone to introduce themselves.

Minutes of the last meeting were accepted.

The current Subcommittee Membership Directory was circulated and updated. The updates and attendance were forwarded to Alan Lowe.

Hank Wachter transferred into our group from the Drives Subcommittee. Welcome aboard!!

Announcements

The 2001 Annual Conference will be held in Toronto, ON at the Sheraton Hotel on June 16th through the 20th.

The Author's guide has been modified by Ron Simpson and approved. Subcommittee Chairs are to forward it to their members.

There was another lengthy discussion on how to increase Conference attendance and the increasing average age of the attendees.

Larry Thomas has volunteered, and has the support from his employer, to be our liason to the IEEE/IAS Safety Committee. They are sponsoring an Electrical Safety Workshop this January 16-18, 2002 at the Beau Rivage Hotel, Biloxi, MS. With safety being one of the major focus' at every company, we need to be letting people know about this program.

General Business

Solicitation for nominations for the Meritorious Service and Engineering Awards were extended and the names were forwarded to Russ Thrift.

Due to the problems Rory Johnson experienced this year with sending e-mails containing our Minutes, we will post them on a web site in the future. Blake Lloyd volunteered to do this. The committee members will be contacted via e-mail as to how they can access that web site.

Clayton Reid will be drafting revisions to our Operating Guide. He will be formalizing what type of award, certificate or plaque should be given based on the achievement. He will also be increasing the dollar amounts for the Prize Paper Awards.

Future Papers

See attached paper summary list.

Member and Attendance List

See attached summary list.

APPENDIX F

CBS SUBCOMMITTEE

FUTURE PAPERS

Number	Title	Author1	Author2	Sponsor1	Reviewer1	Reviewer2	Reviewer3	Status	Comments
14	24V vs 120V Controls and Wiring			John Thompson				E	John to find someone
4	Changing from Proprietary DCS Based CD Controls	Steve Pittman		Janet Flores	Blake Lloyd	Stan Merritt	Mike Jhaveri	A	Author Company=Potlatch - John to email Steve
8	Self calibrating instruments	Unknown		Mike Jhaveri				E	Authors Company=Selestar?
1	Application of Flywheel UPS	Unknown		Steve Trussell				E	John to email sponsor and determine status
6	Energy Management in a Paper Mill - Power Monitoring	Bob Deeb		Janet Flores	Blake Lloyd	Mike Jhaveri	John Thompson	C	Authors Company =
13	Internet Enabled Field Devices	TBD		Blake Lloyd				D	
7	Getting around the Networking Nightmare	Steve Pittman		Larry Thomas				C	Authors Company=Potlatch - Larry to follow up
15	Controls Grounding							E	
5	Email Etiquette, or LACK of it!	John Thompson	Blake Lloyd	Kirk Armator	Laurie Cihlar	Mike Jhaveri	Janet Flores	A	Authors Company=
2	Applying short circuit and Power Flow software with Power Monitoring System <i>Information to solve real problems</i>	Larry Thomas		Mike Jhaveri	Steve Trussell	John Thompson	Kirk Armator	B	Authors Company = Weyerhaeuser
9	The benefits of intelligent recipe management	Dominique D de Korf	M Jhaveri	Kirk Armator	Janet Flores	Larry Thomas	John Worsham	A	Authors Company=Cerestar - John to follow up
3	Automated Tile Line Control	Unknown		John Thompson				E	Check with Union Camp
	Wireless Controls							E	
11	Analog Control meets Digital at the Sheldon Corral			Kirk Armator				D	
10	Using Ethernet as a means of Digital Control Signal Transmission	Unknown		Janet Flores				E	Authors Company=
12	Computer Based Safety Training	Unknown		Larry Thomas				E	Larry searching for an author

APPENDIX G MEMBERSHIP REPORT

MEMBERSHIP REPORT
IEEE PULP & PAPER INDUSTRY COMMITTEE
INTERIM MEETING
OCTOBER 15, 2001

Our current committee membership is 124. Since the annual meeting in June we have had the following changes in membership.

Four (4):new members have been added

- Jay Das, AMEC
- Richard Dykstra, Rockwell Automation
- John Malinowski, Baldor Electric Co.
- Allen Watson, Instrumentation Design Systems

Twenty-seven (27) members have been dropped due to retirement, resignation or lack of attendance.

- Robert Bengston
- Melvin Bernard
- Lloyd Cain
- Hayes Carter
- TC Chao
- Stephen Cheek
- Gary Clodfelter
- Gene Davis
- Pat Dooley
- Chuck Grucella
- Dick Kramer
- Neville Laing
- Larry Layman
- Bob Moore
- Joe Morlino
- William Nolley
- Tom Osborne
- Jasper Parks
- Phil Poole
- Gary Reed
- Dwayne Robbins
- William Sexton
- Fred Stack
- Prem Tagra
- Sid Ticker
- Del Ventruella
- John Worsham

Three (3) applications are pending.

- Ken Brink
- Tim Hoy, Universal Dynamics LTD
- Gary Wetzel, S&C Electric

Report submitted by Alan Lowe, Membership Chairman.

APPENDIX G

MEMBERSHIP REPORT

	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01
	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
Tim Albers																			X/X	X/X
Joe Armstrong												O/E	O/E	X/X	X/E	X/X	X/X	E/O	X/O	E/O
Peter Baen																/X	O/X	X/X	X/E	O/E
Ronda Banks														X/E	O/X	X/X	X/X	O/X	E/X	X/X
Robert Beltz																			E/E	O/X
Robert Bengston														X/X	X/X	E/O	O/O	O/O	O/O	O/D
John Bentley		X/E	X/X	X/E	X/X	X/E	X/X	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
Melvin Bernard																			O/O	O/D
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
Terry Branch						/E	X/X	X/O	X/E	X/X	X/O	X/O	O/E	E/E	O/E	O/O	O/O	O/O	O/O	O/O
Ken Brink																				X/O
Darrell Broussard																			O/O	O/O
Ken Bruni																				/O
Robert Burns																			O/O	O/O
David Burrow																X/X	O/E	O/O	O/O	X/E
Ken Butler																X/O	O/O	O/O	X/O	X/O
Rich Butler																		X/X	X/X	X/O
Bruce Campbell							/X	X/E	X/O	X/X	X/X	X/O	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/O
Tom Campbell																	X/O	X/E	O/O	O/O
Charlie Canty			X/X	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/X
Richard Carle													E/E	O/O	O/E	O/E	X/O	X/O	X/O	X/O
Hayes Carter																-/X	O/O	O/O	O/D	O/D
TC Chao						X/X	X/X	X/X	X/X	O/O	X/X	X/O	X/E	E/X	E/O	O/O	E/E	O/O	O/O	O/D
Stephen Cheek												X/O	X/O	O/O	X/E	O/O	O/O	O/O	O/O	O/D
Laurie Cihlar											/X	X/X	X/X	O/X	O/X	E/E	E/X	X/E	E/X	E/X
Gary Clodfelter																E/E	E/O	O/O	O/D	O/D
Jim Closson																			-/X	X/X
Ray Crane	E/O	X/E	X/E	X/E	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
Tim Crnko																		X/X	X/X	X/E
Pete Dalpe																		O/O	X/O	O/O
Jim Daly	X/E	E/E	X/E	X/X	X/E	X/O	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
Jay Das																			-/X	X/X
Gene Davis, Jr.													/E	X/X	X/X	X/E	E/O	O/O	O/D	O/D
Del Decker												X/O	X/E	O/O	O/O	X/E	E/E	E/E	X/E	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/E
Pat Dooley												X/X	X/X	X/X	X/X	X/X	X/X	X/X	O/O	O/D
David Durocher																X/X	X/X	X/X	X/O	X/X
Richard Dykstra																				X/E
Stephen Dyrnes		/E	X/E	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	X/E	E/O	X/E
John Fagen																		X/X	O/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
Bob Finke							X/E	X/X	X/X	X/E	E/X	X/O	X/O	X/X	O/O	O/X	X/X	X/X	X/X	X/X
Janet Flores													X/X	X/X	E/X	X/O	E/X	O/E	X/E	X/E
Russ Ford																			X/O	X/X
Phil Fransen	X/	X/E	X/E	X/E	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
Bob Fritz	X/X	X/X	X/X	X/X	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
Douglas Frushour																X/X	E/O	O/X	X/O	O/R
Terry Gallagher																X/X	X/X	X/E	X/O	X/E
Bob Giese				/E	X/O	E/E	O/O	X/E	E/E	X/O	E/O	E/E	X/E	X/O	E/O	E/O	X/E	O/E	X/O	X/O

APPENDIX G

MEMBERSHIP REPORT

Mike Glenn	X/X	X/X	X/X	X/X	X/X	X/E	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
Bruce Graves			X/X	E/X	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
Chuck Grucella								/E	X/E	E/X	X/E	X/E	X/E	X/E	E/E	E/O	E/O	O/E	O/O	O/D
Tom Grudkowski																	X/O	O/O	X/X	O/O
Bucky Hammonds														O/X	X/E	X/O	X/O	O/X	X/O	O/X
James Harris																	-/X	O/X	O/X	X/E
Warren Henson																		O/X	X/E	O/X
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
Warren Hopper																			X/E	O/O
Tim Hoy																				X/O
Claude Hudson	X/X	X/E	X/X	X/E	X/E	X/O	E/O	X/O	X/O	X/O	X/X	X/O	X/E	X/O	X/O	E/E	O/O	O/O	E/O	O/O
Preston Jackson				O/X	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
Mike Jhaveri									/O	X/X	O/X	O/E	X/E	X/X	O/X	X/O	X/O	X/O	X/E	X/E
Rory Johnson		/O	X/X	X/X	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
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/X	X/E	X/X
Walt Jones	X/X	X/X	X/X	X/E	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	X/X	E/E
Robert Jordan															E/E	X/X	X/E	X/X	X/X	X/X
Burt Judson	X/E	X/X	X/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	X/X	X/X
Dick Kane								/X	X/E	X/E	O/O	O/X	X/E	X/E	X/E	E/E	X/E	O/E	X/O	E/O
John A. Kay															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/O	X/E	X/X	X/E	X/E	X/O	X/E
Richard Kramer									/O	X/E	X/E	X/O	X/E	E/E	O/E	X/E	O/O	O/O	R	
Neville Laing								/E	E/E	X/E	E/E	X/O	O/E	X/E	E/E	O/E	E/E	O/O	O/O	O/D
Larry Layman	X/E	X/E	X/X	X/E	X/E	E/E	X/E	X/X	X/E	E/X	X/E	X/X	X/E	X/X	X/O	O/E	X/E	E/O	O/O	R
John Levine										/X	E/X	X/X	E/X	X/E	O/X	X/X	O/X	X/E	O/X	
Pat Link											/X	X/E	E/E	X/X	O/X	X/X	X/E	X/E	X/X	
Blake Lloyd												X/E	X/X	X/X	X/X	X/X	X/E	X/E	X/X	
Bob Lorenz																			X/O	O/O
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/X	X/E	X/X
James Lyles																X/O	O/O	O/O	X/E	O/X
John Malinowski																				X/X
Jim Mantooth																		X/X	X/X	O/O
George Matto	E/O	X/E	E/E	X/E	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
Patrick McNulty																X/X	X/X	O/X	X/O	O/O
Ron Meihofner	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	E/X	X/X	X/X	X/X	X/X
Larry Menche													X/E	X/X	X/O	X/E	E/E	X/X	X/O	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	X/X	X/X	X/X	X/X	E/E	E/O	O/E
David Mintzlaff																O/X	O/E	O/E	O/E	X/O
Zafer Mohuiddin																			-/O	O/E
Robert Montgomery																		-/X	X/X	E/X
Doug Moody																			-/O	X/X
Bob Moore		/X	X/O	X/X	E/X	X/O	X/O	X/O	X/O	X/O	X/O	X/O	X/O	X/X	X/O	E/X	O/O	O/X	O/O	O/D
Joe Morlino	X/X	X/X	E/E	X/X	X/O	E/X	X/X	X/X	X/X	X/E	E/E	E/E	E/E	E/O	X/X	X/E	X/E	E/E	X/O	R
Bob Morse	X/X	E/E	X/E	X/E	X/X	X/X	X/E	X/X	X/X	X/E	X/X	X/X	X/X	X/X	E/X	X/X	X/X	X/E	X/X	X/E
Vernon Newbill																	X/O	X/X	E/X	O/E
Frank Newman	X/X	X/X	X/X	X/X	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
Bill Nolley																		O/O	O/O	O/D
Clifford Normand																X/X	X/X	X/X	X/X	X/E
Bob Olsson																X/X	X/X	X/X	X/X	X/X
Tom Osborne													O/E	X/E	X/X	X/X	X/E	O/O	O/O	O/D
Bud Palmer							X/X	O/X	X/X	X/X	X/X	X/X	X/O	E/X	E/X	X/O	O/O	E/X	X/O	X/E
Jasper Parke																			O/O	O/D

APPENDIX G

MEMBERSHIP REPORT

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	X/X	X/X	X/X	X/X	X/X	X/X	X/X	E/E	
Stephen Pittman														X/X	E/X	X/X	X/X	X/X	X/E	X/E		
Bill Polley	X/X	E/E	E/E	E/E	O/X	X/O	X/O	E/E	E/E	X/O	E/E	X/E	X/E	E/E	X/E	X/X	X/E	E/O	X/E	R		
Phil Poole		/E	X/X	X/E	E/X	X/X	X/X	X/E	X/X	E/E	O/E	O/E	X/E	X/X	E/X	E/E	E/E	E/E	E/O	O/D		
Mike Poynter												X/E	X/O	X/E	E/E	X/O	X/O	X/O	X/E	O/O		
Larry Pryor																	X/E	X/E	X/E	E/E		
SP Reddy	X/X	X/E	X/O	X/X	X/E	X/X	X/X	E/X	X/X	X/X	X/O	X/X	X/X	X/X	X/X	X/E	X/O	X/O	X/E	E/E		
Gary Reed																				O/O	O/D	
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/X	X/X	X/X	
Ed Reid								/X	X/X	X/X	X/X	X/X	X/E	E/X	E/X	X/X	X/O	O/O	E/O	X/E		
Duncan Rhodes																X/E	X/X	X/E	X/X	X/X		
Dwayne Robbins																				O/O	O/D	
Roly Roberge																			-/X	X/X	X/E	
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	X/X	X/X	X/X	X/X	E/X	X/X	X/X	X/X	X/E	
James Rooks																X/O	X/X	X/O	X/X	X/X		
Paul Roullier								/X	X/X	X/E	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X/E	X/X	X/X		
Richard Schaefer																			-/E	X/E	X/E	
Del Seaver													/O	X/X	X/O	X/E	X/X	X/X	X/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			
Bill Sexton																			-/O	O/O	O/D	
Ralph Shead												/O	X/X	X/X	X/X	X/X	X/X	X/X	X/X	O/O		
Jim Simpson														X/X	E/X	X/X	O/O	E/O	O/R			
Ron Simpson				E/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	X/X	X/X	X/X	X/X		
Glenn Smith																			X/O	X/E		
Ray Smith						/X	X/X	X/X	E/E	X/X	X/X	E/X	X/X	X/X	X/X	O/O	X/O	O/O	X/O	O/X		
Fred Stack																	X/X	O/O	O/O	O/D		
Malcolm Steeves							E/O	O/X	X/E	O/E	X/E	E/O	X/O	X/E	O/E	X/E	X/E	X/O	X/E	O/E		
Prem Tagra														/X	X/O	E/X	O/O	O/O	O/D			
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		
John C. Thompson																X/X	X/X	X/X	X/X	X/X		
John R. Thompson	E/E	E/O	X/O	X/X	E/X	X/E	X/O	X/E	X/E	X/X	X/E	X/E	X/E	X/X	X/E	X/X	X/X	X/E	X/O	X/O		
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/X	X/E	X/X	
Sid Ticker											X/E	X/X	O/X	X/X	X/E	X/X	X/O	O/O	O/O	O/D		
Reno Tonsi							/X	X/E	X/E	X/X	X/X	X/E	X/E	X/X	X/X	X/X	X/O	X/E	E/O	O/E		
Charlie Toole																		X/O	X/E	O/O		
Steven Trussell																				X/O	X/E	
Anibal Valenzuela																				X/E	X/O	
Del Ventruella													X/E	X/E	O/X	X/X	X/X	O/O	O/O	O/D		
Bill Vilcheck															/X	X/X	O/X	X/X	X/E			
Wayne Vinson															O/X	X/X	X/X	X/X	X/E	E/E		
Erwin von der Ehe																	X/E	X/E	X/O	X/O		
Hank Wachter									X/O	X/E	X/X	X/X	X/E	X/E	X/X	X/X	X/X	X/X	E/E	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			
Allen Watson																				X/O		
Mark Weaver				X/X	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		
Pete Werner													X/O	X/X	X/O	E/E	X/X	X/E	X/X	X/E		
Gary Wetzal																				X/O		
Jim Williams	E/E	O/O	X/X	X/E	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		
Charles Wood							E/X	E/X	E/X	E/O	O/X	E/X	E/X	O/O	X/X	E/X	O/O	O/O	X/X	O/O		
John Worsham																X/X	X/E	X/O	E/O	O/D		
Alex Wu		E/X	X/X	X/X	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		
Mark Zawadzki																/X	E/X	X/O	X/X	E/X		



APPENDIX H PAPER AWARDS AND PUBLICATIONS

Special Recognition

Technical Paper Award Winners from 2001 Conference in Portland, OR

❖ 1st Place Paper

“Comparison Testing of IEEE Standard 841 Motors”

Authors: Alan K. Wallace, Oregon State University
James A. Rooks, J & R Consulting, Inc.
John R. Holmquist, Weyerhaeuser Company

❖ 2nd Place Paper

“Silver Corrosion and Whiskers Growth on Power Contacts in Industrial Atmosphere of Pulp and Paper Plants”

Authors: Bella H. Chudnovsky, Square D Company
David L. Swindler, Square D Company
John R. Thompson, Duluth Recycle Mill

“Laser Guided Loading Systems”

Author: John R. Holmquist, Weyerhaeuser Company

❖ Best Mill Paper

“Laser Guided Loading Systems”

Author: John R. Holmquist, Weyerhaeuser Company



Special Recognition

Technical Papers Selected for Publication from 2001 Conference in Portland

IAS Magazine

- ❖ “*Short-Circuit Studies, Coordination Studies and Harmonic Analyses/Studies (What, Why and When are They Needed)*”
Author: Bruce L. Graves
- ❖ “*Reducing the Damaging Effects of Lightning In an Industrial Co-generation Plant*”
Authors: John R. Holmquist
Roger W. Jones
- ❖ “*Application Considerations For High Resistance Ground Retrofits in Pulp and Paper Mills*”
Authors: Robert Beltz
Ian Peacock
William Vilcheck
- ❖ “*Digital Excitation System Provides Enhanced Performance and Improved Diagnostics*”
Authors: C. Allan Morse
C. Richard Mummert
- ❖ “*Alternate Drive for a Paper Machine Lineshaft*”
Author: Timothy O. Jensen
- ❖ “*Comparison Testing of an Adjustable-Speed Permanent-Magnet Eddy-Current Coupling*”
Authors: Alan Wallace
Annette von Jouanne
Richard Jeffryes
Evelyn Matheson
Xiaozhou Zhou
- ❖ “*Digital Excitation System Provides Enhanced Tuning Over Analog Systems*”
Authors: Richard C. Schaefer
Kiyong Kim



Special Recognition

Technical Paper Award Winners from 2001 Conference in Portland (Cont'd)

- ❖ *“Reliability Program for Mill Maintenance”*
Author: Rodney Bartell

- ❖ *“Upgrading Power Distribution Equipment-Making the Right Choices for Reliable Paper Mill Operations”*
Authors: John McAuliffe
Dev Amin
Ian Peacock
David Durocher

- ❖ *“Arcing Flash/Blast Review With Safety Suggestions for Design and Maintenance”*
Authors: Tim Crnko
Steve Dymes

- ❖ *“Using Fiber Optics to Create a Unified Cabling System for Process Control”*
Authors: Eric J. Byres
Colin Mitchell

- ❖ *“Ambient Proportional Control Reduces Electrical Heat Tracing Costs”*
Authors: Cameron Thomas
Peter R. Baen

- ❖ *“Industrial Application of Current Signature Analysis to Diagnose Faults in 3-Phase Squirrel Cage Induction Motors”*
Authors: William T. Thompson
Mark Fenger

Industry Application Transactions

- ❖ *“Squirrel Cage Rotor Options for AC Induction Motors”*
Authors: Austin H. Bonnett
Tim Albers

- ❖ *“Power System Data Base Management”*
Author: Ronald H. Simpson



Special Recognition

Technical Paper Award Winners from 2001 Conference in Portland (Cont'd)

- ❖ *“Electronic Line-Shafting Control for Paper Machine Drives”*
Authors: M. Anibal Valenzuela
Robert D. Lorenz

- ❖ *“Ratings of Semiconductors for AC Drives”*
Authors: Thomas Gilmore
Raymond Sladky

- ❖ *“Service-Life Evaluations of Low-Voltage Power Circuit Breakers and Molded-Case Circuit Breakers”*
Author: Michael J. Sprague

- ❖ *“Diagnosing Motor Vibration Problems”*
Authors: William R. Finlay
Mark M. Hodowanec
Warren G. Holter

- ❖ *“Standards and Ratings for the Application of Molded Case, Insulated Case, and Power Circuit Breakers”*
Author: David D. Roybal

- ❖ *“Methods to Determine Which Inverter Drives Need Upgraded Motor Stator Windings”*
Authors: G.C. Stone
S.R. Campbell
B.A. Lloyd



Special Recognition

Paper Reviewers for 2001 Conference in Portland

- ❖ EMMC Subcommittee: Bob Vogel, Siemens Energy & Automation
- ❖ PDS Subcommittee: Jim Clossen, Basler Electric Company
- ❖ TSSC Subcommittee: Steve Pittman, Potlatch Pulp & Paper Corp.
- ❖ DCS Subcommittee: Duncan Rhodes, Rockwell Automation Drive Systems
- ❖ CBS Subcommittee: Janet Flores, Rockwell Automation

APPENDIX I: SENIOR MEMBER REPORT**REPORT TO PPIC
Senior Member Initiative**

- IEEE has an initiative in place seeing to increase the Senior Member population within IEEE.
- IEEE is asking societies (IAS) and Chapters to campaign for members to be advanced to Senior Member status.
- PPIC, acting within IAS, is asking our members to understand that Senior Member is a title earned by most of the PPIC and our members should have that recognition.
- The PPIC Senior Member Committee has sent out Nomination Letters and Nomination forms to 23 members that are not now listed as Senior Members.
- The committee is asking those 23 members to complete the personal information on the form, and return it, with their resume.
- Each nomination requires two additional references, but the committee is asking for three. One reference may be late in submitting the reference.
- The committee has cooperation of our Senior Members to act as references for nominations.

Of the 23 members on our list, two have already returned the form, completed, have provided their resume and have advised the Senior or Fellow members they wish to be asked to be their references. We know our list is not complete. If you are not now a Senior Member and are not on our list, but feel you are qualified for Senior Member status, please contact me and lets get your nomination underway.

PPIC Member	PPIC Member
Tim Albers	Bob Morse
Rhonda Banks	Bob Olsson
Bruce Campbell	Bill Polley
Charlie Canty	Rich Schaeffer
Russ Ford	Del Seaver
Terry Gallagher	John C. Thompson
Bob Jordan	Russ Thrift
Burt Judson	John Worsham
John Lebvine	Alex Wu
Jamie Lyles	Mark Zawadzki
Laurie K. Cihlar	Douglas C. Moody
Edwin I. Hammonds	

James A. Rooks