



INDUSTRY APPLICATIONS SOCIETY

Pulp & Paper Industry Committee

MINUTES
of the
FULL COMMITTEE
MEETING

1998 INTERIM MEETING
ATLANTA, GEORGIA
OCTOBER 22, 1998

**IEEE/IAS PULP & PAPER INDUSTRY COMMITTEE
INTERIM MEETING
MINUTES OF THE FULL COMMITTEE**

WELCOME AND INTRODUCTIONS.....	1
SECRETARY’S REPORT.....	1
EXECUTIVE COMMITTEE REPORT	1
PORTLAND CONFERENCE REPORT.....	1
TREASURER’S REPORT/CONFERENCE AUDITS	2
STANDING SUBCOMMITTEE REPORTS	2
MEMBERSHIP	2
MAILING LIST	2
PUBLICITY.....	2
AWARDS.....	3
FELLOWS NOMINATIONS.....	3
YOUNG PROFESSIONALS.....	3
LIAISON REPORTS	3
TAPPI.....	3
CPPA.....	3
IEEE/IAS	3
IEEE – STANDARDS	3
OPERATING SUBCOMMITTEE REPORTS	3
CBS.....	3
DCS.....	3
EMMC.....	3
PDS.....	4
TSSC	4
MOTOR SPEC. RECOMMENDED PRACTICES Ad Hoc	4
1999 SEATTLE TECHNICAL PROGRAM.....	4
FUTURE CONFERENCE SITES.....	4
OLD BUSINESS	5
NEW BUSINESS.....	5
APPENDICES.....	6
A - AGENDA	6
B - SIGN-IN SHEETS	8
C – ATTENDANCE RECORD.....	12
D - ROSTER	16
E – MAILING LIST REPORT	32
F – MEDIA PUBLICITY REPORT.....	33
G – REFERENCE LETTER	34
H – MILL MANAGER LETTER.....	35
I – EMMC SUBCOMMITTEE.....	37
J – TSSC SUBCOMMITTEE.....	43
K – DCS SUBCOMMITTEE.....	47
L – PDS SUBCOMMITTEE.....	55
M – CBS SUBCOMMITTEE.....	56
N – OPERATING GUIDE CHANGES.....	58

**IEEE/IAS PULP & PAPER INDUSTRY COMMITTEE
INTERIM MEETING
MINUTES OF THE FULL COMMITTEE
WESTIN HOTEL
ATLANTA, GEORGIA

OCTOBER 22, 1998**

WELCOME AND INTRODUCTIONS

Larry Thomas called the meeting to order at 1:05 and welcomed everyone to Atlanta, GA and to the Full Committee meeting. Larry then asked everyone to stand and introduce themselves.

SECRETARY'S REPORT

Ron Simpson circulated sign-in sheets for each member in attendance to sign in order to record their attendance. Roger Jones reported that the minutes for the last meeting were distributed, and solicited comments. The minutes were approved as submitted.

EXECUTIVE COMMITTEE REPORT

Ron Simpson reported that the Executive Committee met the previous evening in this hotel and that there were 15 in attendance. Ron announced that proposed changes to the Operating Guide included changes to the description for the Treasurer position. These proposed changes are:

The financial obligations of the interim meeting shall be charged to the following conference local committee budget. The expenses for the interim meeting will be paid from "seed" money advanced from IAS for the next conference.

Conference budgets in excess of \$100,000 will require an independent professional auditor for the close out of the conference books by IAS policy. Ron noted that all PPIC conferences have budgets in excess of \$100,000.

The Treasurer will assist the program chair in arranging and organizing tutorials, panel discussions and new product presentations for the next conference. A copy of the proposed changes to the operating guide are in Appendix N.

PORTLAND CONFERENCE REPORT

Tom Osborn reported that contrary to expectations the Portland Conference had made about \$47,000. Due to late registrations and overestimated expenses he had expected the conference to make only about \$10,000. The \$47,000 excess was split in half and returned to the IAS and the Local Committee. Total registration for the conference was 267 with 227 advance and 40 at the conference. We had 45 first time attendees and 97 guest. There were 283 for the social event. 91 attended the tutorials and 30 went on the Tuesday tour.

Total Income	= \$151,052.06
Total Expense	= \$103,577.89
Net Income	= \$ 47,474.17
Margin To date	= 36%

TREASURER'S REPORT/CONFERENCE AUDITS

Ron Simpson reported that the IAS report has been submitted for the Cincinnati Conference and there is one question back from the IEEE which is expected to be resolved shortly. This question dealt with the credentials of the auditor.

STANDING SUBCOMMITTEE REPORTS

MEMBERSHIP

Alan Lowe reported that membership is 130 members. There are 34 applications pending. Since the last Interim Meeting, there have been the following changes: 4 resigned, and 6 new members. Alan reported that there are 10 committee members who are not members of IAS as of the last membership roster. Alan will be contacting those members by letter to inform them of the policy requirement to be a member of IAS to be a member of the PPIC committee. Attendance record is Appendix C and the Roster is Appendix D.

Changes in membership are as follows:

Resigned: 4

Fazio, Robert
Ivey, Curt
King, Dinah
Schnitzler, Duane

New Members: 6

Clodfelter, Gary
Baen, Peter
Lyles, James
McNulty, Pat
Pryor, Larry
Zawadzki, Mark

MAILING LIST

Bob Morse reported that the mailing list was updated with the 1998 corrections from the conference mailing list books, the 1998 conference registration disk, and the added names sent to the ML coordinator during the year. We used the revised procedure for the mailing labels this year in that the MLC will send the revised ML disk to the Seattle Committee for their use in generating the mailing labels for the 1999 conference. The mailing list report is in Appendix E.

PUBLICITY

Ron Meihofler reported that the publicity report on the Portland Conference was mailed to Steven Cherry, Managing Editor of IEEE Industry Applications Magazine for inclusion in an upcoming issue. Steven said that it would run in the January/February issue. Copy of the release was handed out to the Executive Committee.

Publicity for the upcoming Seattle Conference will be sent to the Media Mailing List as soon as we have a preliminary listing of conference papers. At that time Ron will once again invite the various editors to attend the conference and offer them a complimentary registration. The media publicity report is in Appendix F.

AWARDS

Russ Thrift asked for one paper grader and one alternate to be selected from each subcommittee. He also asked for nominations for Meritorious awards to be submitted from each subcommittee.

FELLOWS NOMINATIONS

Clayton Reid reported that none of the three IEEE Fellows nominees from pulp and paper went through.

YOUNG PROFESSIONALS

No report.

LIAISON REPORTS

TAPPI

Burt Judson reported that TAPPI PCE&I committee conference is next March in Atlanta, GA. This will be a "mega-conference" along with an equipment show. The dates are March 1-4, 1999.

CPPA

Clayton Reid reported that CPPA has a meeting at the end of January, and invited others to visit their meeting and experience the Canadian Winter.

IEEE/IAS

Clayton Reid reported that if you sign up for IEEE before registering at the next conference, the reduction in the conference registration fee more than pays for the cost of membership. Clayton and the local committee will continue to offer reduced registration at the Seattle conference for attendees who join the IAS.

IEEE – STANDARDS

Jim Daly had nothing to report. They still continue to monitor any new standards.

OPERATING SUBCOMMITTEE REPORTS

The following subcommittee chairmen made verbal reports of the activities in their respective subcommittees. The written reports are in the Appendix.

CBS

Blake Lloyd reported 6 members present and 2 visitors with 5 excused absences for a total of 11 members. Blake reported 3 "A" papers, 6 "B" papers, 2 "C" papers, 4 "D" papers, and 4 "E" papers. The CBS Subcommittee report is in Appendix M.

DCS

John R. Thompson reported that there were 22 members present, with 9 excused and 18 unexcused absences. John reported 11 "A" papers, 5 "B" papers, 3 "C" papers, 3 "D" papers and 4 "E" papers. The DCS Subcommittee report is in Appendix K.

EMMC

Rory Johnson reported that 11 members were present with 3 guest. They had 9 excused absences and 6 unexcused absences for a total of 26 members. He reported 8 "A" papers, 5 "B" papers, 3 "C" papers, 6 "D" papers, and 1 "E" paper. The EMMC Subcommittee report is in Appendix I.

PDS

Ken Adams reported 12 "A" papers and 6 "B" papers. No report submitted to Secretary for minutes.

TSSC

Steve Pittman reported that 7 members attended with 1 guest. They had 8 excused absences and 1 unexcused absence. He reported 2 "A" papers, 3 "B" papers, 4 "D" papers and 2 "E" papers with 1 possible tutorial. The TSSC Subcommittee report is in Appendix J.

MOTOR SPEC. RECOMMENDED PRACTICES Ad Hoc

Austin Bonnett asked that those interested in Standard IEEE-841 please meet after the Full Committee meeting is over and he would brief them on the activities of the IEEE-841 committee.

1999 SEATTLE TECHNICAL PROGRAM

Roger Jones reported on the data received from the subcommittees and put the tally on the overhead projector. His report is as follows:

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

Class B paper has a sponsor, a committed author, and an abstract in hand

Class C paper has a sponsor, and a committed author

Class D paper has a sponsor, and an identified author

Class E paper has a sponsor and we would like to find an author but no one has been contacted.

CLASSIFICATION

	A	B	C	D	E	Tutorials	Panels
DCS	11	5				1	
CBS	4	4				1	
TSSC	3	4		3	2		
EMMC	7	4	3	7	1		1
PDS	12	6				1	
TOTAL	37	23	3	10	3	3	1

Roger advised the authors to get the papers in early since there are more A papers reported than there are slots in the technical program.

FUTURE CONFERENCE SITES

Tom Shearer reported about the plans and efforts for the 1999 conference. The budget has been approved, and they have their seed money from national and the local chapter. Tours might include the Boeing 747 assembly plant and/or the Snoqualmie Falls. They plan a northwestern theme for the social evening at the Museum of Flight. The evening will include micro-brewery tasting booths and will be on Wednesday night. The cost of the Four Season's hotels rooms will be \$215.00. Some concern was expressed on the part of the mill representatives that breaking the \$200 barrier might discourage some mill managers from sending engineers to the conference. The alternate hotel is the Crowne Plaza where the rate is \$214.00.

Tom made a presentation on the Seattle Conference Web Site. This is the first web site ever developed for a pulp and paper conference. The address of the web site is: www.ieee-seattle-pnp-conf.org. Tom accessed the web site for the presentation. From this site you will be able to get a complete list of Scheduled Papers & Tutorials, get information on this years Social Event & Guest Program, access the most up to date Hotel & information, download shuttle schedules (to & from Airport to Hotels), Register on-line or download a registration form.

A list of the local committee members and their email addresses can also be accessed. Also information on the guest program and an Alaskan cruise the week following the conference are available.

The social event and banquet evenings will be reversed this year with the social event on Wednesday night and the banquet on Thursday night. This allows the conference to have the Museum of Flight reserved solely for the PPIC conference social event on Wednesday evening.

Charlie Canty spoke about the PPIC year 2000 conference in Atlanta. The contract is in negotiation for the hotel which is the Renaissance/ Waverly Hotel. The date has been changed to the 3rd week in June.

John Kay spoke about Toronto for 2002. They are in process of hotel selection and are having difficulty for 2002. Hotel occupancy rates in Toronto are extremely high. John reported that the American Bar Association had to book rooms 10 years in advance to get enough vacant rooms for their conference in Toronto.

Looking for ideas for 2003 and 2004.

1999	Seattle, WA	Four Seasons/ Olympia	Tom Shearer	June 21-25
2000	Atlanta, GA	Renaissance/ Waverly Hotel	Charlie Canty	June 19-23
2001	Portland, OR		George Matto	(tent. 3 rd week)
2002	Toronto, ON		John Kay	(tent. week of 6/17)
2003				

OLD BUSINESS

Blake Lloyd will continue to be the Power Point presentation coordinator for the conference.

NEW BUSINESS

The meeting was adjourned at 3:15 PM.

**FULL COMMITTEE AGENDA
IEEE PULP & PAPER INDUSTRY COMMITTEE
INTERIM MEETING**

**WESTIN HOTEL - ATLANTA, GA
THURSDAY, OCTOBER 22, 1998
1:00 PM**

- | | | |
|---|----------------|------------|
| 1 - Welcome & Introductions | Larry Thomas | |
| 2 - Review/Approval of Minutes of 6/22/98 Meeting | Roger Jones | |
| 3 - Executive Committee Report | Ron Simpson | |
| 4 - Portland Conference Report | Tom Osborne | |
| 5 - Treasurers Report/Conference Audits | | |
| a - Cincinnati Audit Report | Ron Simpson | |
| b - Portland Conference Report | Phil Fransen | |
| 6 - Standing Subcommittee Reports: | | |
| a - Membership | Alan Lowe | |
| b - Mailing List | Bob Morse | |
| c - Publicity | Ron Mehofer | |
| d - Awards | Russ Thrift | |
| e - Fellows Nominations | Clayton Reid | |
| f - Young Professionals | Laurie Cihlar | |
| 7 - Liaison Reports: | | |
| a - TAPPI | Burt Judson | |
| b - CPPA | Clayton Reid | |
| c - IEEE-IAS | Clayton Reid | |
| d - IEEE - Standards Coordinating | Jim Daly | |
| 8 - Operating Subcommittee Reports: | | |
| a - EMMC | Rory Johnson | |
| b - PDS | Ken Adams | |
| c - TSSC | Steve Pittman | |
| d - DCS | John Thompson | |
| e - CBS | Blake Lloyd | |
| f - Motor Spec./Recommended Practices/AD-HOC | Austin Bonnett | |
| 9 - 1999 Seattle Conference Report (June 21-25, 1999) | Tom Shearer | |
| 10 - 1999 Seattle Technical Program | Roger Jones | |
| 11 - Future Conferences: | | |
| Future Conference Sites | Phil Fransen | |
| 1999 - Seattle, WA Four Seasons/Olympia | Tom Shearer | June 21-25 |
| 2000 - Atlanta, GA Renaissance/Waverly Hotel | Charlie Canty | June 12-16 |

2001 - Portland, OR
2002 - Toronto

George Matto
John Kay

12 - Old Business

13 - New Business

**Adjourn Full Committee Meeting approximately 3:15
PM!**

98flmtg

**IEEE/IAS PULP & PAPER INDUSTRY COMMITTEE
FULL COMMITTEE MEETING THURSDAY OCTOBER 22, 1998**

NAME	COMPANY	CITY	e-mail ADDRESS
P. Rouillier	GE	Birmingham, AL	Paul.Rouillier@indsys.ge.co
Walt Jones	ME	Salem, VA	WALTER.JONES@GE.MS.GE.CO.
WAYNE VINSON	BOWATER	CATAWBA S.C.	VINSONW02@BOWINC.COM
LLOYD L. CAIN	NATIONAL	ELLISSVILLE, MO	LCAIN.NATIONAL@CCI.LL.COM
Eltan L. Parker	Cutler-Hammer	Charlotte NC	PARKEREL@aol.com
STANLEY Y. MERRITT	MERRITT & ASSOCIATE	FRANKLIN VA	stgarrin@aol.com
Jim Simpson	RAYTRON	BIRMINGHAM AL	Jim_Simpson@raytec.com
Clifford Normand	INTERNATIONAL PAPER	LOVELAND OH	CLIFF.NORMAND@IPAPER.COM
Mark Zawadzki	INTERNATIONAL PAPER	Loueland OH	Mark.Zawadzki@IPAPER.COM
Duncan Brooks	Rockwell Automation	Rockwell Automation	djbros@ra.rockwell.com
Bill Vitcheck	Cutler-Hammer	Pittsburgh, PA	vitcheck@ch.etn.com
BOB OLSSON	AVTRON MFG.	CLEVELAND OH	rolsson@avtron.com
PAT DOOLEY	VIRGINIA TRANSFORMER	Roanoke, VA	pat_doolley@vatransformer.com
KEN ADAMS	SQUARE D CO.	Smyrna, TN	adamsk@squared.com
RORY JOHNSON	WILLAMETTE IND.	PORTLAND, OR	rjohnson@wii.com
DAVE DROCHER	CUTLER HAMMER	Portland, OR	dwdcdb@ch.etn.com
Ron Simpson			
Roger Jones			
Larry Thomas			

IEEE/IAS PULP & PAPER INDUSTRY COMMITTEE
FULL COMMITTEE MEETING **THURSDAY OCTOBER 22, 1998**

NAME	COMPANY	CITY	e-mail ADDRESS
Tom Shearer	Rockwell Automation	Bellevue, WA	tmshearer@ra.rockwell.com
Suzanne Stasema	D.M.I	Peace Ridge, AL	stasema@baldwin.com
PREM P. TAGRA	SANDWELL INC	ATLANTA GA.	ptagra@sandwell.com
JOHN A. KAY	Rockwell Automation	Cambridge, ONT, CAN	jakay@ra.rockwell.com
BURT JUDSON	Rockwell Automation	Cleveland, OH	bjjudson@ra.rockwell.com
John Levine	Levine Locksmiths & Electric	Atlanta, GA	John@L-3.com
KARL MEIHOFFER	SQUARE D Company	ATLANTA GA	MEIHOFFER@SQUAREDCOM
RON MEIHOFFER	EUROTHARM DRIVES	MARIETTA, GA	ron.meihofer@drives.eurotharm.com
JOHN R THOMPSON	Consolidated Paper	Duluth, MN	John.Thompson@CONPAPERS.COM
BOB MORSE	BOB MORSE INC	ROANOKE VA	BOB.MORSE@CSIT.NET
PETER BAEN	THERMON	San Marcos, Texas	pbaen@thermon.com
JAMES H. HARRIS	BICC CABLES	Charlotte, N.C.	jharris@BICCables-NA.com
Rhonda D Banks	Westvaco Corp	N Charleston, SC	rdbanks@westvaco.com
Robert m. montgomery	Westvaco Corp	N Charleston, SC	rmontg@Westvaco.com
SCOTT SALTER	DEAN OLIVER INTL	Savannah, GA	SCOTT.SALTER@IBM.NET
RALPH SHEED	PUERTO RICO SUPPLY	ATLANTA, GA.	
STEVE PITMAN	POTLATCH PULP & PAPER	LEWISTON, ID.	SDPITMA@potlatch.com
BLAKE LLOYD	IRIS POWER		
JOHN THOMPSON	CUTLER-HAMMETT		
CHRISTEN REID	Rockwell Auto	CAMBRIDGE	chreid@na.rockwell.com

IEEE/IAS PULP & PAPER INDUSTRY COMMITTEE
FULL COMMITTEE MEETING **THURSDAY OCTOBER 22, 1998**

NAME	COMPANY	CITY	e-mail ADDRESS
GeORge DOver	ROCKWELL AUTOMATION	SO. PORTLAND, ME	GR.DOVER@RA.ROCKWELL.COM
JAMES ROCKS	J&R CONSULTING	TIGARD, OR	jrocks@jrc.com
John R. Holmquist	Weyerhaeuser	TACOMA, WA	holmquist@wdwi.com
JOHN M. BENTLEY	DRIVES CONSULTANT	CEDARBURG, WI	johnbentley@prodigy.net
PATRICK LINK	ABE	ATLANTA	PATRICK.LINK@USINP.MAIL.GEORGIA.COM
J.R. THRIFT	Georgia Power a Southern Company	ATLANTA	J.R.Thrift.LII@SouthernCo.COM
DAVID ROLLAY	ROCKWELL AUTOMATION	MILWAUKEE	drollay@RA.ROCKWELL.COM
Alan Lowe	Simons Engineering	Atlanta	alowe@hasimons.com
Austin Bennett	US Motors	ST LOUIS MO	austimb@usmotors.com
FRED STACK	US Motors	ST LOUIS MO	FRED.STACK@USMOTORS.COM
Rob Boteler	us motors	ST LOUIS MO	Rob.Boteler@usmotors.com

IEEE/IAS PULP & PAPER INDUSTRY COMMITTEE
FULL COMMITTEE MEETING **THURSDAY OCTOBER 22, 1998**

NAME	COMPANY	CITY	e-mail ADDRESS
Del Ventruella	GE	Birmingham, AL	
BRUCE CAMPBELL	SIEMENS	Cincinnati, OH	bruce.campbell@sea.siemens.com
HAYES CARTER	DEAN OLIVER INT'L	SARASOTA, GA	dosav@syscomm.com
RICK WATKINS	DEAN OLIVER INT'L	ATLANTA, GA	
CHAYTON REID	ROCKWELL AUT.	CAMBRIDGE ON	chreid@ra.rockwell.com
Joe Armstrong	Boise Cascade Corp	Jackson, AL	Joe_armstrong@bc.com
Pete Werner	Rockwell Automation	Meyerton, WI	phwerner@ra.rockwell.com
HANK WACHTER	" "	ATLANTA	HGWACHTER@RA.ROCKWELL.COM
TERRY GALLAGHER	" "	PORTLAND, OR	TKGALLAGHER@RA.ROCKWELL.COM
Pat McNulty	" "	Atlanta	ptmcnulty@ra.rockwell.com

rwj:SIGN IN.doc

APPENDIX C

ATTENDANCE RECORD

	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98
	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
Ken Adams		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
Brian Akeley																	X/O
Kirk Armintor										X/O	E/X	O/O	X/X	X/E	X/X	X/O	O/O
Joe Armstrong												O/E	O/E	X/X	X/E	X/X	X/X
Peter Baen																/X	O/X
Ronda Banks														X/E	O/X	X/X	X/X
Jay Bannerjee							X/X	X/X	X/X	X/X	X/X	E/E	E/E	X/O	E/O	E/E	O/R
Robert Bengston														X/X	X/X	E/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
Austin Bonnett									X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X
Rob Boteler																	X/X
Jim Bowen																X/O	O/O
Terry Branch							/E	X/X	X/O	X/E	X/X	X/O	X/O	O/E	E/E	O/E	O/O
Kenneth Brink																X/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
Ken Butler																X/O	O/O
David Burrow																X/X	O/E
Lloyd Cain			X/X	X/X	X/X	X/X	X/E	X/E	X/E	X/E	X/E	X/E	X/O	X/X	X/O	X/E	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
Tom Campbell																	X/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	
Richard Carle													E/E	O/O	O/E	O/E	
Hayes Carter																	-/X
TC Chao						X/X	X/X	X/X	X/X	O/O	X/X	X/O	X/E	E/X	E/O	O/O	
Stephen Cheek												X/O	X/O	O/O	X/E	O/O	
Laurie Cihlar											/X	X/X	X/X	O/X	O/X	E/O	
Gary Clodfelter																	E/E
Robert Cotton											X/X	X/X	X/X	X/X	X/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
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
Gene Davis, Jr.													/E	X/X	X/X	X/E	
Del Decker											X/O	X/E	O/O	O/O	X/E	E/E	
Don Deyo						/E	X/X	X/X	X/X	X/O	E/X	X/X	E/E	X/E	X/O		
Steve Dolman															X/O	O/O	
Pat Dooley											X/X	X/X	X/X	X/X	X/X		
Gordon Dover															X/X	X/X	
David Durocher															X/X	X/X	
Jack Dwyer												/X	X/X	O/O	O/O		
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	
Pete Famighetti						X/O	X/O	X/E	X/X	X/E	X/E	E/E	E/E	E/E	O/O	X/E	
Robert Fazio															X/X	O/O	
Bob Finke								X/E	X/X	X/X	X/E	E/X	X/O	X/O	X/X	O/O	
Janet Flores													X/X	X/X	E/X	X/O	
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/O
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
Douglas Frushour															X/X	E/O	
Terry Gallagher															X/X	X/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	

APPENDIX C

ATTENDANCE RECORD

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
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
Chuck Grucella								/E	X/E	E/X	X/E	X/E	X/E	X/E	E/E	E/O	E/O
Tom Grudkowski																	X/O
Bucky Hammonds														O/X	X/E	X/O	X/O
James Harris																	-/X
Tom Herman																	X/O
John Holmquist					/E	X/E	X/X	X/X	X/E	X/X	X/E	X/X	X/X	X/X	X/X	X/E	X/X
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
Curt Ivey	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	E/E	X/E	E/E	E/E	E/E	E/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
Barbara Jensen														X/X	O/O	O/O	O/O
Mike Jhaveri										/O	X/X	O/X	O/E	X/E	X/X	O/X	X/O
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
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
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
Robert Jordan															E/E	X/X	X/E
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
Dick Kane								/X	X/E	X/E	O/O	O/X	X/E	X/E	X/E	E/E	X/E
John A. Kay															X/X	X/X	X/X
John T. Kay										/O	X/X	X/X	X/X	X/X	X/E	X/X	O/E
Farida Khan									X/X	X/E	X/X	X/X	X/O	O/O	O/X	O/O	O/O
Shoaib Khan								/E	X/O	X/O	X/O	X/O	X/O	X/O	X/E	X/X	X/E
Dinah King																X/X	O/O
Brian Kochan															O/R	O/O	O/O
Richard Kramer										/O	X/E	X/E	X/O	X/E	E/E	O/E	X/E
Neville Laing									/E	E/E	X/E	E/E	X/O	O/E	X/E	E/E	O/E
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
Phung Le															O/X	O/O	O/O
John Levine											/X	E/X	X/X	E/X	X/E	O/X	X/X
Pat Link												/X	X/E	E/E	X/X	O/X	X/X
Blake Lloyd													X/E	X/X	X/X	X/X	X/X
Alan Lowe						O/E	X/E	X/X	X/X	X/X	X/X	X/X	X/E	X/X	X/X	X/X	X/X
James Lyles																X/O	O/O
Indra Madan								X/X	X/E	E/O	O/O	E/O	E/O	E/E	O/E	E/O	O/O
Henry Martin																X/O	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
Patrick McNulty																X/X	X/X
Ron Meihofe	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
Larry Menche													X/E	X/X	X/O	X/E	E/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
Joe Miller	X/O	X/E	X/E	X/E	X/E	X/X	X/X	X/X	X/O	X/E	X/X	X/E	X/E	X/E	O/O	E/O	E/O
David Mintzloff															O/X	O/E	O/E
Zafer Mohiuddin								X/O	E/O	E/E	O/O	O/O	E/O	O/O	O/O	O/O	O/O
Robert Montgomery																	-/X
Jim Moore									O/X	O/O	X/X	X/X	O/O	O/E	E/O	O/O	O/O
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
Robert Moore																	X/O
Sam Moore																X/O	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

APPENDIX C

ATTENDANCE RECORD

Dick Morrison	/X	X/X	X/X	X/X	E/X	X/X	X/X	E/X	X/X	X/X	E/X	X/X	R	X/X	X/X	O/O	O/O
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
Vernon Newbill																	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
Clifford Normand																X/X	X/X
John O'Kroneg							X/E	X/E	X/E	X/E	X/E	E/O	O/O	E/O	O/O	O/O	O/O
Don Oliver									O/E	E/E	E/E	E/E	O/O	E/O	O/O	O/O	O/O
Bob Olsson																X/X	X/X
Tom Osborne													O/E	X/E	X/X	X/X	X/E
Bud Palmer							X/X	O/X	X/X	X/X	X/X	X/X	X/O	E/X	E/X	X/X	O/O
Richard Palmer														X/X	X/X	E/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
James Parker														O/O	O/O	O/O	O/O
Randy Paulson									/E	X/E	X/O	E/O	E/O	E/O	O/O	O/O	O/O
Stephen Pittman														X/X	E/X	X/X	X/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
Jim Poole							X/E	X/X	E/E	X/X	X/O	E/E	X/X	X/E	E/E	O/O	O/O
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
Mike Poynter													X/E	X/O	X/E	E/E	X/O
Bobby Prater	X/X	X/X	X/E	X/E	E/X	X/E	X/E	E/E	X/E	E/E	E/E	E/E	O/O	E/O	O/O	O/O	O/O
Ralph Prescott																	X/O
Larry Pryor																	X/E
Bill Reshel																/X	E/O
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
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
Ed Reid									/X	X/X	X/X	X/X	X/E	E/X	E/X	X/X	X/O
Duncan Rhodes																X/E	X/X
Mike Riverin							E/X	X/X	X/X	X/X	X/X	X/X	X/X	X/E	X/X	E/O	E/O
Dave Rollay	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	E/X
James Rooks																X/O	X/X
Paul Roullier									/X	X/X	X/E	X/X	X/X	X/X	X/X	X/E	X/X
Rene Santiago														/E	O/O	O/O	O/O
John Schaffer													X/O	X/O	O/O	O/O	X/O
Duane Schnitzler	O/E	O/O	E/X	X/X	X/X	X/E	E/X	X/E	X/E	X/O	X/E	O/O	X/O	X/O	X/O	O/O	O/O
Bob Schoolcraft													E/O	O/X	X/E	O/O	O/O
Del Seaver													/O	X/X	X/O	X/E	
Ted Sexton									/E	X/E	X/X	X/O	O/O	O/E	X/O	O/O	X/E
Suresh Sharma																	X/X
Ralph Shead													/O	X/X	X/X	X/X	X/X
Tom Shearer																X/X	X/X
Jim Simpson															X/X	E/X	X/X
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
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	O/O
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	X/O
Fred Stack																	X/X
Joseph Stees																X/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
David Swindler																X/O	O/O
Prem Tagra															/X	X/O	E/X
Chand Tailor													X/E	X/E	X/X	O/O	O/O

APPENDIX C

ATTENDANCE RECORD

Larry Thomas								E/E	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	
John C. Thompson																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	
Sid Ticker											X/E	X/X	O/X	X/X	X/E	X/X	X/O	
Mike Tiller																X/O	O/E	
Reno Tonsi							/X	X/E	X/E	X/X	X/X	X/E	X/E	X/X	X/X	X/X	X/O	
Don Tremaglio												X/O	X/O	E/O	O/O	O/O	O/O	
Tim Trumbo					/X	X/O	X/X	E/X	X/X	X/O	X/O	X/E	X/O	X/O	O/O	O/O	O/O	
Paul Tsou								/X	X/X	X/X	X/E	X/O	X/O	X/X	E/E	O/O	X/O	
Greg Vaughn																X/O	O/O	
Del Ventruella													X/E	X/E	O/X	X/X	X/X	
Bill Vilcheck																/X	X/X	
Wayne Vinson															O/X	X/X	X/X	
Erwin von der Ehe																	X/E	
Hank Wachter										X/O	X/E	X/X	X/X	X/E	X/E	X/X	X/X	
Barclay Wallace																O/O	O/O	O/O
Rhett Ward	X/X	X/X	X/X	X/X	X/X	X/X	X/X	X/X	E/X	E/O	E/E	E/O	E/E	E/O	O/O	O/O	O/O	
Rick Watkins								/X	X/X	X/X	X/O	X/X	E/X	X/X	X/E	O/X	X/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	
George Weihrauch																X/O	O/O	
Pete Werner													X/O	X/X	X/O	E/E	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	
Charles Wood							E/X	E/X	E/X	E/O	O/X	E/X	E/X	O/O	X/X	E/X	O/O	
John Worsham																X/X	X/E	
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	
Mark Zawadzki																/X	E/X	

X = Present E = Excused Absence O = Unexcused Absence R = Resigned or Retired D = Dropped

IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

K H ADAMS [Ken] IEEE Member #1236173 PPIC Member Since 3/83 Subcommittee PDS	Office: 615-459-5026 Fax: 615-459-1312 Home 615-896-8161 E Mail: adamsk@squared.com	SQUARE D COMPANY 330 WEAKLEY LANE SMYRNA, TN 37167
BRIAN D AKELEY [Brian] IEEE Member # PPIC Member Since Subcommittee DCS	Office: 207-623-7751 Fax: 207-862-3113 Home 207-862-6963 E Mail: akelebd@ch.etn.com	CUTLER-HAMMER 150 CAPITOL ST AUGUSTA, ME 04330
JOSEPH K ARMINTOR [Kirk] IEEE Member #5579180 PPIC Member Since 6/91 Subcommittee CBS	Office: 281-445-4999 Fax: 409-895-0244 Home 409-895-0357 E Mail: jkarmintor@re.ra.rockwell.com	ROCKWELL AUTOMATION 4635 TAFT BEAUMONT, TX 77706
JOSEPH N ARMSTRONG [Joe] IEEE Member #7410160 PPIC Member Since 5/92 Subcommittee CBS	Office: 334-246-8331 Fax: 334-246-8345 Home 334-246-7189 E Mail: joe_armstrong@bc.com	BOISE CASCADE CORP WHITE PAPERS DIVISION 307 WEST INDUSTRIAL ROAD JACKSON, AL 36545
PETER R BAEN [Peter] IEEE Member #4757670 PPIC Member Since 1990 Subcommittee EMMC	Office: 512-396-5801 Fax: 512-396-3627 Home 512-353-1127 E Mail: pbaen@thermon.com	THERMON MANUFACTURING CO 100 THERMON DR P O BOX 609 SAN MARCOS, TX 78667
RHONDA D BANKS [Rhonda] IEEE Member #4876215 PPIC Member Since 7/95 Subcommittee EMMC	Office: 843-745-3313 Fax: 843-745-3173 Home 843-884-3402 E Mail: rdbanks@westvaco.com	WESTVACO CORPORATION KRAFT DIVISION 5600 VIRGINIA AVENUE P O BOX 118005 NORTH CHARLESTON, SC 29423 8005
J J BANNERJEE [Jay] IEEE Member #4068383 PPIC Member Since 5/88 Subcommittee PDS	Office: 714-435-4520 Fax: 714-433-2245 Home - E Mail:	SIEMENS ENERGY & AUTOMATION INC 3 HUTTON CENTRE DRIVE P O BOX 600 SANTA ANA, CA 92707
ROBERT G BENGSTON [Bob] IEEE Member #3719796 PPIC Member Since 7/95 Subcommittee DCS	Office: 501-354-9214 Fax: 501-354-9265 Home 501-354-5272 E Mail:	GREEN BAY PACKAGING AKD HIGHWAY 113 SOUTH P O BOX 711 MORRILLTON, AR 72110
J M BENTLEY [John] IEEE Member #364101 PPIC Member Since 5/84 Subcommittee DCS	Office: - Fax: 414-376-1747 Home 414-377-4292 E Mail: jmbentley@prodigy.net	DRIVES CONSULTANT N50W6890 WESTERN RD CEDARBURG, WI 53012
MELVIN L BERNARD [Mel] IEEE Member #4384061 PPIC Member Since 4/94 Subcommittee PDS	Office: 404-696-4550 Fax: 404-699-3385 Home 404-819-4069 E Mail:	CLEVELAND ELECTRIC COMPANY 3795 WENDELL DR SW P O BOX 44088 ATLANTA, GA 30338
AUSTIN H BONNETT [Austin] IEEE Member #5871892 PPIC Member Since 12/89 Subcommittee DCS	Office: 314-553-2048 Fax: 314-553-1196 Home 314-256-9162 E Mail: austinb@usmotors.com	US ELECTRICAL MOTORS DIV EMERSON 8100 WEST FLORISSANT AVE P O BOX 3946 ST LOUIS, MO 63136

IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

ROB BOTELEER [Rob] IEEE Member # PPIC Member Since Subcommittee	Office: 314-553-1179 Fax: 314-553-1196 Home 314-447-3692 E Mail: rob.boteler@usmotors.com	US ELECTRICAL MOTORS 8100 W FLORISSANT AVE ST LOUIS, MO 63136
TERENCE G BRANCH [Terry] IEEE Member #6283980 PPIC Member Since 10/88 Subcommittee PDS	Office: 905-844-6548 Fax: 905-844-8338 Home 416-844-8338 E Mail:	PDR TECHNOLOGIES 1024 ROBARTS ROAD OAKVILLE, ON L6H 2B1
DARRELL G BROUSSARD [Darrell] IEEE Member #6675615 PPIC Member Since 2/94 Subcommittee PDS	Office: 713-978-4434 Fax: 713-978-5100 Home 713-777-5607 E Mail:	PE GE INDUSTRIAL SALES SUITE 300 10000 RICHMOND AVE HOUSTON, TX 77042 4200
KENNETH A BRUNI [Ken] IEEE Member #5500897 PPIC Member Since 6/86 Subcommittee EMMC	Office: 717-476-9031 Fax: 717-476-9020 Home 717-629-3350 E Mail:	CARBON PRODUCTS OPERATIONS INC 100 STOKES AVE E STROUDSBURG, PA 18301
ROBERT V BURNS [Bobby] IEEE Member #40299875 PPIC Member Since Subcommittee PDS	Office: 423-336-7869 Fax: 423-336-7151 Home 423-472-5535 E Mail: burnsv@bowinc.com	BOWATER INC 5020 HWY 11 CALHOUN, TN 37309
DAVID A BURROW [David] IEEE Member #40226042 PPIC Member Since Subcommittee PDS	Office: 912-238-6136 Fax: 912-238-6125 Home 912-897-3371 E Mail: dburrow@ucamp.com	UNION CAMP CORP CORPATE ENG DIV PO BOX 2310 190 CROSSROADS PARKWAY SAVANNAH, GA 31422
KENNETH P BUTLER [KEN] IEEE Member #40099464 PPIC Member Since 3/98 Subcommittee DCS	Office: 513-965-4506 Fax: 513-831-1903 Home 513-231-7621 E Mail: kpbutler@re.ra.rockwell.com	ROCKWELL AUTOMATION 25 WHITNEY DRIVE SUITE 100 MILFORD, OH 45150
LLOYD L CAIN [Lloyd] IEEE Member #2923647 PPIC Member Since 4/84 Subcommittee EMMC	Office: 706-276-2500 Fax: 706-276-2510 Home 706-276-3191 E Mail: lcairn@nationalcar.com	NATIONAL CARBON P O BOX 425 ELLIJAY, GA 30540 1006
BRUCE H CAMPBELL [Bruce] IEEE Member #0015198 PPIC Member Since 10/89 Subcommittee EMMC	Office: 513-841-3197 Fax: 513-841-3101 Home 513-474-1309 E Mail: bruce.campbell@sea.siemens.com	SIEMENS ENERGY & AUTOMATION INC 4620 FOREST AVENUE NORWOOD, OH 45212 3396
THOMAS G CAMPBELL [TOM] IEEE Member #01493378 PPIC Member Since Subcommittee EMMC	Office: 914-353-4000 Fax: 914-353-0542 Home 914-424-4976 E Mail: tcampbel@bicccables-na.com	BICC CABLES ONE CROSFIELD AVE WEST NYACK, NY 10994
CHARLES L CANTY [Charlie] IEEE Member #7132756 PPIC Member Since 5/85 Subcommittee PDS	Office: 770-433-9336 Fax: 770-433-9518 Home 770-889-2045 E Mail:	SANDWELL INC SUITE 300 2690 CUMBERLAND PARKWAY ATLANTA, GA 30339

Rev. 11/23/98

Page2

IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

RICHARD H CARLE [Rich] IEEE Member #5437637 PPIC Member Since 7/95 Subcommittee EMMC	Office: 360-636-6328 Fax: 360-636-6582 Home 360-425-0981 E Mail:	WEYERHAEUSER COMPANY 3401 INDUSTRIAL WAY P O BOX 188 LONGVIEW, WA 98632
H HAYES CARTER [Hayes] IEEE Member #40235606 PPIC Member Since Subcommittee EMMC	Office: 912-236-4565 Fax: 912-236-4048 Home 912-756-6057 E Mail: dosav@sysconn.com	DEAN OLIVER INTERNATIONAL 109 PARK OF COMMERCE DRIVE SAVANNAH GA 31405
TUNG CHAO [TC] IEEE Member #2832202 PPIC Member Since 6/88 Subcommittee PDS	Office: 919-859-5047 Fax: 919-859-5151 Home 919-467-5064 E Mail: tung.chao@jacobs.com	JACOBS-SIRRINE ENGINEERS INC SUITE 500 5511 CAPITAL CENTER DRIVE RALEIGH, NC 27606
STEPHEN L CHEEK [Stephen] IEEE Member #1033919 PPIC Member Since 5/94 Subcommittee DCS	Office: 919-633-7209 Fax: 919-633-7358 Home 919-633-6775 E Mail:	WEYERHAEUSER COMPANY P O BOX 1391 NEW BERN, NC 28560
LAURIE K CIHLAR [Laurie] IEEE Member #8676322 PPIC Member Since 7/93 Subcommittee EMMC	Office: 803-745-3153 Fax: 803-745-3173 Home 803-763-5168 E Mail: lkcihla@westvaco.com	WESTVACO KRAFT DIVISION 5600 VIRGINIA AVENUE P O BOX 118005 NORTH CHARLESTON, SC 29423 8005
GARY N CLODFELTER [Gary] IEEE Member # PPIC Member Since 6/98 Subcommittee EMMC	Office: 404-351-5780 Fax: 404-355-5823 Home 770-993-7680 E Mail:	WHITE ELECTRICAL CONSTRUCTION CO P O BOX 19629 ATLANTA, GA 30325
ROBERT T COTTON [Robert] IEEE Member #1709658 PPIC Member Since 12/92 Subcommittee TSSC	Office: 770-832-4445 Fax: 770-832-4473 Home 770-830-6534 E Mail: robert_cotton@southwire.com	SOUTHWIRE COMPANY 102 CITY HALL AVENUE CARROLLTON, GA 30117
D RAY CRANE [Ray] IEEE Member #7326135 PPIC Member Since 6/78 Subcommittee DCS	Office: 601-243-6906 Fax: 601-243-6909 Home 601-327-1961 E Mail: craner@wdni.com	WEYERHAUSER COMPANY P O BOX 8660 COLUMBUS, MS 39705 8660
L PETER DALPE [Pete] IEEE Member #40090857 PPIC Member Since Subcommittee EMMC	Office: 904-277-3786 Fax: - Home 904-277-3786 E Mail:	P DAPLE ENGINEERING PO BOX 168 FERNANDINA BEACH, FL 32035 0168
J M DALY [Jim] IEEE Member #0681684 PPIC Member Since 6/73 Subcommittee TSSC	Office: 914-353-4000 Fax: 914-353-4032 Home 201-327-7596 E Mail: jim_daly_bicc@compuserve.com	BICC CABLES CORP ONE CROSSFIELD AVE WEST NYACK, NY 10994 1100
E. E. DAVIS JR [Gene] IEEE Member #05112867 PPIC Member Since 8/95 Subcommittee DCS	Office: 713-722-5522 Fax: 713-722-5717 Home 713-465-9336 E Mail: gdavis@ansaldo.org	ANSALDO ROSS HILL 1530 W SAM HOUSTON PKWY N HOUSTON, TX 77043

Rev. 11/23/98

Page3

IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

D L DECKER [De] IEEE Member #6122857 PPIC Member Since 10/92 Subcommittee EMMC	Office: 253-596-0219 Fax: 253-596-0159 Home 206-878-7266 E Mail: ddeckerssc@aol.com	SIMPSON TACOMA KRAFT COMPANY 801 PORTLAND AVENUE P O BOX 2133 TACOMA, WA 98401
DONALD B DEYO [Don] IEEE Member #0505495 PPIC Member Since 10/89 Subcommittee PDS	Office: 253-924-6282 Fax: 253-924-6592 Home 253-630-2735 E Mail: deyod@wdni.com	WEYERHAEUSER COMPANY WTC 1B40 TACOMA, WA 98477
MICHAEL A DINARDO [Dino] IEEE Member #APPLIED PPIC Member Since Subcommittee DCS	Office: 606-292-2425 Fax: 606-292-2518 Home 513-777-8685 E Mail:	EUROTHERM DRIVES 50 E. RIVERCENTER BLVD SUITE 400 COVINGTON, KY 41011
PATRICK K DOOLEY [Pat] IEEE Member #4302659 PPIC Member Since 5/94 Subcommittee PDS	Office: 540-345-9892 Fax: 540-342-7694 Home 540-776-7923 E Mail: pat_dooley@vatransformer.com	VIRGINIA TRANSFORMER CORP 220 GLADE VIEW DRIVE NE ROANOKE, VA 24012
DAVID B DUROCHER [DAVE] IEEE Member #40236081 PPIC Member Since 1/98 Subcommittee EMMC	Office: 503-624-4025 Fax: 503-624-4040 Home 503-657-8019 E Mail: durocdb@ch.etrn.com	CUTLER-HAMMER INC 5000 MEADOWS RD SUITE 300 LAKE OSWEGO, OR 97035
JOHN B DWYER [Jack] IEEE Member # PPIC Member Since 9/95 Subcommittee EMMC	Office: 773-327-7200 X234 Fax: 773-975-6349 Home 708-386-1224 E Mail: michago@aol.com	APPLETON ELECTRIC CO 1701 W WELLINGTON CHICAGO, IL 60657
STEVEN L DYRNES [Stephen] IEEE Member #3688124 PPIC Member Since 9/83 Subcommittee PDS	Office: 503-246-8952 Fax: 503-245-6055 Home 503-635-2319 E Mail: sdyrnesc@pcc.edu	DYRNES ENGINEERS 9320 SW BARBUR BLVD SUITE 135 PORTLAND, OR 97219
PETER F FAMIGHETTI [Pete] IEEE Member #7449390 PPIC Member Since 11/87 Subcommittee DCS	Office: 414-785-8612 Fax: 414-785-8340 Home 414-242-6304 E Mail: pete.famighetti@usiny.mail.abb	ABB DRIVES INC 16250 W GLENDALE DR NEW BERLIN, WI 53151
BOB H FINKE [Bob] IEEE Member #1687169 PPIC Member Since 1/90 Subcommittee TSSC	Office: 770-956-8777 Fax: 770-956-0907 Home 706-579-1582 E Mail: b.finke@internetmci.com	THE OKONITE COMPANY SUITE 603 1600 PARKWOOD CIRCLE NW ATLANTA, GA 30339
JANET F FLORES [Janet] IEEE Member # PPIC Member Since 10/94 Subcommittee CBS	Office: 281-445-4999 Fax: 281-445-6246 Home 281-367-0089 E Mail: jfflores@ra.rockwell.com	ROCKWELL AUTOMATION 654 N SAM HOUSTON PARKWAY E SUITE 200 HOUSTON, TX 77060
PHILIP FRANSEN [Phil] IEEE Member #7502495 PPIC Member Since 9/83 Subcommittee DCS	Office: 604-270-7728 Fax: 604-270-6252 Home 604-275-3429 E Mail: philipf@fransen-eng.com	FRANSEN ENGINEERING LTD SUITE 210 3031 VIKING WAY RICHMOND, BC V6V 1W1

Rev. 11/23/98

Page4

IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

ROBERT J FRITZ [Bob] IEEE Member #7591225 PPIC Member Since 6/78 Subcommittee DCS	Office: 216-642-1230 Fax: 216-642-6037 Home 216-838-1083 E Mail:	AVTRON MFG INC 7900 E PLEASANT VALLEY ROAD INDEPENDENCE, OH 44131
DOUGLAS E FRUSHOUR [DOUG] IEEE Member # PPIC Member Since Subcommittee DCS	Office: 704-687-3086 Fax: 704-684-5338 Home 704-687-3086 E Mail: frushde@ch.etn.com	CUTLER-HAMMER POWER DISTRIBUTION ASSEMBLIES DIV P O BOX 5715 ASHEVILLE, NC 28813
TERRY F GALLAGHER [Terry] IEEE Member #40201242 PPIC Member Since 1/98 Subcommittee DCS	Office: 503-691-4011 Fax: 503-612-6804 Home 503-635-7419 E Mail: tfgallagher@ra.rockwell.com	ROCKWELL AUTOMATION 7630 SW MOHAWK TUALATIN, OR 97062
ROBERT D GIESE [Bob] IEEE Member #1509868 PPIC Member Since 10/86 Subcommittee DCS	Office: 360-658-8116 Fax: 360-658-4303 Home 206-824-3053 E Mail: gieseassoc@aol.com	GIESE AND ASSOCIATES 13320 54TH DRIVE NE MARYSVILLE, WA 98271
MICHAEL V GLENN [Mike] IEEE Member #7233927 PPIC Member Since 9/79	Office: 360-575-5548 Fax: 360-575-5934 Home 360-636-9750 Subcommittee TSSC	LONGVIEW FIBRE COMPANY END OF FIBRE WAY P O BOX 639 E Mail: LONGVIEW, WA 98632
B L GRAVES [Bruce] IEEE Member #5688924 PPIC Member Since 6/84 Subcommittee DCS	Office: 864-627-9511 Fax: 864-627-9564 Home 864-967-4670 E Mail: gravesbg@aol.com	WORLD WIDE TECHNOLOGIES INC 132A PILGRIM ROAD GREENVILLE, SC 29607
GURSHARAN S GREWAL [Gursharan] CANADA LTD. IEEE Member # PPIC Member Since Subcommittee	Fax: 403-790-4405 Home - E Mail: Grewal.Gursharan@Synchrude.com	Office: 403-790-8177 SYNCRUDE PO BOX 4009, MD 1001 FT. MCMURRAY, ALBERTA T9H3L1
CHARLES D GRUCELLA [Chuck] IEEE Member #8531592 PPIC Member Since 10/89 Subcommittee DCS	Office: 216-266-6264 Fax: 216-266-7066 Home 216-666-9783 E Mail:	RELIANCE ELECTRIC 24703 EUCLID AVENUE CLEVELAND, OH 44117
TOM GRUDKOWSKI [TOM] IEEE Member #06955215 PPIC Member Since Subcommittee	Office: 314-595-8521 Fax: 314-595-8587 Home 314-205-9295 E Mail: tomgr@usmotors.com	US ELECTRICAL MOTORS 8100 W FLORISSANT AVE PO BOX 36912 ST LOUIS, MO 63136
EDWIN I HAMMONDS [Bucky] IEEE Member #M3216231 PPIC Member Since 7/95 Subcommittee PDS	Office: 205-972-6000 Fax: 205-972-6251 Home 205-631-5833 E Mail: hammondsb@bek.com	BE&K ENGINEERING CO. 200 INTERNATIONAL PARK BIRMINGHAM, AL 35243
JAMES H HARRIS [JAMES] IEEE Member #06795546 PPIC Member Since Subcommittee TSSC	Office: 704-365-4248 Fax: 704-365-4124 Home 704-365-4248 E Mail: jharris@bicccables-na.com	BICC INDUSTRIAL CABLE CO. PO BOX 13309 CHARLOTTE, NC 28270

Rev. 11/23/98

Page5

IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

WARREN A HENSON [Gus] IEEE Member #05789623 PPIC Member Since Subcommittee PDS	Office: 205-967-1016 Fax: 205-967-6631 Home 205-985-0465 E Mail: wah@heinet.com	HENSON ENGINEERING INC ONE PERIMETER PARK SOUTH SUITE 375 BIRMINGHAM, AL 35243
TOM HERMAN [TOM] IEEE Member # PPIC Member Since Subcommittee	Office: 314-553-3507 Fax: 314-553-3403 Home 314-530-6032 E Mail: therman728@aol.com	US ELECTRICAL MOTORS 8100 W FLORISSANT AVE BLDG K STA 3507 ST LOUIS, MO 63136
JOHN R HOLMQUIST [John] IEEE Member #3537677 PPIC Member Since 9/86 Subcommittee DCS	Office: 206-924-4671 Fax: 206-924-6592 Home 206-927-3623 E Mail: holmqj@wdni.com	WEYERHAEUSER COMPANY WTC 1B40 TACOMA, WA 98477
C H HUDSON [Claude] IEEE Member #3382165 PPIC Member Since 10/55 Subcommittee PDS	Office: - Fax: - Home 504-261-0326 E Mail:	17174 LIBERTY ROAD PRIDE, LA 70770
PRESTON L JACKSON [PJ] IEEE Member #5294731 PPIC Member Since 4/85 Subcommittee DCS	Office: 205-972-6238 Fax: 205-972-6251 Home 205-988-0248 E Mail: jacksonp2@bek.com	BE&K ENGINEERING 2000 INTERNATIONAL PARK DRIVE BIRMINGHAM, AL 35243
M K JHAVERI [Mike] IEEE Member #7565252 PPIC Member Since 9/91 Subcommittee CBS	Office: 219-473-2208 Fax: 219-473-6603 Home 219-477-5086 E Mail: jhaveri@msn.com	CERESTAR USA INC 1100 INDIANAPOLIS BOULEVARD HAMMOND, IN 46320 1094
R R JOHNSON [Rory] IEEE Member #7822489 PPIC Member Since 9/83 Subcommittee EMMC	Office: 503-721-8609 Fax: 503-412-2098 Home 503-590-0657 E Mail: rjohnson@wii.com	WILLAMETTE INDUSTRIES INC 1300 SW 5TH AVE SUITE 500 PORTLAND, OR 97201
ROGER W JONES [Roger] IEEE Member #8315327 PPIC Member Since 3/87 Subcommittee TSSC	Office: 912-472-5221 Fax: 912-472-5508 Home 912-953-6394 E Mail: jonesr2@wdni.com	WEYERHAEUSER COMPANY OLD STAGECOACH ROAD PO BOX 238 OGLETHORPE, GA 31068
WALTER V JONES [Walt] IEEE Member #5206859 PPIC Member Since 9/79 Subcommittee DCS	Office: 540-387-8315 Fax: 540-387-7546 Home 540-380-2363 E Mail: walter.jones@gemis.ge.com	DRIVES SYSTEMS DEPARTMENT GE COMPANY 1501 ROANOKE BOULEVARD SALEM, VA 24153
ROBERT S JORDAN [Robert] IEEE Member #05900741 PPIC Member Since 1/96 Subcommittee TSSC	Office: - Fax: - Home 704-543-7040 E Mail: bjordan@wii.com	WILLAMETTE INDUSTRIES PAPER GROUP ENGINEERING 100 KINGSLEY PARK DR FT MILL, SC 29715 6476
BURTON M JUDSON JR [Burt] IEEE Member #3895372 PPIC Member Since 10/65 Subcommittee EMMC	Office: 216-266-7844 Fax: 216-266-1010 Home 216-946-3668 E Mail: bmjudson@ra.rockwell.com	ROCKWELL AUTOMATION 24703 EUCLID AVENUE CLEVELAND, OH 44117

Rev. 11/23/98

Page6

IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

RICHARD KANE [Dick] IEEE Member #8531659 PPIC Member Since 8/89 Subcommittee DCS	Office: 715-422-3111 x5229 Fax: 608-739-6929 Home 715-421-3898 E Mail:	CONSOLIDATED PAPERS INC CRCC DIV 231 FIRST AVENUE NORTH P O BOX 50 WISCONSIN RAPIDS, WI 54494
JOHN A KAY [John] IEEE Member #04383360 PPIC Member Since 6/95 Subcommittee DCS	Office: 519-740-4734 Fax: 519-740-9871 Home 519-578-4836 E Mail: jakay@ra.rockwell.com	ROCKWELL AUTOMATION / ALLEN-BRADLEY 135 DUNDAS STREET CAMBRIDGE, ON NIR 5X1
JOHN T KAY [John] IEEE Member #3975026 PPIC Member Since 9/91 Subcommittee CBS	Office: 604-736-0982 Fax: 604-739-0030 Home 604-224-2224 E Mail: jkay@pasi.com	PROCESS AUTOMATION SYSTEMS INC 860-1441 CREEKSIDE DRIVE VANCOUVER, BC V6J 4V3
S A KHAN [Shoaib] IEEE Member #3899119 PPIC Member Since 9/90 Subcommittee PDS	Office: 514-866-1221 Fax: 514-866-0804 Home 514-484-7914 E Mail: skhan@sandwell.com	SANDWELL INC 620 RENE LEVESQUE BLVD WEST MONTREAL, PQ H3B 4V8
ROBERT KINDRED [Robert] IEEE Member # PPIC Member Since Subcommittee	Office: 713-466-0277, x Fax: 713-466-8773 Home - E Mail:	TOSHIBA INTERNATIONAL CORPORATION 13131 WEST LITTLE YORK ROAD HOUSTON, TX 77041
BRIAN KOCHAN [Brian] IEEE Member #8288805 PPIC Member Since 3/96 Subcommittee CBS	Office: 203-848-1500 Fax: 203-848-1956 Home 203-663-2619 E Mail:	STONE CONTAINER CORPORATION 125 DEPOT ROAD P O BOX 1500 UNCASVILLE, CT 06382
RICHARD G KRAMER [Richard] IEEE Member #3834520 PPIC Member Since 9/91 Subcommittee PDS	Office: 405-933-1266 Fax: 405-933-1534 Home 405-286-3563 E Mail:	WEYERHAEUSER PAPER COMPANY P O BOX 890 VALLIANT, OK 74764 0890
NEVILLE LAING [Neville] IEEE Member #8863292 PPIC Member Since 9/90 Subcommittee TSSC	Office: 804-843-5633 Fax: 804-843-5698 Home 804-843-4568 E Mail: laing.n@c PPC.com	CHESAPEAKE CORP OF VA P O BOX 311 WEST POINT, VA 23181
LARRY G LAYMAN [Larry] IEEE Member #5800438 PPIC Member Since 6/80 Subcommittee EMMC	Office: 301-359-3311 Fax: 301-359-2044 Home 304-788-2947 E Mail:	WESTVACO CORPORATION 300 PRATT STREET LUKE, MD 21540
PHUNG D LE [Phung] IEEE Member # PPIC Member Since 1/96 Subcommittee CBS	Office: 513-868-5078 Fax: 513-868-4481 Home 513-755-3743 E Mail: phung_le@champint.com	CHAMPION 610 NORTH B STREET HAMILTON, OH 45013
JOHN S LEVINE [John] IEEE Member #8838385 PPIC Member Since 5/92 Subcommittee PDS	Office: 770-565-1556 Fax: 770-973-9264 Home 770-956-0024 E Mail: john@L-3.com	LEVINE ELECTRONICS & ELECTRIC INC 200 POWERS FERRY ROAD MARIETTA, GA 30067

IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

PATRICK J LINK [Pat] IEEE Member #7042559 PPIC Member Since 6/93 Subcommittee DCS	Office: 770-476-4150X153 Fax: 770-476-3991 Home 404-664-1047 E Mail: patrick.link@usiny.mail.abb.co	ABB INDUSTRIAL SYSTEMS INC 3450 RIVER GREEN COURT DULUTH, GA 30096 2519
BLAKE A LLOYD [Blake] IEEE Member #2278919 PPIC Member Since 2/94 Subcommittee CBS	Office: 416-620-5600 Fax: 416-620-1995 Home 905-625-4431 E Mail: blloyd@irispower.com	IRIS POWER ENGINEERING INC 1 WESTSIDE DRIVE UNIT 2 ETOBICOKE, ON M9C 1B2
J ALAN LOWE [Alan] IEEE Member #5796792 PPIC Member Since 12/86 Subcommittee DCS	Office: 404-370-3387 Fax: 404-370-3646 Home 770-921-4377 E Mail: alowe@hasimons.com	SIMONS ENGINEERING INC P O BOX 1286 ATLANTA, GA 30301 1286
GARY E LOZOWSKI [Gary] IEEE Member # PPIC Member Since Subcommittee EMMC	Office: 800-395-7776 X107 Fax: - Home - E Mail:	NATIONAL ELECTRICAL CARBON PRODUCTS 251 FORRESTER DR GREENVILLE, SC 29607 5328
JAMES E LYLES [Jamie] IEEE Member #07351612 PPIC Member Since 6/98 Subcommittee	Office: 864-942-6318 Fax: 864-942-6364 Home 864-229-2961 E Mail:	CUTLER-HAMMER INC 2210 HIGHWAY 72/221 EAST P O BOX 1406 GREENWOOD, SC 29649
INDRA J MADAN [Indra] IEEE Member #0058933 PPIC Member Since 1/89 Subcommittee PDS	Office: 919-859-5102 Fax: 919-859-5151 Home 919-467-0351 E Mail:	JACOBS SIRRINE INC RALEIGH DIV SUITE 500 5511 CAPITAL CENTER DRIVE RALEIGH, NC 27606
GEORGE R MATTO [George] IEEE Member #6644249 PPIC Member Since 12/80 Subcommittee PDS	Office: 503-598-0598 Fax: 503-620-7447 Home 503-292-3666 E Mail: gmattooko@adl.com	THE OKONITE COMPANY SUITE 150 6777 SW BONITA ROAD PORTLAND, OR 97224
PATRICK T MCNULTY [PAT] IEEE Member #40223995 PPIC Member Since 6/98 Subcommittee DCS	Office: 770-754-8609 Fax: 770-754-6266 Home 770-785-9332 E Mail: ptmcnulty@ra.rockwell.com	ROCKWELL AUTOMATION 11575 GREAT OAKS WAY SUITE 110 ALPHARETTA, GA 30022
RONALD O MEIHOFFER [Ron] IEEE Member #3809662 PPIC Member Since 5/66 Subcommittee DCS	Office: 770-924-1532 Fax: 770-924-0296 Home 770-992-4855 E Mail: ron.meihofer@drives.eurotherm.	EUROTHERM DRIVES INC SUITE 100 3651 CANTON HIGHWAY MARIETTA, GA 30066 7603
MARK A MEISTER [] IEEE Member # PPIC Member Since Subcommittee	Office: 606-283-0778 Fax: 606-283-2978 Home 513-741-4196 E Mail: postglover@compuserve.com	POST GLOVER RESISTORS P O BOX 18666 167 GAP WAY ERLANGER, KY 41018
LAWRENCE A MENCHE [Larry] IEEE Member #1917806 PPIC Member Since 4/94 Subcommittee EMMC	Office: 502-927-6961 Fax: 502-927-8734 Home 502-281-4858 E Mail:	WILLAMETTE INDUSTRIES HIGHWAY 1406 P O BOX 130 HAWESVILLE, KY 42348

Rev. 11/23/98

Page8

IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

MARTIN MERRILL [Martin] IEEE Member # PPIC Member Since Subcommittee DCS	Office: 314-553-1822 Fax: 314-553-1831 Home 314-721-7892 E Mail: merrill.martin@ctdrives.com	CONTROL TECHNIQUES DRIVES 8100 W FLORISSANT AVE BLDG K ST LOUIS, MO 63136
STANLEY Y MERRITT [Stan] IEEE Member #3592797 PPIC Member Since 6/78 Subcommittee CBS	Office: 757-562-6782 Fax: - Home 757-562-6782 E Mail: staarlen@aol.com	MERRITT AND ASSOCIATES INC 23157 CALVIN DRIVE FRANKLIN, VA 23851
J G MILLER [Joe] IEEE Member #6594840 PPIC Member Since 10/78 Subcommittee DCS	Office: 608-364-7540 Fax: 608-364-7013 Home 608-757-2141 E Mail:	BELOIT CORPORATION 1 ST LAWRENCE AVENUE BELOIT, WI 53511 6270
DAVID M MINTZLAFF [Dave] IEEE Member #958229 PPIC Member Since 3/96 Subcommittee DCS	Office: 414-242-8606 Fax: 414-242-8203 Home 414-377-0129 E Mail: dmmintzlafl@ra.rockwell.com	ROCKWELL AUTOMATION DRIVE SYSTEMS 6400 ENTERPRISE DRIVE P O BOX 760 MEQUON, WI 53092 0760
ZAFER MOHIUDDIN [Zafer] IEEE Member #6825798 PPIC Member Since 6/89 Subcommittee PDS	Office: 803-370-9906 Fax: 803-370-9824 Home 803-268-7503 E Mail: zmohiuddin@industria.com	INDUSTRA INC SUITE 300 545 NORTH PLEASANTBURG DRIVE GREENVILLE, SC 29607
ROBERT M MONTGOMERY [Robert] IEEE Member #01849538 PPIC Member Since Subcommittee EMMC	Office: 843-745-3802 Fax: 843-745-3829 Home 843-572-3225 E Mail: rmmontg@westvaco.com	WESTVACO CORP 5600 VIRGINIA AVE PO BOX 118005 CHARLESTON, SC 29423 8005
ROBERT T MOORE [Bob] IEEE Member #6136519 PPIC Member Since 9/83 Subcommittee PDS	Office: 334-855-5206 Fax: 334-855-5642 Home 334-298-7053 E Mail: rtm@mead.com	MEAD COATED BOARD P O BOX 940 PHENIX CITY, AL 36867
J V MORLINO [Joe] IEEE Member #2631463 PPIC Member Since 1/73 Subcommittee PDS	Office: 513-868-5654 Fax: 513-868-5486 Home 513-896-4504 E Mail: joe_morlino@champint.com	CHAMPION INTERNATIONAL CORP 100 KNIGHTSBRIDGE DR HAMILTON, OH 45020
RICHARD E MORRISON [Dick] IEEE Member #4627659 PPIC Member Since 10/82 Subcommittee CRP	Office: 205-246-8333 Fax: 205-246-7643 Home 205-246-4885 E Mail:	BOISE CASCADE 307 INDUSTRIAL ROAD JACKSON, AL 36545
R C MORSE [Bob] IEEE Member #3524378 PPIC Member Since 6/64 Subcommittee DCS	Office: 540-989-1629 Fax: 540-989-1629 Home 540-989-0219 E Mail: rcmorgan@usit.net	BOB MORSE INCORPORATED 5204 GREEN MEADOW ROAD ROANOKE, VA 24018
VERNON A NEWBILL [Vernon] IEEE Member #05623178 PPIC Member Since 8/96 Subcommittee PDS	Office: 334-470-4153 Fax: 334-470-4306 Home 334-344-5507 E Mail: v.newbill@ipaper.com	INTERNATIONAL PAPER 3100 COTTAGE HILL DR MOBILE, AL 36616

IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

F P NEWMAN [Frank] IEEE Member #5943063 PPIC Member Since 6/71 Subcommittee EMMC	Office: 912-277-5352 Fax: 912-277-5301 Home 912-275-1438 E Mail: frank.newman@sepaper.com	SOUTHEAST PAPER MANUFACTURING CO SHADDOCK CREEK ROAD P O BOX 1169 DUBLIN, GA 31040
WILLIAM T NOLLEY [Bill] IEEE Member #40220096 PPIC Member Since Subcommittee	Office: 804-933-4195 Fax: 804-933-4171 Home 804-946-7618 E Mail: bnolley@vafibre.com	GREIF BROS RIVERVILLE MILL PO BOX 339 AMHERST, VA 24521
CLIFFORD J NORMAND JR [CLIFF] IEEE Member #05139217 PPIC Member Since 12/97 Subcommittee PDS	Office: 513-248-6531 Fax: 513-248-6682 Home 513-965-0272 E Mail: cliff.normand@ipaper.com	INTERNATIONAL PAPER P O BOX 7910 6285 TRI-RIDGE BLVD LOVELAND, OH 45140
ROBERT W OLSSON [Bob] IEEE Member #40290089 PPIC Member Since Subcommittee DCS	Office: 216-642-4234 Fax: 216-642-9743 Home 216-247-9752 E Mail: rolsson@avtron.com	AVTRON MFG INC PULSE GENERATOR DIV 8901 E PLEASANT VALLEY RD INDEPENDENCE, OH 44131
THOMAS M OSBORNE [Tom] IEEE Member #6214217 PPIC Member Since 2/94 Subcommittee EMMC	Office: 207-775-4900 Fax: 207-775-4914 Home 207-799-8637 E Mail: tmosborne@hasimons.com	SIMONS ENGINEERING INC P O BOX 4078 PORTLAND, ME 04101
GAIL W PALMER [Bud] IEEE Member #8421265 PPIC Member Since 12/87 Subcommittee PDS	Office: 919-498-1746 Fax: 919-499-2038 Home 919-499-2967 E Mail: BUDINC@AOL.COM	BUD PALMER INC 166 WOOD WEDGE WAY SANFORD, NC 27330
ELTON L PARKER [Elton] IEEE Member #3360567 PPIC Member Since 10/77 Subcommittee PDS	Office: 704-552-2407 Fax: - Home 704-552-2407 E Mail: PARKEREL@aol.com	CUTLER-HAMMER INC 6522 HIGHWOOD PLACE CHARLOTTE, NC 28210
BRUCE M PARKMAN [Bruce] IEEE Member #03198512 PPIC Member Since Subcommittee CBS	Office: 205-877-8575 Fax: 770-879-7029 Home 205-664-5960 E Mail:	SIEMENS ENERGY & AUTOMATION 2204 LAKESHORE DRIVE SUITE 1501 BIRMINGHAM, AL 35209
STEPHEN D PITTMAN [Steve] IEEE Member #4355756 PPIC Member Since 7/95 Subcommittee TSSC	Office: 208-799-1756 Fax: 208-799-4140 Home 208-743-6807 E Mail: sdpittma@potlatch.com	POTLATCH PULP & PAPER CORP 805 MILL ROAD LEWISTON, ID 83501
WILLIAM A POLLEY [Bill] IEEE Member #7938152 PPIC Member Since 10/80 Subcommittee EMMC	Office: 920-721-5395 Fax: 920-721-4679 Home 920-729-0235 E Mail: wapolley@kcc.com	KIMBERLY-CLARK CORP 2300 WINCHESTER ROAD P O BOX 2007 NEENAH, WI 54957 2007
JAMES N POOLE [Jim] IEEE Member #6204218 PPIC Member Since 5/88 Subcommittee PDS	Office: 919-859-5012 Fax: 919-859-8025 Home 919-467-0206 E Mail:	JACOBS ENGINEERING GROUP INC 111 CORNING RD SUITE 200 CARY, NC 27511

IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

PHILIP L POOLE [Phil] IEEE Member #7073539 PPIC Member Since 9/83 Subcommittee EMMC	Office: 912-559-7911 x360 Fax: 912-559-2343 Home 912-247-5007 E Mail:	TENNECO PACKAGING P O BOX 1048 VALDOSTA, GA 31603 1048
L H POPE [L. H.] IEEE Member # PPIC Member Since Subcommittee	Office: 205-378-5653 Fax: - Home - E Mail:	CONSULTANT 20 CLIFF RD CHILDERSBURG, AL 35044
MICHAEL E POYNTER [Mike] IEEE Member #3151420 PPIC Member Since 10/92 Subcommittee TSSC	Office: 318-476-3392 Fax: 318-476-2525 Home 318-357-1482 E Mail: mpoynter@wii.com	WILLAMETTE INDUSTRIES INC P O BOX 377 CAMPTI, LA 71411
RALPH A PRESCOTT [Ralph] IEEE Member #07895634 PPIC Member Since 93 Subcommittee DCS	Office: 608-364-7151 Fax: 608-364-7013 Home 815-623-2041 E Mail: ra[repcptt@beloit.com	BELOIT CORPORATION 1ST LAWRENCE BELOIT, WI 53511
LARRY A PRYOR [Larry] IEEE Member #05604137 PPIC Member Since 6/98 Subcommittee PDS	Office: 972-702-5214 Fax: 972-702-5300 Home 817-429-5212 E Mail: larry.prior@edc.ge.com	GE - ED&C 14131 MIDWAY RD SUITE 550 DALLAS, TX 75244
S P REDDY [SP] IEEE Member #4069860 PPIC Member Since 10/81 Subcommittee PDS	Office: 205-972-6281 Fax: 205-972-6251 Home 205-823-5588 E Mail: reddys.bek.com	BE&K ENGINEERING COMPANY 2000 INTERNATIONAL PARK DRIVE P O BOX 12607 BIRMINGHAM, AL 35202 2607
GARY W REED [Gary] IEEE Member #8564288 PPIC Member Since 10/87 Subcommittee DCS	Office: 423-336-2211 Fax: 423-336-7150 Home 423-472-2116 E Mail:	BOWATER INC SOUTHERN DIV HIGHWAY 11 CALHOUN, TN 37309
CLAYTON H REID [Clayt] IEEE Member #7117872 PPIC Member Since 10/77 Subcommittee TSSC	Office: 519-740-4109 Fax: 519-740-9871 Home 519-623-1997 E Mail: chreid@ra.rockwell.com	ALLEN-BRADLEY CANADA LTD 135 DUNDAS STREET CAMBRIDGE, ON N1R 5X1
W EDWARD REID [Ed] IEEE Member #6513980 PPIC Member Since 9/90 Subcommittee PDS	Office: 412-835-8808 Fax: 412-835-4640 Home 724-945-6704 E Mail: edreidqt@usaor.net	QUAL-TECH ENGINEERS INC 110 FORT COUCH ROAD PITTSBURGH, PA 15241
BILL C RESHEL [] IEEE Member #40246192 PPIC Member Since Subcommittee DCS	Office: 920-380-2404 Fax: 920-380-2420 Home 920-757-0794 E Mail: reshewc@ch.etn.com	CUTLER-HAMMER 1019 TRUMAN ST KIMBERLY, WI 54136
DUNCAN J. RHODES [Duncan] IEEE Member #02462950 PPIC Member Since 9/96 Subcommittee DCS	Office: 414-512-8686 Fax: 414-512-8227 Home 414-268-9256 E Mail: djrhodes@ra.rockwell.com	ROCKWELL AUTOMATION DRIVE SYSTEMS 6400 W ENTERPRISE DR DEPT 621 MEQUON, WI 53092

IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

MICHEL RIVERIN [Mike] IEEE Member #4388054 PPIC Member Since 3/88 Subcommittee DCS	Office: 514-465-5514 Fax: 514-464-9447 Home 514-672-6396 E Mail:	ROY MARCHAND DIV. DE SONEPAR DISTR. 7900 BOUL TASCHEREAU BUREAU D 108 BROSSARD (QUEBEC), PQ J4X1C2
H DWAYNE ROBBINS [Dwayne] IEEE Member #7436066 PPIC Member Since 2/94 Subcommittee DCS	Office: 601-243-4238 Fax: 601-243-4628 Home 601-327-9531 E Mail:	WEYERHAEUSER PAPER COMPANY CARSON ROAD P O BOX 1830 COLUMBUS, MS 39703 1830
DAVID T ROLLAY [Dave] IEEE Member #5480819 PPIC Member Since 4/82 Subcommittee DCS	Office: 414-382-2163 Fax: 414-382-3681 Home 414-529-2427 E Mail: dtrollay@ra.rockwell.com	PACKAGED CONTROL PRODUCTS DIVISION ROCKWELL AUTOMATION/ALLEN-BRADLEY 788 N JEFFERSON ST MILWAUKEE, WI 53202-3718
JAMES A ROOKS [Jim] IEEE Member #3621372 PPIC Member Since 1/98 Subcommittee DCS	Office: 503-524-4640 Fax: 503-524-4640 Home 503-590-0576 E Mail: jrookspdx@aol.com	J&R CONSULTING INC 11045 SW COTTONWOOD LN TIGARD, OR 97223 4221
PAUL J ROUILLIER [Paul] IEEE Member #6520928 PPIC Member Since 9/90 Subcommittee TSSC	Office: 205-991-4177 Fax: 205-991-4233 Home 205-425-4323 E Mail: paul.rouillier@indsys.ge.com	GE INDUSTRIAL SYSTEMS 300 RIVERHILLS BUSINESS PARK BIRMINGHAM, AL 35242
RICHARD C SCHAEFER [] IEEE Member #01440783 PPIC Member Since Subcommittee PDS	Office: 618-654-2341 Fax: 618-654-2351 Home 618-539-5402 E Mail: 754424,440@compuserue.com	BASLER ELECTRIC BOX 269 RT 143 HIGHLAND, IL 62249
DELBERT E SEAVER [DEL] IEEE Member #06391908 PPIC Member Since 8/95 Subcommittee DCS	Office: 920-749-3635 Fax: 920-749-3654 Home 920-730-4056 E Mail: delbert.seaver@geics.ge.com	GE INDUSTRIAL CONTROL SYSTEMS 47 PARK PLACE APPLETON, WI 54915
EDWARD R SEXTON [Ted] IEEE Member #0477406 PPIC Member Since 9/90 Subcommittee PDS	Office: 514-341-3221 Fax: 514-341-3278 Home 514-692-9987 E Mail:	ABGS INC 5250 FERRIER ST SUITE 700 MONTREAL, PQ HYP 1L6
WILLIAM J SEXTON [Bill] IEEE Member # PPIC Member Since Subcommittee EMMC	Office: 312-228-4447 Fax: 312-228-4405 Home 412-264-1430 E Mail: sextonwj@aol.com	EASTERN ELECTRIC ONE PRUDENTIAL PLAZA 130 E RANDOLPH DR SUITE 2900 CHICAGO, IL 60601 6207
J M SHAMBARGER [J.] IEEE Member # PPIC Member Since Subcommittee	Office: - Fax: - Home - E Mail:	GEORGIA PACIFIC CO P O BOX 496 ASHDOWN, AR 71833
SURESH C SHARMA [Suresh] IEEE Member #00219675 PPIC Member Since 8/96 Subcommittee PDS	Office: 403-624-7358 Fax: 403-624--7329 Home 403-624-5230 E Mail: ssharma@prpddmi.com	DAISHOWA-MARUBENI INTERNATIONAL LTD PEACE RIVER PULP DIV POSTAL BAG 4000 PEACE RIVER, ALBERTA T8S1V7

IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

RALPH W SHEAD [Ralph] IEEE Member #4507711 PPIC Member Since 6/94 Subcommittee TSSC	Office: 770-921-9159 Fax: - Home - E Mail: ralpga@aol.com	DIVERSIFIED SUPPLY 128 STONEVIEW DR LILBURN, GA 30347
THOMAS M SHEARER [TOM] IEEE Member #40240318 PPIC Member Since 6/96 Subcommittee DCS	Office: 425-746-2840 Fax: 425-455-5946 Home 253-854-4722 E Mail: tmshearer@ra.rockwell.com	ROCKWELL AUTOMATION 15375 SE 30TH #150 BELLEVUE, WA 98007
JAMES S SIMPSON [Jim] IEEE Member #1162049 PPIC Member Since 1/96 Subcommittee PDS	Office: 205-995-7392 Fax: 205-995-7354 Home 205-967-9835 E Mail: jim_simpson@rayrec.com	RAYTHEON ENGINEERS & CONSTRUCTORS BOX 101 100 CORPORATE PARKWAY BIRMINGHAM, AL 35201
RONALD H SIMPSON [Ron] IEEE Member #4756805 PPIC Member Since 2/85 Subcommittee PDS	Office: 770-999-7315 Fax: 770-999-7350 Home 770-614-6845 E Mail: ron.simpson@indsys.ge.com	GE COMPANY 4570 RIVER GREEN PKWY SUITE 100 DULUTH, GA 30096
ERICH M SISA [] IEEE Member #08786428 PPIC Member Since Subcommittee DCS	Office: 905-458-3301 Fax: 905-458-1200 Home 905-824-1675 E Mail: sisa@siemens.com	SIEMENS ELECTRIC LTD 80 WALKER DR BRAMPTON, ONT L6T 4H6
GLENN SMITH [Glenn] IEEE Member # PPIC Member Since Subcommittee	Office: 318-281-1211 X1551 Fax: - Home - E Mail:	INTERNATIONAL PAPER PO BOX 312 BASTROP, LA 71221 0312
RAYBURN E SMITH [Ray] IEEE Member #8005274 PPIC Member Since 10/87 Subcommittee PDS	Office: 205-853-2635 Fax: - Home 205-853-2635 E Mail:	CONSULTING ENGINEER 429 16TH COURT NW BIRMINGHAM, AL 35215
FRED STACK [FRED] IEEE Member #40241690 PPIC Member Since Subcommittee DCS	Office: 314-553-1809 Fax: 314-553-1831 Home - E Mail: fred.stack@usmotors.com	US MOTORS DIV EMERSON ELECTRIC 8100 W FLORISSANT AVE BLDG K ST LOUIS, MO 63136
JOSEPH P STEES [Joe] IEEE Member #02670784 PPIC Member Since Subcommittee	Office: 717-757-0616 Fax: 717-757-0702 Home 717-757-6298 E Mail:	BICC CABLES 3795 STARVIEW DR YORK, PA 17402 4370
MALCOLM G STEEVES [Malcolm] IEEE Member #6728927 PPIC Member Since 5/88 Subcommittee TSSC	Office: 403-778-2036 Fax: 403-778-4384 Home 403-778-2370 E Mail: msteeves@millarwestern.com	MILLAR WESTERN PULP LTD P O BOX 1072 WHITECOURT, AB T7S 1N9
PREM P TAGRA [Prem] IEEE Member #08754442 PPIC Member Since 12/97 Subcommittee PDS	Office: 770-433-9336 X3043 Fax: 770-433-9518 Home 770-509-0404 E Mail: ptagra@sandwell.com	SANDWELL INC 2690 CUMBERLAND PKWY ATLANTA, GA 30339

IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

C Z TAILOR [Chand] IEEE Member #4532172 PPIC Member Since 4/94 Subcommittee PDS	Office: 864-942-6234 Fax: 864-942-6364 Home 864-229-2365 E Mail:	CUTLER-HAMMER INC 2210 HIGHWAY 72/221 EAST P O BOX 1406 GREENWOOD, SC 29648
MARK TAYLOR [Mark] IEEE Member # PPIC Member Since Subcommittee	Office: 334-872-3481 Fax: - Home - E Mail:	INTERNATIONAL PAPER P O BOX 1409 SELMA, AL 36702
LARRY K THOMAS [Larry] IEEE Member #2341568 PPIC Member Since 11/87 Subcommittee CBS	Office: 541-741-5617 Fax: 541-741-5240 Home 541-484-2820 E Mail: thomasL@wdni.com	WEYERHAEUSER PAPER COMPANY P O BOX 275 SPRINGFIELD, OR 97477
JOHN C THOMPSON [John] IEEE Member #07274285 PPIC Member Since 6/82 Subcommittee CBS	Office: 205-995-4590 Fax: 205-995-4515 Home 205-428-7302 E Mail: thompjc@ch.etn.com	CUTLER-HAMMER INC 104 INNERNESS CENTER PLACE SUITE 200 BIRMINGHAM, AL 35242
JOHN R THOMPSON [John] IEEE Member #6223267 PPIC Member Since 6/76 Subcommittee DCS	Office: 218-628-5224 Fax: 218-628-0310 Home 218-729-5242 E Mail: john.thompson@conpapers.com	CONSOLIDATED PAPER LAKE SUPERIOR DIV 100 N CENTRAL AVE DULUTH, MN 55807
JAMES R THRIFT [Russ] IEEE Member #8842031 PPIC Member Since 5/88 Subcommittee EMMC	Office: 770-992-5879 Fax: 770-587-2751 Home 770-992-3559 E Mail: j.r.thrift.iii@southernco.com	GEORGIA POWER COMPANY 1237 RIVERSOUND CT MARIETTA, GA 30068
SID TICKER [Sid] IEEE Member #2016459 PPIC Member Since 9/91 Subcommittee TSSC	Office: 770-832-5060 Fax: 770-832-5047 Home 770-830-7003 E Mail: sid_ticker@southwire.com	SOUTHWIRE COMPANY ONE SOUTHWIRE DRIVE CARROLLTON, GA 30119
MICHAEL R TILLER [MIKE] IEEE Member #04579918 PPIC Member Since 1978 Subcommittee CBS	Office: 770-729-6378 Fax: 770-232-1795 Home 770-497-8836 E Mail: mike.tiller@cho.ge.com	GE FANUE 20 TECHNOLOGY PARK SUITE 160 NORCROSS, GA 30136
RENO M TONSI [Reno] IEEE Member #8944902 PPIC Member Since 9/88 Subcommittee CBS	Office: 440-646-5382 Fax: 440-646-5353 Home 440-974-1472 E Mail: rmtonsi@ra.rockwell.com	ROCKWELL AUTOMATION 1 ALLEN BRADLEY DR MAYFIELD HEIGHTS, OH 44124 6118
CHARLES B TOOLE [Charlie] IEEE Member #06850358 PPIC Member Since Subcommittee PDS	Office: 252-435-1180 Fax: 252-435-2262 Home 252-435-1180 E Mail:	DYNAPOWER CORP PO BOX 9210 S BURLINGTON, VT 05407
PAUL Y TSOU [Paul] IEEE Member #478545 PPIC Member Since 9/89 Subcommittee PDS	Office: 770-433-9336 Fax: 770-433-9518 Home 770-781-9782 E Mail:	SANDWELL INC SUITE 300 2690 CUMBERLAND PARKWAY ATLANTA, GA 30339

IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

DEL VENTRUELLA [Del] IEEE Member #8885766 PPIC Member Since 2/94 Subcommittee PDS	Office: 205-991-4102 Fax: 205-991-4225 Home 205-991-4102 E Mail: del.ventruella@gemis.com	GE COMPANY 300 RIVERHILLS BUSINESS PARK BIRMINGHAM, AL 35242
WILLIAM S VILCHECK [BILL] IEEE Member #06359673 PPIC Member Since 2/98 Subcommittee PDS	Office: 724-779-5853 Fax: 724-779-5869 Home 724-228-9163 E Mail: vilchws@ch.etn.com	CUTLER HAMMER 130 COMMONWEALTH DR WARRENDALE, PA 15086
WAYNE O VINSON [WAYNE] IEEE Member #40178804 PPIC Member Since 12/97 Subcommittee EMMC	Office: 803-981-8627 Fax: 803-981-8225 Home 803-324-9346 E Mail: vinsonwo@bowinc.com	BOWATER INC COATED PAPER DIVISION 5300 CURETON FERRY RD CATAWBA, SC 29704
ERWIN J VON DER EHE [] IEEE Member #40151830 PPIC Member Since Subcommittee DCS	Office: 414-785-8394 Fax: 414-785-8390 Home 414-549-0593 E Mail: erwin.vonderehe@usiny.mail.abb	ABB INDUSTRIAL SYSTEMS 16250 W GLENDALE DR NEW BERLIN, WI 53151
HENRY G WACHTER [Hank] IEEE Member #8865289 PPIC Member Since 1/91 Subcommittee DCS	Office: 770-754-8605 Fax: 770-619-0305 Home 770-622-4322 E Mail: hgwachter@ra.rockwell.com	ROCKWELL AUTOMATION 11575 GREAT OAKS WAY SUITE 110 ALPHARETTA, GA 30022
RICHARD D WATKINS [Rick] IEEE Member #6686265 PPIC Member Since 10/89 Subcommittee EMMC	Office: 770-493-0450 Fax: 770-493-0456 Home 770-972-6957 E Mail:	DEAN OLIVER AND ASSOCIATES INC 4600 NORTH ROYAL DRIVE TUCKER, GA 30084
MARK D WEAVER [Mark] IEEE Member #6235592 PPIC Member Since 1/85 Subcommittee DCS	Office: 604-214-9248 Fax: 604-214-9249 Home - E Mail: mweav@udl.com	UNIVERSAL DYNAMICS LTD 100-13700 INTERNATIONAL PL RICHMOND BC, CANADA V6V 2X8
PETER H WERNER [Pete] IEEE Member #5984190 PPIC Member Since 2/94 Subcommittee DCS	Office: 414-512-8634 Fax: 414-512-8637 Home 414-677-2524 E Mail: phwerner@ra.rockwell.com	ALLEN-BRADLEY COMPANY 6400 W ENTERPRISE DRIVE P O BOX 760 MEQUON, WI 53092
ROBERT L. WIETERS [Robert] IEEE Member # PPIC Member Since Subcommittee	Office: 503-520-5399 Fax: 503-626-6727 Home - E Mail:	LOUIS ALLIS CO. 14260 SW KIMBERLY DR. BEAVERTON, OR 97008
J C WILLIAMS [Jim] IEEE Member #6930036 PPIC Member Since 5/80 Subcommittee TSSC	Office: 503-624-3033 Fax: 503-624-3001 Home 503-266-3991 E Mail:	JACOBS-SIRRINE PO BOX 5210 PORTLAND, OR 97208
CHARLES N WOOD JR [Charles] IEEE Member #5024526 PPIC Member Since 6/88 Subcommittee PDS	Office: 205-995-7226 Fax: 205-995-7199 Home 205-491-7536 E Mail: charlie_wood@ccgate.ucei.com	RAYTHEON ENGRS & CONSTRUCTORS 105 PIERSON CIRCLE HUEYTOWN, AL 35023 2424

IEEE/IAS Pulp and Paper Industry Committee Members and Applicants

JOHN A WORSHAM [John]
IEEE Member #08679052
PPIC Member Since 9/97
Subcommittee CBS

Office: 904-277-5744
Fax: 904-277-5850
Home 904-321-2806
E Mail: jworsham@smurfit.com

JEFFERSON SMURFIT
P O BOX 2000
N 8TH ST
FERNANDINA BEACH, FL 32034

ALEX Y WU [Alex]
IEEE Member #4158077
PPIC Member Since 3/83
Subcommittee PDS

Office: 770-475-3838
Fax: 770-475-3232
Home 770-399-6081
E Mail: globaleng@earthlink.com

GLOBAL ENGINEERING COMPANY
P O BOX 88444
ATLANTA, GA 30356

CARLOS J YEPEZ [Carlos]
IEEE Member #
PPIC Member Since
Subcommittee

Office: 301-497-1463
Fax: 301-497-1439
Home -
E Mail:

WESTVACO
LAUREL TECHNICAL CENTER
11101 JOHN HOPKINS ROAD
LAUREL, MD 20723

MARK K ZAWADZKI [Mark]
IEEE Member #40238778
PPIC Member Since 7/97
Subcommittee DCS

Office: 513-248-6227
Fax: 513-248-6682
Home 513-576-0577
E Mail: mark.zawadzki@ipaper.com

INT'L PAPER - MFG TECHNOLOGY CTR
6285 TRI-RIDGE BLVD
LOVELAND, OH 45140

IEEE PULP AND PAPER CONFERENCE MAILING LIST REPORT FOR 1998 CONFERENCE

The Mailing List was updated with the 1998 corrections from the conference mailing list books, the 1998 conference registration disk, and the added names sent to the ML coordinator during the year. We used the revised procedure for the mailing labels this year in that the MLC sent the revised ML disk to the Seattle committee for their use in generating the mailing labels for the 1999 conference.

Submitted by

Bob Morse MLC

IEEE PPIC MEDIA PUBLICITY REPORT

INTERIM MEETING - ATLANTA WESTIN AIRPORT HOTEL

OCTOBER 22, 1998

The publicity report on the Portland Conference was mailed to Steven Cherry, Managing Editor of IEEE Industry Applications Magazine for inclusion in an upcoming issue. Steven said that it would run in the January/February issue. Copy of the release is attached for the record.

Publicity for the upcoming Seattle Conference will be sent to the Media Mailing List as soon as we have a preliminary listing of the conference papers. At that time I will once again invite the various editors to attend the conference and offer them a complimentary registration.

Regards,

Ron Meihofner
Publicity Chairman

Industry Applications Society
IEEE
Pulp & Paper Conference

April 3, 1998

«Company»
«Address1»
«Address2»
«City», «State» «PostalCode»

Attention: «FirstName» «LastName»
«JobTitle»

Dear Sir:

This letter is an appeal to you to consider training / extending the knowledge of your plant's electrical personnel.

The Annual IEEE Pulp & Paper Conference is now the only conference of significant size held in North America that presents papers of interest to mill electrical personnel.

At the 1991 Conference held in Montreal, a paper was presented on Voltage Transients at the Terminals of Induction Motors Connected to PWM Inverters. This paper has now become the industry standard throughout North America and is widely referred to on this phenomenon.

At the 1996 Conference held in Birmingham, AL, a paper was presented on the Evaluation of Motor Power Cables for PWM AC Drives. Again, this paper has become the North American industry standard when selecting motor cables for variable speed AC drives.

Attached you will find a list of technical papers and registration information for this year's Pulp & Paper Technical Conference, to be held June 21st to 26th in Portland, ME. Two of the listed papers address the problem of motor shaft currents due to PWM drives. This and the transient voltage phenomenon are the two major causes of failures associated with PWM drives today.

We recognize that the pulp & paper industry is experiencing hard times right now, but looking to the future, this conference presents an excellent opportunity for your electrical personnel to be brought up-to-date with current technology and to see how this information can result in savings to your operation. Planning in advance to attend the conference means the cost will be less than two weeks salary, not including the time away from the mill.

I am an enthusiastic supporter of this conference, which has personally benefited my work in the pulp & paper industry over the past twenty-five years.

Yours truly,

Philip Fransen, P.Eng.
IEEE Pulp & Paper Conference Committee



THE INSTITUTE OF ELECTRICAL and ELECTRONICS ENGINEERS INC.
PULP and PAPER INDUSTRY COMMITTEE of the INDUSTRY APPLICATIONS SOCIETY

PLEASE REPLY TO:
Larry K. Thomas, P.E.
Weyerhaeuser Co.
785 N 42nd St.
Springfield, OR 97478
Phone 541 741 5617
Fax 541 741 5240
E-Mail thomasl@wdni.com

Decision Maker,

Would you fly with an airline pilot who had no annual training? Would you choose a heart surgeon who did not participate in any professional societies, did not read the latest technical journals, and never communicated with his or her fellow surgeons? My guess is that you would not knowingly do either of the above.

For the past 42 years the IEEE Pulp and Paper Industry Committee (PPIC) of the Industry Applications Society has been providing training and technical information to electrical engineers. The bottom line results are safer work places, more reliable plants and more efficient operations. Our industry is noted for communicating our successes, our issues, and our problems. This sharing has allowed the industry to develop its wants and needs, with the support of vendors and suppliers, into realities that make these bottom line results happen. The electrical side of our operations is no exception to this way of doing business. The PPIC annual conference facilitates and documents this communication through our presentation and publication of technical papers. Topics on State of the Art Technology, new product presentations, and our successes and learning's from the application of these products and technology make our published conference record a valuable reference.

Engineers must have continuing education and professional development. Many states are requiring or considering requiring that Professional Engineers obtain a specific number of hours or units of education each year. Even if the engineers in your mill are not registered, it is my belief that the need for this continuing education is not diminished. The Pulp and Paper Industry Committee Conference can provide these credits for conference and tutorial attendance and for participation in our subcommittees.

Our committee supports the publication and presentation of technical papers that are critical to practicing electrical engineers in the pulp and paper industry. The PPIC consists of five subcommittees that sponsor papers for the conference. The topical areas covered by these committees are: Power Distribution Systems, Drives and Controls Systems, Training Safety and Standards, Engineering and Maintenance Management, and Computer Based Systems.

In these times of cost conscious unit management the PPIC conference is a bargain. Volunteers manage our conferences and all the PPIC members are volunteers. We plan our conferences in a general rotation of cities in eastern and western North America, the Southeastern U.S. and Canada.

We urgently desire that a representative from your mill attend our conference in Portland, Maine this coming June 21 through the 26th. Our technical presentations will include approximately 27 papers on Wednesday and Thursday and a final session on Friday morning. We will have several eight hour tutorials to choose from on Tuesday.

The membership of the PPIC is comprised of Electrical Engineers from pulp and paper mills like yours as well as electrical engineers from vendors, consultants and major equipment manufacturers that service our industry. If you have a highly motivated electrical engineer that you would be willing to support and who would be willing to serve on the PPIC, I need to be put in contact with that engineer. The opportunity to sponsor, author, and review papers on technical issues and benefit of networking with engineers who are dealing with similar problems develops understanding and technical expertise that will benefit your mill in many future assignments and projects. Members

of the PPIC have opportunities to give input on electrical industry and IEEE standards, as well as code committees. If we fail, as end users, to participate in these opportunities for input, the results may not be up to our industry's high standards.

With safety, reliability, and economic decisions being made by your electrical engineers on a daily basis I hope you will agree with me that a conference such as the PPIC is an excellent opportunity. I have concerns that recently graduated engineers just starting out in our industry have the most to gain from the PPIC conference and yet they are the least likely to be in attendance. For your more senior engineers our conference offers exposure to the latest trends and practices in our industry. Many companies find our annual conference to be an excellent opportunity for engineers from various locations within the company to meet.

If you have Electrical Engineers that have questions about the IEEE, The Industry Applications Society, or the Pulp and Paper Industry Committee, please have them get in touch with me. If you have an Electrical Engineer who should receive our conference mailing please have him or her contact the **1998 PPIC Local Conference Committee** at **PO BOX 2229, Portland, Maine 04116-2229** for a conference registration packet.

Finally if you have any questions or suggestions as to how the PPIC might better serve the pulp and paper industry, your comments and feed back would be most welcome!

Thank you for your consideration.

Sincerely



Larry K. Thomas, P.E.

IEEE PPIC Program Chair 97/98

**ENGINEERING MANAGEMENT, MAINTENANCE & CONSTRUCTION
SUBCOMMITTEE****IEEE, IAS PULP & PAPER COMMITTEE****INTERIM MEETING**

MINUTES of MEETING

Meeting Date: October 22, 1998

Recorded by: Rory Johnson

Members Present:	Peter Baen	Rory Johnson
	Rhonda Banks	Robert Montgomery
	Lloyd Cain	Russ Thrift
	Bruce Campbell	Wayne Vinson
	Dave Durocher	Rick Watkins
	Burt Judson	

Total: 11

Guests Present:	Rob Boteler
	Hayes Carter
	Tom Gower

Total Present: 3

Excused Absence:	Rich Carle	Frank Newman
	Gary Clodfelter	Tom Osborne
	Del Decker	Bill Polley
	Larry Layman	Phil Poole
	Larry Menche	

Total: 9

Unexcused Absence:	Ken Bruni	Gary Lozowski
	Tom Campbell	Bill Sexton
	Laurie Cihlar	Pete Dalpe

Total: 6

Total Members: 26

Distribution: Subcommittee Members, Guests.

Introduction

- ◆ All attendees introduced themselves.
- ◆ An attendance roster was circulated for everyone to sign.

Announcements & General Business

- ◆ Discussed the PPIC Meritorious Service and Meritorious Engineering award presented each year at the PPIC technical conference. Reviewed what the qualifications were for the award and who some of the past recipients were. As a result of the discussion the subcommittee recommended two names to Russ Thrift for consideration by the Executive Committee board.
- ◆ Volunteers for paper grader for the 1999 technical conference were Peter Baen primary and Robert Montgomery alternate.
- ◆ Spent some time reviewing the paper sponsor, reviewer and graders responsibility in developing and maintaining the quality of papers presented at the conference. There were many good suggestions presented to improve the process.
- ◆ A suggestion was made to bring before the full committee the possibility of moving the panel(s) to some other day besides Friday. It was felt that the panels were very interesting and stimulated good discussions but that many people chose to leave the conference before Friday and missed them.
- ◆ A paper titled "An Object Oriented Framework for Developing Dynamic Models of a Paper Machine" was given to Rhonda Banks in our subcommittee to have some of the members review for IAS transactions publication only.

Future Papers

See attached paper summary list.

IEEE-IAS PULP & PAPER COMMITTEE
ENGINEERING MANAGEMENT, MAINTENANCE and CONSTRUCTION
SUBCOMMITTEE
TECHNICAL PAPER SUMMARY

October 22, 1998

FUTURE PAPERS

96.7 Safety Equipment

Sponsor: Russ Thrift

Author: Ray Crowe

Reviewers: Larry Layman, Larry Menche, Tom Osborne

Classification: D - 2000

Comments: Larry Layman has discussed paper with Ray Crowe with Duke Engineering. Ray is interested in doing a paper. Russ will contact Larry. Russ is also going to pursue the paper that was in the EC&M magazine on what protective clothing to wear when working on energized gear if Ray's paper was dealing with a different subject. Peter Baen said he had some information from PCIC on this subject that he would forward to Russ.

96.10 Advances in Lighting Technology

Sponsor: Russ Thrift

Author: Del Decker

Reviewers: Rick Watkins, Rhonda Banks, Wayne Vinson

Classification: C - 1999

Comments: Russ talked to Del Decker and he is interested in authoring a paper. He felt that it would include a mill perspective. Rob Boteler has alternate author if Del cannot do a paper.

97.04 Construction Contract Alternatives

Sponsor: Peter Baen

Author: Panel

Reviewers: Larry Menche, Rhonda Banks, Laurie Cihlar

Classification: E - 2000

Comments: Peter contacted Black and Veatch but they were not interested. The main issue is what should the panel topic be focused on. EPC vs. central management? Turnkey? Tom Gower with Miller Electric who attended the meeting, indicated team concept between engineer, contractor and customer worked well for them. Peter is going to continue to pursue with help from some other members of the subcommittee including Rick Watkins. Someone also suggested Preston Jackson of BE&K.

97.05 Current Practices in the Installation of Control Systems

Sponsor: Rick Watkins

Author: Del Decker

Reviewers: Burt Judson, Laurie Cihlar, Frank Newman

Classification: D - 2000

Comments: Rick didn't have an update but was going to contact Del and pursue.

97.08 Computerized Maintenance Systems

Sponsor: Wayne Vinson

Author: Jamie Medlin

Reviewers: Rick Watkins, Russ Thrift, Burt Judson

Classification: A - 1999

Comments: Rough draft passed out at interim meeting. Wayne is waiting on the return of the rough drafts with comments from the reviewers.

97.09 How to Develop and Maintain a CO-OP Program

Sponsor: Rory Johnson

Author: ?

Reviewers: Burt Judson, Rhonda Banks, Bruce Campbell

Classification: D - 1999

Comments: Rory Johnson has contacted the University of Washington engineering college co-op department and believes someone may be interested in writing a paper. He is going to follow-up.

98.04 Silicone Transformer Maintenance

Sponsor: Larry Menche

Author: Larry Christalow

Reviewers: Rick Watkins, Bill Pooley, Phil Poole

Classification: D-2000

Comments: Larry contacted Larry Christalow with Southwest Electric Co. Larry indicated initially that he was interested but recent discussions indicated that there may be a new author.

98.05 Case History of Emergency Turbine Replacement on a Paper Machine Line Shaft Drive

Sponsor: Rick Watkins

Author: Tim Jensen

Reviewers: Rory Johnson, Larry Layman, Burt Judson, Robert Montgomery

Classification: A-1999

Comments: Passed out a final draft to the reviewers.

98.09 An Industrial Optimal Power Flow Program for Reducing Electricity Costs in a Pulp & Paper Facility

Sponsor: Tom Osborne

Author: Scott Dunning

Reviewers: Rick Watkins, Wayne Vinson, Russ Thrift

Classification: B-1999

Comments: Tom was wondering if this was still a good topic. June conference survey indicated a good interest in papers relating to energy. Rory will follow-up with Tom.

98.11 Reliability Improvement with Voting Schemes

Sponsor: Russ Thrift

Author: Robert Wood

Reviewers: Rory Johnson, Rick Watkins, Wayne Vinson

Classification: C-1999

Comments: Russ contacted Robert Wood with Huntsman Chemical who wrote a paper on this subject for Intech magazine. He is apparently interested but Russ needs to talk further with him as his company was just purchased by someone and he needs to determine support for presenting the paper. Russ also wanted to discuss putting a pulp & paper slant on the original paper.

98.12 Maintenance of Low-Voltage Power Circuit Breakers

Sponsor: Bruce Campbell

Author: Shaun Slattery

Reviewers: Bill Pooley, Russ Thrift, Wayne Vinson

Classification: B-1999

Comments: Original author changed positions. Bruce contacted an alternate author and did get a commitment from him to write the paper. Will also investigate copyright issues.

98.15 Hazardous Classifications in the New Electric Code

Sponsor: Peter Baen

Author: Peter Bennett

Reviewers: Robert Montgomery, Rory Johnson, Rhonda Banks

Classification: B-1999

Comments: Peter Bennett with ABTech is interested in writing the paper. The title may change.

99.01 Natural and Synthetic Ester Dielectric Fluid

Sponsor: Dave Durocher

Author: Pat McShane

Reviewers: Wayne Vinson, Robert Montgomery, Larry Layman, Pat Dooley(PDS)

Classification: A-1999

Comments: Rough draft was available for distribution to the reviewers.

99.02 Proper Application of Motors Operating on Adjustable Speed Drives

Sponsor: Bruce Campbell

Author: Mark Hodowanec

Reviewers: Rick Watkins, Rhonda Banks, Bill Polley, Burt Judson

Classification: B-1999

Comments: Mark is working on a rough draft.

99.03 Reengineering Maintenance for the Organization of the Future

Sponsor: Rob Boteler

Author: Rich Gable

Reviewers: Dave Durocher, Wayne Vinson, Bruce Campbell

Classification: A-1999

Comments: A rough draft was available but did not have any copies. Rob will be sending copies to the reviewers.

99.04 Skilled Labor Shortage in Electrical Construction

Sponsor: Dave Durocher

Author: Panel

Reviewers:

Classification: A-1999

Comments: Dave has identified Tommy Gower of Miller Electric and Jim Johnson with Electrical Construction to be on the panel. Gary Clodfelter from our subcommittee also said he would be interested in participating. A suggestion was made for each participant to write a short position paper. Those could be published in the conference record. Rory Johnson is also going to contact someone from Davis Electric.

99.05 A Case Study of Wound Rotor Induction Motor Protection Considerations

Sponsor: Tom Osborne

Author: Henry Magnuson/Daniel Cassidy

Reviewers: Burt Judson, Robert Montgomery, Rob Boteler

Classification: A-1999

Comments: A rough draft was distributed to the reviewers at the meeting.

99.06 Evaluation of Motor Impedance Testing

Sponsor: Rick Watkins

Author: Joe Armstrong

Reviewers: Rob Boteler, Burt Judson, Rhonda Banks
Classification: D-2000
Comments: Joe has not done any work on the paper but is still interested.

99.07 Reliability Program for Mill Maintenance

Sponsor: Wayne Vinson
Author: Rodney Bartell
Reviewers: Robert Montgomery, Dave Durocher, Burt Judson
Classification: D-2000
Comments: Wayne has author but thinks this more likely for 2000 conference.

99.08 Partial Discharge Theory and Technology for Large Rotating Machines

Sponsor: Dave Durocher
Author: Gabe Paoletti
Reviewers: Rick Watkins, Rob Boteler, Peter Baen
Classification: A-1999
Comments: A rough draft was distributed to the reviewers at the meeting.

99.09 On-Line Shock Vibration Diagnostics of Large Electric Machines

Sponsor: Dave Durocher
Author: A. Golubev
Reviewers: Rob Boteler, Rhonda Banks, Rick Watkins
Classification: A-1999
Comments: A rough draft was distributed to the reviewers at the meeting.

99.10 Trends in GUIDesign

Sponsor: Bill Pooley
Author: Keith Cockerham/Sue Hall
Reviewers: Dave Durocher, Peter Baen, Burt Judson, Laurie Cihlar
Classification: C-1999
Comments: This paper was offered last year by a different author but was then withdrawn. Burt has solicited two new authors to write a new paper on the same subject.

99.11 Proportional Ambient Sensing Control Reduces Electric Heat Tracing Costs

Sponsor: Larry Menche
Author: Peter Baen
Reviewers: Dave Durocher, Rhonda Banks, Robert Montgomery
Classification: B-1999
Comments: Abstract has been written.

10/23/1998

Mr. Ron Simpson
GE Company
4570 River Green Parkway
Suite 100
Duluth, Ga. 30096
E Mail: ron.simpson@geics.ge.com

Topic: Oct. 1998 PPIC/TSSC interim meeting minutes

Ron,

At the interim meeting, we had 7 members in attendance:

Jim Daly Roger Jones Steve Pittman
Ralph Shead Clayton Reid Paul Rouillier

1 guest:

Jim Harris

8-excused absences:

Mike Glenn Robert Cotton Bob Jordan
Neville Laing Michael Poynter Malcolm Steeves
Sid Ticker JC Williams

1-unexcused absence:

Bob Finke

IEEE Seattle website

The website for the 1999 annual conference is at www.ieee-seattle-pnp-conf.org

Introduction from Tappi/Pima safety group

Paul Wilson of the Tappi/Pima safety committee gave us a short explanation of what type of information they could supply our group. It is possible that we could bring one of their representatives in for either a paper or a tutorial. Paul suggested that someone from our committee try to make it to their safety conference on Nov. 1,2,3 in Tampa, FL. Clayton volunteered to look into this further.

Paper Graders

For the 1999 conference our primary paper grader is Malcolm Steeves. The backup grader is Bob Jordan. This information was passed on Rhonda Banks.

Rome Conference

Clayton said that he planned on going to the Rome conference, Jim Daly said that there was a possibility that he would go. No one from our committee is going to sponsor or author a Y2K paper for that conference.

Meritorious Achievement Award

We discussed the fact that there are 2 achievement awards. One for outstanding engineering and one for outstanding service. We came up with suggestions for both of these, and I then passed them on to Russ Thrift. Clayton said that he would assist in submitting the applications for both individuals.

Power Quality / Ad-Hoc group dissolved

Larry Thomas announced that the work of the temporary Power Quality group was now going to be distributed among the other subcommittees.

IEEE 841 / Ad-Hoc motor standards group

It was announced that Austin Bonnett was going to have a short meeting following the full committee meeting (3pm). The purpose of this meeting is to discuss the upcoming changes to the 1994 IEEE 841 motor standard and to get our feedback about those changes.

NEC Going Metric in 2002

Jim announced to the subcommittee that the NEC would be using metric measurements starting in 2002. There will be english cross-references in the back of the book for those who need them. The book will also maintain the size of the 1999 codebooks. (larger than in the past).

Suggestions

The recommendation was made that all proposed papers and the subcommittee reports be copied off so that everyone could have their own individual copies during the meeting. This would make it easier for us as a group to focus in on each paper topic. I need to E-mail the reports to the committee members a reasonable time before the conferences.

Proposed Papers were for the June 1999 Seattle Wa. Conference:

- #1 Title: NEMA and IEC motor standards and their differences off:519-740-4109
Sponsor: Clayton Reid fax:519-740-9871
Author: Burt Bertolla Email:chreid@ra.Rockwell.com
Reviewers: Paul Rouillier, Malcolm Steeves, Bob Jordan
Class A paper
Clayton brought a copy of this paper for us to review in committee.
- #2 Title: Cable applications and 1998 code changes off:914-353-4000 ext. 404
Sponsor: Steve Pittman fax:914-353-4032
Author: Jim Daly Email:jim_daly_bicc@compuserve.com
Reviewers: Clayton Reid, Robert Cotton, Ralph Shead
Class A paper
Jim brought an abstract of this paper for us to review.
- #3 Title: Computer assisted training
Sponsor: Malcolm Steeves
Author: Not known at this time
Class B paper
- #4 Title: The Road to Maintenance Excellence
Sponsor: Steve Pittman
Author: Tom Brotski
Class B paper
- #5 Title: Electrical safety subsystems
Sponsor: Larry Thomas
Author: Mark Standifer
Class B paper
- #6 Title: OSHA plus common sense for rotating machine guards
Sponsor: Mike Poynter
Class D paper
- #7 Title: Locating Electrical Standards on the Internet made easy
Sponsor: Paul Rouillier
Class D paper
- #8 Title: Cluster Rule and how it will affect mill electrical systems
Sponsor: Paul Rouillier
Class D paper
- #9 Title: Communication Cable Standard's EIA/TIA 568A, IEEE 802 and their effects
Sponsor: Robert Cotton
Class D paper
- #10 Title: The changing role of the electrical craftsman
Sponsor: Malcolm Steeves
Class E
- #11 Title: Electrical preventative maintenance-state of the art-
Sponsor: Steve Pittman

Class E

#12 Possible paper for 1999: Cable applications for variable speed drives

Abstract: The purpose of this paper would be to clear up confusion over cable types and their advantages/disadvantages in VSD applications.

Sponsor: Ralph Shead

Reviewers: Paul Rouillier, Bob Finke, Robert Cotton

#13 Tutorial suggestion:

High Voltage Safety Equipment and how it's changed

Sponsor: Bob Jordan

Teacher: Mark Standifer of Integrity Systems

Bob has talked to Mark and confirmed the dates...this is a go.

Critical dates for paper submission

Interim meeting 10/22/98

1st review of draft 11/8/98

final review of draft 12/20/98

final review to Roger 1/24/98

drop dead date 3/7/98

Submitted,
11/10/1998

IEEE Pulp and Paper Committee**Drives and Controls Subcommittee - 1998 Interim Meeting
Atlanta, Georgia****Present**

Ron Mehofer
Duncan Rhodes
Bob Olsson
Philip Fransen
Bob Morse
Walt Jones
Jim Rooks
J.M. Bentley
Patrick Link
Terry Gallagher
David Rollay
John A. Kay
Austin Bonnett
Fred Stack
Mark Zawadzki
Tom Shearer
John Holmquist
Patrick McNulty
Pete Werner
Alan Lowe
Hank Watcher
John R. Thompson

Excused

Dick Kane
Mark Weaver
Pete Famighetti
Bruce Graves
Del Sever
Bob Fritz
Erwin von der Ehe
Ray Crane
Gene Davis

Absent

Robert Bengston
Steven Cheek
Erich Sisa
Martin Merrill
Ralph Prescott
Preston Jackson
Doug Frushour
Brian Akekey
Joe Miller
Michel Rivervin
Gary Reed
Robert Giese
Bill Reshel
Chuck Grucella
David Mintzlaff
Dwayne Robbins
Kenneth Butler
Michael Dinardo

DCS Subcommittee Meeting

October 22, 1998

Page 2

-
1. Welcome and Introductions.
 2. Pass around attendance list.
 3. Pass around current membership list and request updated telephone numbers, addresses and Email addresses (Allen Lowe).
 4. Paper Reviewer - Del Seaver with Duncan Rhodes as the alternate.
 5. There were 22 members present, 9 excused, and 18 unexcused.
 6. 22 members present will attend lunch.
 7. Reviewed each paper on current list. Allen Lowe recorded the additions and deletions.
 8. Reviewed the schedule for papers.
 9. Called for a break at 9:30 AM.
 10. Called for new papers. Again, committee members responded with new papers, new ideas and must be complimented for their commitment and willingness to volunteer as sponsors and paper reviewers.
 11. Discussed Meritorious Service Awards and encouraged members to consider nominating deserving engineers for this honor. See Russ Thrift if you have and questions.
 12. Adjourn meeting at 11:20 AM.
 13. John R. Thompson and Allen Lowe completed the draft of the Paper Tally list for 1999 prior to attending the luncheon.
 14. Seattle Conference Web Site is: <http://www.ieee-seattle-pnp-conf.org> (Good luck, as I tried today and could not find it). Call Tom Shearer for questions.
 15. Two of the top 3 papers at this year's conference were from our sub-committee, congratulations to Austin Bonnett and Patrick Link.

John R. Thompson gave the DCS Subcommittee report at the Full Committee Meeting.

Follow-up items:

1. Follow-up Email or Fax to sponsors to get authors data Sheet completed and sent to Larry Thomas. Attach template for paper and author's data sheet
 2. Type meeting minutes and send to Roger Jones; Email.
 3. Distribute meeting minutes to meeting attendees.
 4. Send membership list to Allen Lowe.
 5. Sub-committee meeting June 21, 1998 in Seattle. Executive on Sunday, October 21, 1998.
 6. IAS Conference October 8 - 12, 2000 in Rome, Italy. (www.IEEE-IAS.org)
- .

IEEE Industrial Applications Society - Pulp & Paper Industry Technical Committee

Drives and Controls Subcommittee - 1998 Interim Meeting

Atlanta, Georgia - October 22, 1998

Paper No:	96-02	Conference:	1999-A
Title	Additional Opportunities for Switched Reluctance motor Drives		
Sponsor:	John Holmquist	Reviewers:	R. Morse Ken Brink
Authors:	Joe Kline Mike Sander		Mark Weaver Duncan Rhodes Preston Jackson
Status:	Beta site for 1998 move to 1999. Draft available in Nov.		

Paper No:	96-10	Conference:	1999-B
Title	Paper Machine E-Stop Case History		
Sponsor:	J. Alan Lowe	Reviewers:	John Thompson Richard Kane
Authors:	Walter Jones		B. Graves Mark Weaver Philip Fransen
Status:	We are getting closer. Draft by end of October.		

Paper No:	96-15	Conference:	2000
Title	Electric Welder Practice in Paper Mills		
Sponsor:	Mark Zawadzki	Reviewers:	D. Ray Crane Walter Jones
Authors:	Robert Bengston John Holmquist Mark Zawadzki		Walt Jones Patrick Link John Worsham
Status:	Change title to "Practices or Guidelines" ?		

Paper No:	97-02	Conference:	2000-C
Title	AC Motor Optimization for Unwind Applications		
Sponsor:	Duncan Rhodes	Reviewers:	Peter Werner Robert Bengston Duncan Rhodes
Authors:	Steve Evon		J. Alan Lowe Henry Wachter Bob Morse
Status:	Duncan took over as sponsor form Walt.		

IEEE Industrial Applications Society - Pulp & Paper Industry Technical Committee
Dives and Controls Subcommittee

Paper No:	97-03	Conference:	1999-A
Title	Intelligent Motors Can Predict Failure		
Sponsor:	Austin Bonnett	Reviewers:	R. Morse Duncan Rhodes
Authors:	Stuart Bauer Matt O'Kane Roland Hannula		Delbert Seaver Preston Jackson
Status:	Abstract is being re-written and draft by November 8th.		

Paper No:	Rome -97-07	Conference:	2000-C
Title	Sectional and System Tuning concepts for a paper machine Drive		
Sponsor:	Henry Wachter	Reviewers:	J. Alan Lowe Patrick Link
Authors:	Peter Werner Philip Fransen Walter Jones		Delbert Seaver Duncan Rhodes Robert Bengston
Status:	Looks good for Rome.		

Paper No:	98-04	Conference:	2000
Title	Preventive Maintenance of Battery Systems		
Sponsor:	Duncan Rhodes	Reviewers:	D. Ray Crane Preston Jackson
Authors:	Matt Fowler, Bosie-Int'l Falls		John Holmquist
Status:	Duncan thinks paper is done. Austin will send Duncan a paper from another conference. Also, Duncan will see that author gets a copy of Ray Cranes paper.		

Paper No:	98-09	Conference:	1999-A
Title	A Case History of Shaft Currents on a 1500 HP PWM, IGBT Drive		
Sponsor:	Ron Mehofer	Reviewers:	A. Lowe Austin Bonnett
Authors:	Mark Zawadzki Burt Judson		John Bentley Bob Morse Bob Olson

Austin Bonnett

Status:	Paper written - cover page given out at Annual meeting. Alan will follow-up with Bob Finke.		
----------------	--	--	--

Paper No:	99-09	Conference:	1999-A
Title	Efficiency Determination; From Testing Laboratory to Plant Installation		
Sponsor:	Jim Rooks	Reviewers:	Phillip Fransen Austin Bonnett Fred Stack
Authors:	Dr. Wallace		Tom Shearer John Holmquist
Status:	Draft at Interim meeting.		

IEEE Industrial Applications Society - Pulp & Paper Industry Technical Committee
Drives and Controls Subcommittee

Paper No:	99-10	Conference:	1999-B
Title	Design Criteria for Excitation System for Power Transformers		
Sponsor:	John Holmquist	Reviewers:	Walt Jones John Kay Jim Rooks
Authors:	Rich Schaefer		
Status:	Abstract completed at Intern.		

Paper No:	99-11	Conference:	1999-B
Title	Design of Foundations for Large Refiner Motors		
Sponsor:	Phil Fransen	Reviewers:	Walt Jones Bob Morse John Bentley Alan Lowe
Authors:	W.E. (Bill) McKevitt		
Status:	Phill believes paper is complete and will compliment paper 99-04.		

Paper No:	99-12	Conference:	1999-A
Title	The Impact that Voltage and Frequency Variations have on AC Induction Motor Performance		
Sponsor:	John Holmquist	Reviewers:	Jim Rooks Duncan Rhodes Mark Zwadzki John Bentley
Authors:	Austin Bonnett		

PDS Subcommittee Report Not Available

COMPUTER BASED SYSTEMS SUBCOMMITTEE**MINUTES OF MEETING**

Meeting Date: October 22, 1998

Recorded by: Blake Lloyd

Members Present: Joe Armstrong Boise Cascade Corporation
Blake Lloyd Iris Power
Stan Merritt Merritt and Associates
Larry Thomas Weyerhaeuser Company
John Thompson Cutler-Hammer

Members from
another subcommittee none

Visitors to CBS Scott Salter Dean Oliver International
Karl Meihofner Square D Company

Excused Absence: Mike Tiller, GE Fanuc Automation
John Worsham Jefferson-Smurfit
Janet Flores Allen-Bradley
Mike Jhaveri Champion
John Kay Process Automation

Distribution: Subcommittee Members, Guests

General

Minutes of last meeting were accepted.

Reno Tonsi has taken a new job and has resigned as a member of this subcommittee.

As can be seen from the attendance above, the meeting was a small group. However in spite of this we had a good discussion and generated a number of new paper ideas.

1999 Conference Papers

The 1999 Conference will be held June 21 -25 in Seattle Wa. It was reported that the Seattle local committee made a presentation to the Executive. They are making good progress on

organizing the conference, however there is a great deal of concern with regard to the over \$200 per night room rate at the conference hotel.

The Subcommittee believes that it has 7 potential papers and one tutorial for the conference. See attached spreadsheet for Sponsor and Reviewer assignments.

The Subcommittee is also encouraged to submit papers for the conference in Rome Italy to be held in the year 2000.

As they were not present, the working group volunteered John Worsham as primary Paper Grader, and Janet Flores as the backup.

Other Business

The conference Web page is still in limbo awaiting input from the executive on the conference. The Seattle conference have created their own Web page to advertise the conference (www.ieee-seattle-pnp-conf.org). In addition, registration for the conference can be done on-line.

Respectfully submitted,

Blake Lloyd
CBS Subcommittee Chairman

attachments: members.xls
papers.xls

IV.-D. TREASURER

The principal functions of the Treasurer shall include:

To examine the budget prepared by the local conference committee and determine whether it is acceptable to the Committee and PID. Notify the local conference Chair of required revisions and/or acceptance of the prepared budget by the Executive Subcommittee.

Financial obligations of the interim meeting shall be charged to the next following local conference committee Chair's budget.

Serve as liaison between the local conference Chair and the Executive Committee and assist the local Chair as needed.

Coordinate conference audits and file the report with the Executive Committee to be included in the committee minutes. The audit is to be complete and filed at or before the next following annual conference. For conferences with budgets less than \$100,000, select three committee members, excluding present executive committee members, to conduct this audit. Conferences with budgets exceeding \$100,000 require an independent professional auditor.

Assist the Program Chair with arranging, organizing, and coordinating portions of the program for the next Annual Conference (i.e. Tutorials, Panel Discussions, and New Product Presentations).

IV.-E. EXECUTIVE COMMITTEE

The principal function of the Executive Committee shall be policy making within the framework of this guide. Its membership shall consist of the elected officers and the immediate past Chair.

In addition to the above members, the Chair, at his/her discretion, will invite the Chair of any subcommittee to the Executive Subcommittee meeting when a discussion involving the respective Subcommittee is on the agenda.

IV.-F. NOMINATING COMMITTEE

The function of the Nominating Committee shall be to present a slate of candidates to the membership, at least four weeks in advance of the annual meeting held in even years. The past Chair shall be the Chair of this committee and report its findings.