



INDUSTRY APPLICATIONS SOCIETY

**PULP & PAPER INDUSTRY
COMMITTEE**

MINUTES
of the

FULL COMMITTEE

MEETING

**2001 CONFERENCE COMMITTEE MEETING
PORTLAND, OR
June 18, 2001**

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**IEEE/IAS PULP & PAPER INDUSTRY COMMITTEE
CONFERENCE MEETING
MINUTES OF THE FULL COMMITTEE
MARRIOTT HOTEL
PORTLAND, OR**

JUNE 18, 2001

WELCOME AND INTRODUCTIONS

Roger Jones called the meeting to order at 1:00 PM. He welcomed everyone to the Portland Conference 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 Interim Full Committee meeting had been sent out. A motion was made and passed to accept the minutes. Rory reported the following:

Total Active Members	142
Total Email	136
No Email	5
Undeliverable Emails	10
No e-mail or postal address	1

Rory discussed problems he had experienced with sending the meeting minutes especially with e-mail addresses. He reemphasized the importance of everyone keeping their e-mail addresses current as that was the easiest and least costly way to issue the minutes. There were such a small number of people that did not have email address no minutes were sent by postal mail.

EXECUTIVE COMMITTEE REPORT

Rory Johnson reported that 26 were in attendance at the Executive Committee meeting including incoming committee chairman. The meeting started at 4:30PM Sunday evening and ended at 6:34 PM. Full agenda with a very good discussion at the end on increasing Technical Conference attendance.

2000 ATLANTA CONFERENCE CLOSE OUT REPORT

Charlie Canty reported that they were in ongoing negotiation with the IEEE audit committee. IEEE first indicated that they had not received the final conference financial report. They finally found the report but now seem to be unsatisfied with what was submitted. He indicated the conference was still expected to lose approximately \$1800.

TREASURER REPORT/CONFERENCE AUDITS

Blake Lloyd reported that the IEEE, PPIC bank balance is still \$0. The Atlanta Conference audit is still awaiting final approval from the IEEE audit board who is not yet satisfied all of the appropriate paper work is in place. All final bills have been paid and all bank accounts closed.

STANDING SUBCOMMITTEE REPORTS

MEMBERSHIP

Alan Lowe reported that membership continued at 148 members. Since the Interim Meeting, there have been 0 new members, 0 resignations and 0 dropped for nonattendance. There is one pending application for membership from Jay Das. Members are dropped if they have not participated in committee meetings for 3 years.

MAILING LIST

Bob Morse reported that the mailing list disk was updated with the corrections from the 2000 Atlanta Conference mailing list books, the 2000 conference registration disk and added names sent to him during the year. There are 2500 names on the list. Bob has now included e-mail addresses for the conference attendees that listed it on their conference registration form. Bob indicated that he sent the revised mailing list disk to the Portland Conference Committee for use in generating mailing labels. Bob asked that announcements again be made during the conference for everyone to check and update the mailing lists.

PUBLICITY

Ron Mehofer reported that the publicity release on the 2000 Technical Conference in Atlanta was sent to the IEEE IAS magazine August 9, 2000. It was published in the November/December 2000 issue.

Publicity regarding the 2001 Technical Conference in Portland, Oregon was sent to the Paper Industry Magazines on March 19 with copies of the program. Conference listings have been noted in Paper Age, Paper Industry and IAS. Additionally, Jim Williams, Local Conference Publicity Chairman, contacted several West Coast trade journals to place a conference announcement and has invited local editors to send reporters to the conference.

PAPER AWARDS AND PUBLICATIONS

Rhonda Banks reported on the first, second and mill paper awards from the Atlanta conference. 13 papers were submitted to the IAS Magazine. 8 papers have been published. In addition, eight papers were recommended for publication in the IAS Transactions magazine. 8 papers were approved and published. (See Appendix for a full report. Includes Portland Conference paper awards.)

Laurie Cihlar was confirmed as the new Technical Paper Awards Chairman at the Executive Committee Meeting. She replaces Rhonda Banks who resigned to concentrate on the EMMC Subcommittee Chairman position.

FELLOWS NOMINATIONS

Clayton Reid reported that a new application was submitted to the IEEE for John Holmquist. One reference had been contacted and the result of that discussion was very positive. 8 of 10 reviewers are academic (See IEEE report). This is not as favorable a ratio as he would like to see on the committee. Announcement will be made in November 2001. He is still optimistic.

PPIC AWARDS

Russ Thrift announced the 2001 Conference Meritorious Service Award will be awarded to Jim Rooks and The Meritorious Engineering Award to Shoaib Kahn. Russ encouraged everyone to congratulate the award winners during the conference. He is also looking for nominations for the 2002 conference awards. Nominations should be submitted to Roger Jones who will pass them on to Russ.

Liaison Reports

TAPPI

Burt Judson reported that the annual TAPPI PCE&I Conference was held in San Antonio last March. Approximately 140 attended. Interim meeting is scheduled for September 16 & 17 in conjunction with the TAPPI Engineering Conference September 17-19 in San Antonio. Next years conference will be 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.

CPPA

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

IEEE/IAS

Clayton is now the IEEE awards chairman and in that position the IAS portion of the IEEE Fellows Committee reports to him. If anyone joins the PPIC Committee and becomes a member of IEEE they also need to become a member of IAS.

IEEE - STANDARDS COORDINATING

Jim Daly reported that SCC #28 is working on P1555 Standard "Safety for Personnel".

OPERATING SUBCOMMITTEE REPORTS

EMMC

Bruce Campbell reported that his committee had 11 persons present this morning out of a membership of 30. EMMC had 5 excused absences and 14 unexcused absences with 4 guests. Paper reviewer for the 2002 conference is Allen Watson and the alternate Rick Watkins. The volunteers for operating the lights at the conference are Russ Thrift and Rick Watkins. (See full report in Appendix)

Potential papers for next year:

Number	Type
0	A
3	B
3	C
9	D
1	E

PDS

Cliff Norman reports 20 members in attendance this morning out of a membership of 49. 8 absences were excused and 21 unexcused. Paper reviewer for 2002 is Steve Dyrnes with Jay Das as the alternate. Volunteers for operating the lights at the conference are Alex Wu and Charlie Canty. (See full report in Appendix).

Potential papers for next year:

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

In addition they have two tutorials.

TSSC

Bob Jordan reported 14 members with 9 present. There were 1 excused absences, 4 unexcused absences and 2 guests. Paper reviewer is Bob Jordan with Steve Pittman as alternate. Volunteers for operating the lights at the conference are Paul Rollier and Bob Finke. (See full report in Appendix)

Potential papers for next year:

Number	Type
1	A
0	B
5	C
4	D
0	E

In addition they are proposing one panel.

DCS

Del Seaver reported 26 present with 6 excused absences, 17 unexcused absences and 4 guests. Paper reviewer for 2002 is Del Seaver with the alternate Duncan Rhodes. Volunteers for operating the lights at the conference are Alan Lowe and Bob Morse. (See full report in Appendix)

Potential papers for next year:

Number	Type
4	A
5	B
7	C
2	D
3	E

CBS

John Thompson reported 7 of 11 members present with 4 excused absences and no unexcused absences. CBS had no guests this morning. Paper reviewer for 2002 is Mike Jhaveri with Steve Trussell as the alternate. Volunteer for operating the lights at the conference is Kirk Armintor. Committee had one nomination for Meritorious Service and one for Meritorious Engineering Award. (See full report in Appendix)

Potential papers for next year:

Number	Type
1	A
2	B
3	C
1	D
5	E

2001 PORTLAND CONFERENCE REPORT

George Matto welcomed everyone to the Portland Conference and thanked them for coming. He reported the conference attendance just broke 200 today. 140 people were registered for the social event and there were 65 guests registered. Signs directing people to the Conference have been distributed throughout the hotel. He is looking forward to a great technical conference and is optimistic the registered attendance will continue to increase. Start time for the conference will be 8:00am instead of 8:30am as indicated in the conference bulletin. George discussed the potential for press presence during the keynote speaker address and the security precautions that had been arranged with the hotel. He reminded everyone that they need to be registered and wear their badge to the sessions. Conference records and CD's for the past three- (3) years are on sale.

A suggestion was made that future conferences should have a list of what each attendee has signed up for. Indicated the standard method adopted by the conference to eliminate tickets and lists was to indicate it on each attendee's badge.

2002 TORONTO TECHNICAL PROGRAM

Ron Simpson reviewed the Portland Conference Technical Program of 32 papers and 1 panel. Of all final drafts submitted only one was forwarded to next year due to it's late submittal.

Looking forward to the 2002 program Ron reported that the total potential papers reported at the conference meetings compared to the last two years were:

	A	B	C	D	E	Tutorial	Panel
2001	6	13	21	17	13	2	1
2000	2	9	25	16	30		
1999	19	17	8	11	3	3	1

Ron commented that the tally looked better than last year at this point so was optimistic about next year's program.

Ron Simpson proposed a few changes to the PPIC operating guide.

1. Specify that papers are submitted in electronic form and MS Word format instead of by manuscript (this will satisfy the need for hard copy for reviewers and copyright issue).
2. In Conference Paper Flow, Item 14, remove the statement "The Program Chair returns manuscripts to the authors"
3. Change the authors and co-authors forms to say, "principle author will commit to register a minimum of one person and arrange for a presenter to attend the 200X conference".
4. Decided that it was sufficient to send 6 copies instead of 8 for paper grading.
5. Add language to indicate that the conference record would be printed in black & white. Any manuscripts submitted with color will be printed in black & white but would be included on the record CD in color.

Ron has developed an MS Access database to track technical papers and author information. It was agreed that all of the subcommittees would use it.

Roger again reviewed the responsibility of the sponsors and reviewers. The quality and success of the Technical Conference is dependent on them taking their responsibilities very seriously. They need to be more diligent in assuring that final reviews of the papers are made by the reviewers and the reviewers need to be sure the papers are screened for commercialism. Duncan Rhodes suggested that the portion of the committee guide dealing with sponsors and reviewers responsibilities be sent to them by email. Another suggestion was to include it in the author's guide. It is also the sponsor's responsibility to review the paper presentation as it some times differs from the paper content. Del Seaver raised the issue of including the presentations in the CD conference record. A problem is created when information is included in the presentation that's not in the paper. A suggestion was made that a statement be added to the author's guide to require the author to be responsible for providing that information in a separate distribution. It should also indicate that the entire presentation would not be distributed. A question was also raised as to the availability of a PowerPoint template for presentations. There was some indication the author's guide contained wording for presentation guidelines but not certain if it included PowerPoint.

FUTURE CONFERENCES

2002 – TORONTO, ON

John Kay reported a strong conference committee is in place and has met. Introduced Blake Lloyd and Clayton Reid from the full committee as members. Conference will be June 16 to 20, 2002. A preliminary budget has been developed. Concerned about developing good head count numbers as hotel income is based on the numbers they provide. They have submitted request to IEEE for seed money of 5% of proposed budget. Web site is up and running, pulpandpaper2002.com. Be sure and get your Toronto pin during the conference. John is looking forward to seeing all of the committee in Toronto next June.

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. Tentative conference dates are June 15 to 20. The hotel rate is \$139. Soliciting for committee members.

2004 – VANCOUVER, BC

Phil indicated that they had decided to switch the 2004 conference to Vancouver as a number of members felt there were more activities there. 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. Rich reported that they had decided to move the 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

Still looking for sites for 2006. Some interest in hometown locations from some members such as Milwaukee, WI.

Charlie Canty was confirmed as the new Technical Program Chairman at the Executive Committee Meeting. This follows Phil Fransens request to be listed as an inactive member.

OLD BUSINESS

John Thompson reported that arrangements had been made to have the interim meeting in Birmingham, Alabama. The meeting will be at the Sheraton downtown, the location for the technical conference a number of years ago. Dates are October 14 & 15, 2001. Cost is \$98/night single and \$108/night double. Reservation deadline is September 14.

At the last main committee meeting a suggestion was made that a replacement be solicited for Blake Lloyd as the presentation coordinator. A suggestion was made that each subcommittee submit a person to be trained by Blake. Larry Thomas and Del Seaver volunteered to be co-coordinators instead.

NEW BUSINESS

The Executive Committee officers nominated a new slate of subcommittee chairman. The vote for the slate as proposed was unanimous. New Chairman are:

EMMC	Rhonda Banks
PDS	Bruce Graves
TSSC	Jim Williams
DCS	Bob Olsson
CBS	John Thompson

The IEEE, IAS Executive Board held their meeting at the conference last night. Would like to make this an annual event. The Chairman of the different Technical Committees was asked to meet with them. There is an IAS program underway to recognize and target 1991 and later graduates for membership. The IAS needs them to further the organization.

Roger Jones indicated people had inquired about the possibility of the committee obtaining qualification for CEU's for the conference tutorials. Tutorials would have to be reviewed and meet specific needs and requirements for the course study. If CEU's were obtained the tutorials could be marketed to all of IAS. There will be a survey conducted at the conference banquet to improve education for PPIC members. It will be focused on tutorials. It is the committee's desire to meet the attendees needs.

First time attendees need to be encouraged. They all have a green ribbon. Roger urged each member to stop them and introduce yourself. Ask them to come back next year. A suggestion was made to offer scholarships to first time attendees (CH has provided in the past), students and other people. Someone from Oregon State is attending this conference on a scholarship.

Discussion on scholarships led to a discussion on improving conference attendance. Allan Lowe suggested a letter be drafted and sent to all mill managers and potential attendees to tell them about what's offered at the conference. Pat Link added that it might be better to send the letter to the Engineering Manager instead of the Mill Manager. Del Decker felt the mill Maintenance Managers should be included. Ron Mehofer countered with an idea to send a report to company or mill management about the conference. Tutorials should be emphasized in any promotion. The influence of the committee on code and standard changes should also be emphasized. 25 letters written in protest of the NEC change on local disconnects are a good example. One letter written by Ray Crane was accepted by 15 out of 15 board members and resulted in an exception to the proposed change. Saved a very large cost to the Pulp & Paper Industry. Does prove that the PPIC can make a difference. This could be included in the letters to the mill managers.

The meeting was adjourned at 3:00 PM.

Appendix A:

FULL COMMITTEE AGENDA
IEEE PULP & PAPER INDUSTRY COMMITTEE
ANNUAL MEETING
DOWNTOWN MARRIOTT HOTEL - PORTLAND, OR
MONDAY, June 18, 2001
1:00 PM

- | | | |
|--|------------------|----------------|
| 1 - Welcome & Introductions | Roger Jones | |
| 2 - Review/Approval of Minutes of 10/23/00 Meeting | Ron Simpson | |
| 3 - Executive Committee Report | Rory Johnson | |
| 4 - Atlanta Conference Close Out Report | Charlie Canty | |
| 5 - Treasurers Report/Conference Audits | Blake Lloyd | |
| a - Atlanta Audit Report | | |
| 6 - Standing Subcommittee Reports: | | |
| a - Membership | Alan Lowe | |
| b - Mailing List | Bob Morse | |
| c - Publicity | Ron Meihofner | |
| d - Paper Awards | Rhonda Banks | |
| e - Fellows Nominations | Clayton Reid | |
| f - PPIC Awards | Russ Thrift | |
| 7 - Liaison Reports: | | |
| a - TAPPI | Burt Judson | |
| b - PAPTEC (CPPA) | Clayton Reid | |
| c - IEEE-IAS | Clayton Reid | |
| d - IEEE - Standards Coordinating | Jim Daly | |
| 8 - Operating Subcommittee Reports: | | |
| a - EMMC | Bruce Campbell | |
| b - PDS | Clifford Normand | |
| c - TSSC | Bob Jordan | |
| d - DCS | Del Seaver | |
| e - CBS | John Thompson | |
| 10 - 2001 Portland Conference Report | George Matto | |
| 11 - 2001 Portland Technical Program | Ron Simpson | |
| 12 - Future Conferences: | | |
| 2002 - Toronto, ON | June 16-21 | Roger Jones |
| 2003 - Charleston SC | July 20-25 | John Kay |
| 2004 - Vancouver, BC | | Rhonda Banks |
| 2005 - Orlando, FL | | Philip Fransen |
| 2006 - | | Rich Butler |
| 13 - Old Business | | |
| a - Year 2001 interim meeting location and date | John Thompson | |
| 14 - New Business | | |
| a - New Committee Assignments | Roger Jones | |

APPENDIX A

Adjourn Full Committee Meeting approximately 3:30 PM!

FULL COMMITTEE AGENDA

APPENDIX B EMMC SUBCOMMITTEE
MEETING MINUTES
June 18, 2001 - Portland, Oregon

Meeting Date: June 18, 2001
Meeting Start: 8:30 AM
Meeting Adjourn: 12:01 PM
Recorded by: Bruce Campbell & Rhonda Banks
Total Members: 30

Members Present:	11
Peter Baen	Rhonda Banks
Bruce Campbell	Richard Carle
Del Decker	Dave Durocher
Rory Johnson	Burt Judson
Roland Roberge	Russ Thrift
Rick Watkins	
Guests:	4
Allen Watson	Bob Vogel
Tim Hoy	Bernie Stewart
Members Excused:	5
Laurie Cihlar	Frank Newman
Wayne Vinson	Robert Montgomery
Larry Menche	
Members Retired (please delete from roster)	4
Bill Polley	Lloyd Cain
Ken Bruni	Larry Layman
Members Not Excused:	2
John Fagen	Gary Clodfelter
Members Not Excused	Who are totally inactive
(I've never met them)	
Tom Campbell	Hayes Carter
Peter Dalpe	Zafer Mohuidder
Tom Osborne	Jasper Parke
Phil Poole	Bill Sexton

Paper Grader/Reviewer: 2001 Bob Vogel

2002 Allen Watson (Alternate: Rick Watkins)

Meritorious Award Nominees: None received

Conference Volunteers: Russ Thrift and Rick Watkins will assist with lights.

Introduction

Bruce Campbell welcomed all present to the Portland Conference. Each member and guest was asked to introduce him or herself.

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

Guests were given a brief overview as to how a subcommittee operates.

Announcements

Details of future conferences and the 2001 interim meeting were discussed.

Our papers being sponsored and presented in 2001 were discussed.

Sponsors were reminded of their responsibilities.

Rhonda Banks was introduced as the new EMMC Subcommittee Chairman.

General Business

The list of proposed papers was reviewed and updated with changes and new paper topics were discussed. In addition to the usual list of technical papers, there seemed to be great interest in the following topics:

- a) Attracting new (younger) people to the industry
- b) Wholesale power sales (marketing issues, as well as technical issues)
- c) Energy savings projects (potential for government rebates)

The possibilities of papers, panel discussions, and perhaps even tutorials on these topics were discussed, but cannot be finalized until the interim meeting.

The interim committee meeting will be in Birmingham, Alabama October 15. It will be held at the Sheraton Birmingham. Reservations must be made by September 14 to receive the meeting rates.

Future Papers

The list of future papers will be forwarded separately by Rhonda Banks

The paper count was b=3, c=3, d=9, e=1

APPENDIX B

EMMC SUBCOMMITTEE

FUTURE PAPERS								
Number	Title	Author1	Status	Sponsor1	Reviewer1	Reviewer2	Reviewer3	Comments
:002-1	CASE STUDY OF A TURBINE-GENERATOR FAILURE	MARK WOODMAN	C	LAURIE CIHLAR	RORY JOHNSON	RHONDA BANKS		
:002-2	CHANGES IN THE NEC FOR PULP AND PAPER APPLICATIONS	FRED HARTWELL	D	LARRY MENCHE				
:002-3	CORROSION STUDIES IN PULP & PAPER CONTROL ROOM ENVIRONMENTS	TOM SHELTON	D	ROBERT MONTGOMERY	RORY JOHNSON	RHONDA BANKS		NO UPDATE
:002-4	ENERGY SAVING REBATE OPPORTUNITIES FOR MILL PROJECTS	JOHN GREENE	C	RICK WATKINS	DEL DECKER	RHONDA BANKS	BURT JUDSON	
:002-5	EVALUATION OF MOTOR IMPEDENCE TESTING	JOE ARMSTRONG	D	RICK WATKINS	RHONDA BANKS	BURT JUDSON		RICK TO TRY TO GET JOE TO INTERIM MTG.
:002-6	HAZARDOUS AREAS IN THE PULP AND PAPER INDUSTRY		E	RICK WATKINS				POTENTIAL FOR 2 PAPERS
:002-7	INDUCTION MOTOR BEARING SELECTION	MARK HODOWANEC	B	BRUCE CAMPBELL	RORY JOHNSON	BURT JUDSON	RICH CARLE	
:002-8	NEC ENFORCEMENT OF FOREIGN MADE EQUIPMENT		D	RICH CARLE				RICH TO PURSUE AUTHOR
:002-9	OPTIMIZING MAINTENANCE BY INTEGRATING TECHNOLOGIES AND PROCESS CHANGE	AUGIE DIGIOVANNI	B	TOM GRUDKOWSKI	DAVE DUROCHER	WAYNE VINSON	BRUCE CAMPBELL	
:002-10	PARTIAL DISCHARGE TESTING OF MEDIUM VOLTAGE INDUCTION MOTORS	DAVE BEZESKY	B	BRUCE CAMPBELL	RICK WATKINS	DEL DECKER	DAVE DUROCHER	
:002-11	RELIABILITY ASPECTS OF BRUSHLESS SWITCH RELUCTANCE TECHNOLOGY	TIM ALBERS	C	TOM GRUDKOWSKI	ROLAND ROBERGE	BURT JUDSON	ROBERT MONTGOMERY	NO UPDATE
:002-12	SILICONE TRANSFORMER MAINTENANCE	LARRY CHRISTODOULOU	D	LARRY MENCHE	RICK WATKINS	DEL DECKER	PHIL POOLE	DAVE DUROCHER TO CHECK FOR POTENTIAL AUTHOR
:002-13	TOROIDAL COIL SOLUTIONS FOR AC INVERTER FED MOTOR BEARING CURRENTS		D	RORY JOHNSON				SEARCHING FOR AUTHOR

APPENDIX B

EMMC SUBCOMMITTEE

:002-14	UPDATE ON ENVIRONMENTAL PROTECTION IN ELECTRICAL CONTROL/EQUIPMENT ROOM	ROBERT MONTGOMERY	D	RHONDA BANKS				
:002-15	WHOLESALE POWER SALES OPPORTUNITIES FOR PULP & PAPER (FERC 888)	RUSS THRIFT	D	RICK WATKINS				RUSS TO PURSUE PAPER OR PANEL
:002-16	WHY A LUMP SUM CONTRACT IS THE HIGHEST COST APPROACH		D	DEL DECKER				DEL TO CALL POTENTIAL AUTHOR

APPENDIX C PDS SUBCOMMITTEE
Power Distribution Systems
SUBCOMMITTEE
MEETING MINUTES
June 18, 2001 - Portland, Oregon

Meeting Date: June 18, 2001

Meeting Start: 8:00 AM

Meeting Adjourn: 11:30 AM

Recorded by: Cliff Normand / Bruce Graves

Total Members: 49

Members Present: 20

Robert Adams	David Burrow
Charlie Canty	Jim Closson
Tim Crnko	Jay Das
Don Deyo	Steve Dyrnes
Bruce Graves	Claude Hudson
Shoaib Khan	George Matto
Doug Moody	Cliff Normand
Bud Palmer	Ed Reid
Ron Simpson	Glenn Smith
Bill Vilcheck	Alex Wu

Members Excused: 8

Robert Beltz	Doug Frushour
Bucky Hammonds	John Levine
Vernon Newbill	Elton Parker
SP Reddy	Ted Sexton

Members Not Excused: 21

Mel Bernard	Terence Branch
Darrell Broussard	Bobby Burns
Tung Chao	Pat Dooley
Warren Henson	Richard Kramer
Jamie Lyles	Robert Moore
Joe Morlino	Bill Nolley
Larry Pryor	Rich Schaffer
Jim Simpson	Ray Smith
Prem Tagra	Charlie Toole
Paul Tsou	Del Ventruella
Charles Wood	

Guests: 2

Tom Cleaver	Dave Vetterick
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Paper Reviewer: Steve Dyrnes and Jay Das

Meritorious Award Nominees: None received

Conference Volunteers: Charlie Canty and Alex Wu will assist with lights during the conference.

Introduction

Cliff Normand welcomed all present to the Portland Conference. Each member and guest was asked to introduce themselves.

A list of the PDS members was circulated for updating and attendance. Updates have been forwarded to Alan Lowe.

Announcements

Shoaib Kahn was recognized for receiving the Meritorious Engineering Award.

Several Committee Members discussed the Safety Tutorial during the meeting and reminded all members of the Tutorial on the following Tuesday.

Bruce Graves was assigned as the next PDS Subcommittee Chairman.

General Business

Solicitations and recommendations for Meritorious Service Award and Meritorious Engineering Awards were requested.

Those interested in working with Blake Lloyd during the conference presentations were asked to see Blake Lloyd.

Paper graders for the 2002 Conference in Toronto will be Steve Dyrnes. The backup will be Alex Wu.

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

Two tutorials were discussed. Shoaib Kahn agreed to present one next year in Toronto. He indicated that there are several topics that he has to choose from. He and Charlie Canty will provide a list of suggestions for the interim meeting in Birmingham for a final selection of topic. Power Distribution Systems for Process Plants is the topic suggested for the 2002 Conference Tutorial. Bill Vilcheck suggested a tutorial on Disturbance Monitoring.

The interim committee meeting will be in Birmingham, Alabama October 15. It will be held at the Sheraton Birmingham. Reservations must be made by September 14 to receive the meeting rates.

Future Papers

The list of future papers and tutorials is attached.

FUTURE PAPERS

Number	Title	Author1	Status	Sponsor1	Reviewer1	Reviewer2	Reviewer3	Comments
2002-02	Application of Power System Disturbance Monitoring	??	D	Bruce Graves				Cooper Power Sys May also be interested - New Subj
2002-03	Application, Use and Reliability of Programmable Multi-Function Relays		E	Doug Moody				Was No. 12 - Evolved from Proposed Panel
2002-04	Bus Transfer Systems - Requirements, Implementation & Experiences	Jack McCall	B	Charlie Canty	Jay Das	Alex Wu	Robert Adams	New Subject
2002-05	Case Study of Electrical System Reliability and Upgrade Justification	Alex Wu	B	Robert Adams	Glenn Smith	Doug Moody	Steve Dyrnes	Was No. 1
2002-06	Disturbance Monitoring Tutorial		E	Bill Vilcheck				New Subject
2002-11	Drive Isolation Transformers		E	Zafer Mohiuddin				Discussions with DCS Committee Indicate Interest
2002-07	Evolution of Protective Relays		E	Jim Colson				Paper evolved from proposed pannel -New Subject
2003-01	Industrial Generator Grounding Recommendations		D	Cliff Normand				Was No. 13
2002-08	Over Current Protection for Energy Efficient Motors	Steven Dyrnes	C	Alex Wu	Doug Moody	Bruce Graves	Jay Das	New Subject
2002-09	Power Distribution Systems for Process Plants Tutorial - T B F	Shoaib Khan	E	Charlie Canty				New Subject
2002-12	Static Excitation Systems - Title To Be Finalized	Rich Schaffer	D	Jim Colson				Proposed after SC Meeting
2002-10	Surges Transferred Through Transformers	Jay Das	B	Shoaib Kahn	Robert Adams	Steve Dyrnes	Ed Reid	Was No. 6
2002-01	Transformer Specification: Costly Common Misconceptions	Roger A. Bengston	B	Ed Reid	Charlie Canty	Dave Burrow	Robert Adams	New Subject 2001

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

Meeting Date: June 18, 2001

Recorded by: Bob Jordan / Jim Daly

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

Total: 9

Guests Present: Tim Crnko
Gary Wetzel

Total Present: 2

Excused Absence: Malcolm Steeves

Total: 1

Unexcused Absence: Mike Glenn
Neville Laing
Mike Poynter
Ralph Shead

Total: 4

Total Members: 14

Distribution: Subcommittee Members, Guests.

Introduction

The meeting was called to order by Bob Jordan at 8:45 AM.
All attendees introduced themselves.
An attendance roster was circulated for everyone to sign.

Announcements & General Business

- ◆ Sid Ticker should be removed from the Main Committee roster due to retirement. Bob Jordan to send Alan Lowe an e-mail to that effect.
- ◆ Jim Williams has agreed to serve as Chair for TSSC effective July 1, 2001.
- ◆ The TSSC subcommittee is sponsoring 2 papers and 1 tutorial at the 2001 Technical Conference.
- ◆ The interim meeting will be held on Oct. 14-15 at the Sheraton Downtown Hotel in Birmingham, AL. Room rates: \$98.00 – single, \$108.00 – double. John Thompson (Cutler Hammer, Birmingham) to report at Full Committee meeting this PM.
- ◆ A request to hold the interim meetings on Saturday and Sunday rather than Sunday and Monday will be presented to the Main Committee. This would permit members to take advantage of the Sat. night stay reduction in air fares and also eliminates a lost work day.
- ◆ Jim Williams obtained a lunch count. It was eleven (11) for TSSC.
- ◆ The paper judges for the 2001 Conference in Portland are: Steve Pittman is the primary reviewer and Paul Rouillier is the alternate reviewer.
- ◆ Bob Finke and Paul Rouillier will operate the lights during the Thursday morning session.
- ◆ Bob Jordan will be the primary reviewer for the 2002 Conference in Toronto, Steve Pittman will be the alternate reviewer.
- ◆ Jim Daly advised that IEEE SCC28 is developing P1555/D5.1, Draft Standard for Safety Levels With Respect to Human Exposure to Electric and Magnetic Fields, 0 to 3 kHz. This standard will, most likely, be adopted by OSHA. Anyone wishing to participate in the Balloting Committee should contact the Secretary of the IEEE Standards Association and request membership.
- ◆ Discussed the possibility of having a safety workshop presented each year. Possibly invite participation from other than pulp & paper industry; charge for workshop only, not conference registration.
- ◆ A copy of Comment 11-56 by Ray Crane of Weyerhaeuser regarding the proposed change to Section 430-102(b) of NFPA 70, NEC, was distributed by Tim Crnko. The Comment was published in the *National Electrical Code Committee Report on Comments*.

Future Papers

See attached paper summary list.

APPENDIX D

TSSC SUBCOMMITTEE

FUTURE PAPERS

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

APPENDIX E DCS SUBCOMMITTEE

DRIVES AND CONTROLS
SUBCOMMITTEE
2001 ANNUAL MEETING
MINUTES

Meeting Date: June 18, 2001
Meeting Start: 8:30 AM
Meeting Adjourn: 11:30 AM
Recorded by: Bob Olsson/Del Seaver

Total Members: 49
Members Present: 26
Members Excused: 6
Members Not Excused: 17
Guests: 4
Paper Reviewer: 2002 Del Seaver (Alternate: Duncan Rhodes)
Meritorious Award Nominees: None
Conference Volunteers: Lights: Alan Lowe and Bob Morse
Volunteer for audio/video back-up for Blake Lloyd: Duncan Rhodes

Introduction

All members and guests introduced themselves.

Guests included Ken Brink, Richard Dykstra, John Malinowski, and Joe Cooper

Announcements

Session 1 on Wednesday the 20th will start at 8:00 am, not 8:30 as it states in the conference schedule. The keynote address will occur around 8:05. All of the papers in the first session will be moved up accordingly.

Headcount for today's luncheon: 30

General Business

APPENDIX E

DCS SUBCOMMITTEE

The Interim Meeting is scheduled for Birmingham, AL on 10-15-01.

The schedule for papers to be presented at the 2002 conference requires rough drafts by 11-07-01, and the final drafts to the reviewers by 12-19-01.

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

John Holmquist asked all reviewers to check the official guide to make sure that the role of the reviewer is understood. Mark Weaver noted that it is the responsibility of the reviewer to check the paper's accuracy, but not be the editor.

Jim Rooks wants to remind all of those people who volunteered to review a paper to do just that. Jim said that he normally gets back only about half of the papers he sends to reviewers.

It is also important that the sponsor not only coordinates the reviews of the paper, but also checks the presentation itself to make sure it conforms to IEEE guidelines. 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.

Bob Olsson was nominated and approved to be the next Chairman of the Drives and Controls Subcommittee, effective 7/1/01.

Future Papers

See attached paper summary list.

Del Seaver adjourned the meeting at 11:30 am.

APPENDIX E

DCS SUBCOMMITTEE

FUTURE PAPER

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

APPENDIX F CBS SUBCOMMITTEE
COMPUTER BASED SYSTEMS
SUBCOMMITTEE
JUNE 18, 2001 MEETING
MINUTES

Meeting Date: June 18, 2001
Meeting Start: 8:00 AM
Meeting Adjourn: 11:30 AM
Recorded by: John C. Thompson / Blake Lloyd
Total Members: 11
Members Present: 7

Kirk Armintor	Janet Flores	Mike Jhaveri
Blake Lloyd	Larry Thomas	John C. Thompson
Steve Trussell		

Members Excused: 4

Joe Armstrong	Stan Merritt	Reno Tonsi
John Worsham		

Members Not Excused: 0

Guests: 0

2002 Paper Reviewer:

Mike Jhaveri and Steve Trussell as alternate

2002 Meritorious Award Nominees:

Service – Dave Rollay, Engineering – Pete Crawford

Conference Volunteers:

Lights for Friday Session – Kirk Armintor

Introduction

John Thompson welcomed everyone to the Portland Conference and asked everyone to introduce himself or herself.

Minutes of the last meeting were accepted.

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

Announcements

The 2001 Interim Meeting will be held at the Sheraton Birmingham Hotel on October 14th and 15th. Reservations must be made by September 14th to receive the special meeting rate.

John C. Thompson has been selected to be Subcommittee ChairPerson for the next two years.

Seats were still available for the Safety Tutorial. Members were urged to attend if they didn't already have plans.

General Business

The Subcommittee minutes are to be submitted in a format developed by Rory Johnson.

The paper/panel/tutorial summary was reviewed and recorded in an Access database developed by Ron Simpson. Blake Lloyd volunteered to be our scribe. This database will be converted into an Excel spreadsheet by Ron and submitted to Rory for publication in the Full Committee Meeting Minutes. New topics were discussed, assigned to sponsors and added to the list. We currently have identified our paper status to be 1A, 1B, 4C, 1D and 5E with no proposed panels or tutorials.

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

The Executive Committee asked each Subcommittee to provide someone to assist and back up Blake Lloyd on the Conference paper presentations. Larry Thomas volunteered.

Paperwork had to be resubmitted for the Atlanta Conference so the audit is not complete.

There was a lengthy discussion on how to increase Conference attendance. It was noted that TAPPI/PCE&I has also recently been experiencing a decline in membership participation. The Executive Committee is going to be looking at options like merging with other professional organizations inside (i.e. Textiles and Cement) and outside (TAPPI or PIMA) IEEE. Consideration is also being given to expand the scope of the Committee to include the Forest Products and Converting Industries.

Future Papers

See attached paper summary list.

APPENDIX F

CBS SUBCOMMITTEE

FUTURE PAPERS

Number	Title	Author1	Status	Sponsor1	Reviewer1	Reviewer2	Reviewer3	Comments
1	Application of Flywheel UPS	Unknown	E	Steve Trussell				Authors Company=
2	Applying short circuit and Power Flow software with Power Monitoring System Information to Solve Mill Problems	Larry Thomas	B	Mike Jhaveri	Steve Trussell	John Thompson	Kurt Armator	Authors Company = Weyerhaeuser
3	Automated Tile Line Control	Unknown	E	John Thompson				Check with Union Camp
4	Changing from Proprietary DCS Based CD Controls	Steve Pittman	B	Janet Flores	Blake Lloyd	Stan Merritt	Mike Jhaveri	Author Company=Potlatch
5	Email Etiquette, or LACK of it!	John Thompson	C	Kurk Armator	Laurie Cihlar	Mike Jhaveri	Janet Flores	Authors Company=
6	Energy Management in a Paper Mill - Power Monitoring	Bob Deeb	C	Janet Flores	Blake Lloyd	Mike Jhaveri	John Thompson	Authors Company=
7	Getting around the Networking Nightmare	Steve Pittman	C	Larry Thomas				Authors Company=Potlatch
8	Self calibrating instruments	Unknown	E	Mike Jhaveri				Authors Company=Selestar?
9	The benefits of intelligent recipe management	Domique D de Kerf	A	Kurk Armator	Janet Flores	Larry Thomas	John Worsham	Authors Company=Cerestar
10	Using Ethernet as a means of Digital Control Signal Transmission	Unknown	E	Janet Flores				Authors Company=
11	Analog Control meets Digital at the Sheldon Corel		D	Kurk Armator				
12	Computer Based Training	Unknown	E	Larry Thomas				

APPENDIX G MEMBERSHIP REPORT

MEMBERSHIP REPORT
IEEE PULP & PAPER INDUSTRY COMMITTEE
ANNUAL MEETING
JUNE 18, 2001

Our current committee membership is 148. Since the interim meeting in October we have had no changes in membership. There is 1 application for membership pending.

Pending (1):
Jay Das

Report submitted by Alan Lowe, Membership Chairman.

SUPPLEMENTAL REPORT COVERING ACTIVITY AT THE 2001 CONFERENCE

Application for Jay Das was completed and he was added to membership.
Paul Tsou was dropped from membership. Had attended only one meeting in last 5 years.

Received 6 new applications:

- Ken Brink
- Richard Dykstra
- Tim Hoy
- John Malinowski
- Allen Watson
- Gary Wetzel

The membership roster included in the meeting minutes reflects these changes.

A number of members are reported to have retired or resigned. There are also a number of members who have not met the attendance requirements to remain active. The membership chair will attempt to contact these members between now and the interim meeting and make the appropriate changes to the roster.

Alan Lowe
7/19/01

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
Tim Albers																			X/X	X
Joe Armstrong												O/E	O/E	X/X	X/E	X/X	X/X	E/O	X/O	E
Peter Baen																/X	O/X	X/X	X/E	O
Ronda Banks														X/E	O/X	X/X	X/X	O/X	E/X	X
Robert Beltz																			E/E	O
Robert Bengston														X/X	X/X	E/O	O/O	O/O	O/O	O
John Bentley			X/E	X/X	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
Melvin Bernard																			O/O	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
Terry Branch							/E	X/X	X/O	X/E	X/X	X/O	X/O	O/E	E/E	O/E	O/O	O/X	O/O	O
Darrell Broussard																			O/O	O
Ken Bruni					E/X	X/X	X/E	X/X	X/X	X/E	X/E	X/O	X/E	X/O	X/O	E/E	E/O	O/O	E/O	R
Robert Burns																			O/O	O
David Burrow																X/X	O/E	O/O	O/O	X
Ken Butler																X/O	O/O	O/O	X/O	X
Rich Butler																		X/X	X/X	X
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
Tom Campbell																	X/O	X/E	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
Richard Carle														E/E	O/O	O/E	O/E	X/O	X/O	X
Hayes Carter																	-/X	O/O	O/O	O
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
Stephen Cheek												X/O	X/O	O/O	X/E	O/O	O/O	O/O	O/O	O
Laurie Cihlar											/X	X/X	X/X	O/X	O/X	E/E	E/X	X/E	E	
Gary Clodfelter																	E/E	E/O	O/O	O
Jim Closson																		-/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
Tim Crnko																		X/X	X/X	X
Pete Dalpe																		O/O	X/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
Jay Das																			-/X	X
Gene Davis, Jr.														/E	X/X	X/X	X/E	E/O	O/O	O
Del Decker												X/O	X/E	O/O	O/O	X/E	E/E	E/E	X/E	X
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
Pat Dooley												X/X	X/X	X/X	X/X	X/X	X/X	X/X	O/O	O
Gordon Dover																X/X	X/X	O/O	O/O	O
David Durocher																X/X	X/X	X/X	X/O	X
Stephen Dymes			/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	E/O	X
John Fagen																		X/X	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
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	
Janet Flores													X/X	X/X	E/X	X/O	E/X	O/E	X	
Russ Ford																		X/O	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
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
Douglas Frushour																X/X	E/O	O/X	X/O	O
Terry Gallagher																X/X	X/X	X/E	X/O	X
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
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

APPENDIX G

MEMBERSHIP REPORT

Bruce Graves			X/X	E/X	X/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		
Chuck Grucella									/E	X/E	E/X	X/E	X/E	X/E	E/E	E/O	E/O	O/E	O/O	O/O	O		
Tom Grudkowski																X/O	O/O	X/X			O		
Bucky Hammonds															O/X	X/E	X/O	X/O	O/X	X/O	O		
James Harris																		-/X	O/X	O/X	X		
Warren Henson																			O/X	X/E	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/X	X/E	X/X	X/X	X/X	X/X	X		
Warren Hopper																				X/E	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			
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	X		
Mike Jhaveri										/O	X/X	O/X	O/E	X/E	X/X	O/X	X/O	X/O	X/O	X			
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	X/X	E/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/X	X/E	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	X/X	O/X	X/X	X/X	X/X	X/X	X/X	E		
Robert Jordan																E/E	X/X	X/E	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/X	X/E	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		
John A. Kay																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		
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			
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			
Pat Link													/X	X/E	E/E	X/X	O/X	X/X	X/E	X/E	X		
Blake Lloyd														X/E	X/X	X/X	X/X	X/X	X/E	X/E	X		
Bob Lorenz																				X/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/X	X/E	X		
James Lyles																	X/O	O/O	O/O	X/E	O		
Jim Mantooth																		X/X	X/X	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			
Patrick McNulty																	X/X	X/X	O/X	X/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	X		
Larry Menche														X/E	X/X	X/O	X/E	E/E	X/X	X/O	E		
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	X/X	E/E	E/O	O		
David Mintzloff																	O/X	O/E	O/E	O/E	X/O	X	
Zafer Mohuiddin																				-/O	O		
Robert Montgomery																			-/X	X/X	X/X	E	
Doug Moody																				-/O	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/O	X/X	X/O	E/X	O/O	O/X	O/O	O		
Robert Moore																		X/O	X/O	X/O	O		
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/X	X		
Vernon Newbill																		X/O	X/X	E/X	O		
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			
Bill Nolley																			O/O	O/O	O		
Clifford Normand																		X/X	X/X	X/X	X		
Bob Olsson																		X/X	X/X	X/X	X		
Tom Osborne														O/E	X/E	X/X	X/X	X/E	O/O	O/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			
Jasper Parke																				O/O	O		
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		
Stephen Pittman																X/X	E/X	X/X	X/X	X/X	X/E	X	
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			

APPENDIX G

MEMBERSHIP REPORT

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	
Mike Poynter												X/E	X/O	X/E	E/E	X/O	X/O	X/O	X/E	O
Larry Pryor																X/E	X/E	X/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
Gary Reed																			O/O	O
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
Ed Reid								/X	X/X	X/X	X/X	X/E	E/X	E/X	X/X	X/O	O/O	E/O	X	
Duncan Rhodes																X/E	X/X	X/E	X/X	X
Dwayne Robbins																			O/O	O
Roly Roberge																		-/X	X/X	X
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
James Rooks																X/O	X/X	X/O	X/X	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	
Richard Schaefer																		-/E	X/E	X
Del Seaver													/O	X/X	X/O	X/E	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	
Bill Sexton																		-/O	O/O	O
Ralph Shead												/O	X/X	X/X	X/X	X/X	X/X	X/X	O	
Jim Simpson															X/X	E/X	X/X	O/O	E/O	O
Ron Simpson				E/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	
Ron Sinclair				/X	X/X	X/X	E/E	X/X	X/X	X/E	X/X	E/O	X/O	O/O	O/O	O/O	X/X	E/E	O	
Glenn Smith																		X/O	X	
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	
Fred Stack																X/X	O/O	O/O	O	
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
Prem Tagra														/X	X/O	E/X	O/O	O/O	O	
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	
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
John C. Thompson																X/X	X/X	X/X	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/X	X/E	X
Sid Ticker											X/E	X/X	O/X	X/X	X/E	X/X	X/O	O/O	O/O	O
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	
Charlie Toole																	X/O	X/E	O	
Steven Trussell																		X/O	X	
Paul Tsou							/X	X/X	X/X	X/E	X/O	X/O	X/X	E/E	O/O	X/O	O/O	O/O	R	
Anibal Valenzuela																		X/E	X	
Del Ventruella												X/E	X/E	O/X	X/X	X/X	O/O	O/O	O	
Bill Vilcheck															/X	X/X	O/X	X/X	X	
Wayne Vinson														O/X	X/X	X/X	X/X	X/E	E	
Erwin von der Ehe																X/E	X/E	X/O	X	
Hank Wachter									X/O	X/E	X/X	X/X	X/E	X/E	X/X	X/X	X/X	E/E	O	
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	
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	
Pete Werner												X/O	X/X	X/O	E/E	X/X	X/E	X/X	X	
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
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
John Worsham																X/X	X/E	X/O	E/O	O
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/O	X/X	X/X	X	
Mark Zawadzki																/X	E/X	X/O	X/X	E

APPENDIX H PAPER AWARDS AND PUBLICATIONS
INDUSTRY APPLICATIONS SOCIETY
Pulp & Paper Industry Committee

Special Recognition

Paper Reviewers for 2000 Conference in Atlanta

- ❖ **EMMC Subcommittee: Robert Montgomery, Westvaco Corporation**
- ❖ **PDS Subcommittee: Bill Vilcheck, Cutler Hammer**
- ❖ **TSSC Subcommittee: Ralph Shead, Diversified Supply**
- ❖ **DCS Subcommittee: Duncan Rhodes, Rockwell Automation**
- ❖ **CBS Subcommittee: Blake Lloyd, IRIS Power Engineering, Inc.**

Technical Paper Award Winners from 2000 Conference in Atlanta

❖ **1st Place Paper**

“Squirrel Cage Rotor Options for A.C. Induction Motors”

Authors: Austin Bonnett, U.S. Electrical Motors

Tim Albers, U.S. Electrical Motors

❖ **2nd Place Paper**

“Upgrading Power Distribution Equipment – Making the Right Choices for Reliable Paper Mill Operations”

Authors: John McAuliffe, International Paper

Dev Amin, Buckeye Technologies

Ian Peacock, Cutler Hammer

David Durocher, Cutler Hammer

“Reducing the Damaging Effects of Lightning in an Industrial Co-Generation Plant”

Authors: John Holmquist, Weyerhaeuser Company

Roger Jones, Weyerhaeuser Company

❖ **Best Mill Paper**

“Reducing the Damaging Effects of Lightning in an Industrial Co-Generation Plant”

Authors: John Holmquist, Weyerhaeuser Company
 Roger Jones, Weyerhaeuser Company

Technical Papers Selected for Publication from 2000 Conference in Atlanta

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 Holmquist
 Roger Jones
- ❖ *“Application Considerations for High Resistance Ground retrofits in Pulp and Paper Mills”*
 Authors: Robert Beltz
 Ian Peacock
 William Vilchek
- ❖ *“Digital Excitation System Provides Enhanced Performance and Improved Diagnostics”*
 Author: 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 Jeffries
 Evelyn Matheson
 Xiaozhou Zhou
- ❖ *“Digital Excitation System Provides Enhanced Tuning Over Analog Systems”*
 Author: Richard C. Schaefer
 Kiyong Kim
- ❖ *“Upgrading Power Distribution Equipment – Making the Right Choices for Reliable Paper Mill Operations”*
 Authors: John McAuliffe, International Paper
 Dev Amin, Buckeye Technologies
 Ian Peacock, Cutler Hammer
 David Durocher, Cutler Hammer
- ❖ *“Reliability Program for Mill Maintenance”*

Author: Rodney Bartell

- ❖ *“Arcing Flash/Blast Review With Safety Suggestions for Design and Maintenance”*
Author: Tim Crnko
Steve Dyrnes
- ❖ *“Using Fiber Optics to Create a Unified Cabling System for Process Control”*
Author: Eric Byres
Colin Mitchell
- ❖ *“Ambient Proportional Control Reduces Electrical Heat Tracing Costs”*
Author: Cameron Thomas
Peter R. Baen
- ❖ *“Industrial Applications of Current Signature Analysis to Diagnose Faults in 3-Phase Squirrel Cage Induction Motors”*
Author: William T. Thompson
Mark Fenger

Industry Application Transactions

- ❖ *“Squirrel Cage Rotor Options for AC Induction Motors”*
Author: Austin H. Bonnett
Tim Albers
- ❖ *“Power System Data Base Management”*
Authors: Ronald Simpson
- ❖ *“Electronic Line-Shafting Control for Paper Machine Drives”*
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”*
Authors: Michael 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”*
Authors: 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 Corp.**
- ❖ **PDS Subcommittee: Jim Closson, Basler Electric**
- ❖ **TSSC Subcommittee: Steve Pittman, Potlatch Corp.**
- ❖ **DCS Subcommittee: Duncan Rhodes, Rockwell Automation**
- ❖ **CBS Subcommittee: Janet Flores, Rockwell Automation**

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. Chudnowsky, 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