Hello once again from your ISA Power Industry Division (POWID) Director. The preparation of this Director’s Message takes place about three weeks after the ISA EXPO 2004 was held in Houston, Texas, and just a day or so before the bewitching day of Halloween.

I want to begin by giving you an update on our first ISA Power Industry Division/Analysis Division Program held on 16-17 September 2004 in Milan, Italy, as a part of the BIAS Conference. This was a first for your ISA Power Industry Division to program for an international venue. The technical programming for this conference was supported by both the Analysis and Power Industry Divisions of ISA. Many thanks to Bob Hubby who on a very tight schedule pulled the program together using some of the papers from our 2004 POWID/EPRI Joint Conference held in Colorado Springs, Colorado, back in June and we had some new papers as well. Although I was not able to attend, the feedback I received from Bob was the program was a big success with good attendance and the papers presented were well received by the attendees. It is my understanding that the technical programming at the BIAS Conference was a first, not only for your Power Industry Division, but also for ISA Divisions to program outside of North America. More details on the POWID/AD Program at the BIAS Conference are included within this newsletter.

I hope you were able to attend the 2004 ISA President’s Fall Meeting and ISA EXPO 2004 Conference and Exhibition in Houston, Texas, held consecutively from 2-7 October. Your ISA Power Industry Division was recognized at the ISA Honors and Awards Banquet held on the evening of 4 October as ISA’s “Outstanding Division” from the ISA Industries and Sciences Department. It gave me great pleasure as your ISA Power Industry Division Director to accept this award for our Division. This was the seventh year in a row for the Power Industry Division to receive this ISA society award. Your Power Industry Division was also recognized for this award at the ISA Joint Automation and Technology and Industry and Sciences Department Division Honors and Awards Luncheon held on the following day, and was also recognized, along with the Aerospace Division, as recipients of the Industries and Sciences Department Divisions’ Communication Award. This award is presented to the Division that is judged to best communicate with its membership through its various channels of information distribution. I want to recognize Dan Antonellis, as your POWID Newsletter Editor, and Gary Cohee, as your POWID Web Master, for their efforts in making this recognition possible. Our POWID newsletter, What’s Watt, and our POWID Web site (www.isa.org/~powid) are our primary means of communicating with you, our Division membership.

During the ISA Honors and Awards Banquet held on the evening of 4 October, two Power Industry Division members were recognized as ISA Fellows, Richard Morse and Cyrus Taft. This is a very prestigious ISA Society recognition and is given to a few select individuals to acknowledge their outstanding achievements in the scientific or the engineering fields as recognized by their ISA peers. Richard also received the ISA E.G. Bailey Society Award, which recognizes excellence in the design, development or application in instrumentation and control systems in the utilities or process industries. Our congratulations go out to both Dick and Cyrus for this ISA Society recognition. Cyrus serves currently on the POWID Executive Committee and is also serving as the 2005 Joint ISA/EPRI Controls and Instrumentation Conference Program Chairman, a post he also held for the 2004 Joint POWID/EPRI Conference held in Colorado Springs last June.
In this issue of what’s Watt, Power Industry Division newsletter, we are highlighting Don Christopher as our 2004 Power Industry Division Achievement Award recipient. This award was made to Don during our Honors and Awards Luncheon held in Colorado Springs back in June during our annual Conference. This feature along with some photographs were planned for our previous Summer newsletter but inadvertently were not included. This is POWID’s most prestigious award and recognizes lifetime contributions to the power generation industry and to the Power Industry Division of ISA. Don is truly deserving of this recognition.

Speaking of Honors and Awards, you will find in this newsletter descriptions, nomination forms, and past recipients of POWID’s three Division Awards — the POWID Achievement Award, the POWID Outstanding Service Award, and the POWID Facility Award. Please take the time from your busy schedule to submit an application for those you believe are truly deserving of these awards. Please see that deserving individuals receive the recognition they deserve.

Also, in this issue, we have a description and application of a new POWID academic scholarship. This is the “ISA Power Industry Division Robert N. Hubby Academic Scholarship” that was approved by your POWID Executive Committee last June in Colorado Springs. As a member of the ISA Power Industry Division, you will now have the opportunity to submit an application for a student of your choice to receive an academic scholarship award. Michael Skoncey, POWID’s Honors & Awards Coordinator, has included instructions and an application form in this newsletter for this new scholarship award. The applications received will be reviewed and the winning application approved by the POWID Executive Committee during their late February 2005 meeting, as well as the amount of the scholarship. The scholarship amount is anticipated to be between $3,000 and $5,000, depending upon the Division’s finances.

Also included within this newsletter is information on the ISA Society Awards, with nominations generally due by 1 March of the year. Be sure to check these out and nominate deserving individuals who support and promote our Technical Society and respective industries.

Before leaving the ISA EXPO 2004 Conference and Exhibit in Houston, I want to recognize Danny Crow who was our POWID Program Coordinator for the Technical Program associated with this event. The Power Industry Division had three Sessions, and our Session Developers were Tim M. C. Creary, Roger Hull, and Tom Stevenson. Sessions were held on Tuesday morning and afternoon, and Thursday morning. Our appreciation goes out to Danny and our program session developers for conducting these sessions in conjunction with ISA.

Be sure to mark your calendar for the week of 5-10 June 2005 for our annual Joint ISA POWID/EPRI Controls and Instrumentation Conference to be held in Nashville, Tennessee, at the Millennium Maxwell House Hotel. Our Conference General Chair is Denny Younie (denny.younie@ woodgroup.com) and our Program Chair is Cyrus Taft (cwtart@ compuserve.com). Both are repeating similar responsibilities from our very successful 2004 Colorado Springs Conference. Denny is looking for Conference Key Sponsors and exhibitors (booths and tabletops will be available on a first come first serve basis) and Cyrus is looking for Session Developers and technical paper authors. Denny has more information regarding being a Conference Key Sponsor and an exhibitor within this newsletter and Cyrus has a Call for Papers. Please note that the deadline for paper abstract submittals is 17 January. The technical paper sessions of the Conference will run from 6-8 June. Training sessions and Fossil and Nuclear Power Plant Standards meetings will be conducted from Wednesday afternoon, 8 June to Friday morning. There will also be an EPRI Interest Group meeting held on the afternoon of 8 June.

It is my understanding that the Nashville annual Country Music Fan Fare begins on Wednesday afternoon, 8 June, and runs through Sunday, 12 June. This would be a wonderful opportunity to bring your family along with you to our Conference, and when the Conference and related events end, take in the Country Music Fan Fare, while remaining in the Conference Hotel, the Millennium Maxwell House Hotel of Nashville. The Conference hotel block rates will be in effect through Saturday night of that week. More details on our 2005 Nashville Conference can be found on the Conference web site, www.isa.org/powersym.

A little further out on the radar screen is the ISA EXPO 2005 Conference and Exhibit, to be held in Chicago, Illinois, from 25-27 October 2005. David Roney has volunteered to serve as the POWID Program Coordinator for this event. David is looking for three or more Session Developers and a Call for Papers for this program is included within this newsletter. Abstracts are due by 11 March 2005.

I want to inform everyone that the next Power Industry Division and SP77 Fossil Power Plant Standards meetings will be conducted at ISA Headquarters in Research Triangle Park, North Carolina, from 22-24 February 2005, instead of during the ISA President’s Spring Meeting, which will be held in Portland, Oregon, in late April and early May of 2005. We have found that the timing of the ISA President’s Spring Meeting leaves little time between our annual Conference in June and the ending date of the ISA PSM. 2 February will be reserved for POWID meetings and 23 February and the morning of 24 February will be reserved for SP77 Standards Committee meetings.

In conclusion, I want to inform you that this will be my last “Director’s Message” as your Director of the Power Industry Division. My term comes to an end at the end of this year. Gary Cohee will become your new POWID Director and Dan Lee will become your new POWID Director-Elect. Their terms will run from 2005-2006. A biographical profile of each can be found in our POWID Summer 2004 Newsletter. I hope that you will give them the support that I have received over the last two years as I served as you Director. Serving as the POWID Director has not
continued from page 2

Director-Elect and two as the Director), much has changed in the world around us, within ISA, and much has changed in my life. As I leave this position, I hope I have been able to make a positive difference. One thing is for sure, I will be leaving the ISA Power Industry Division in very capable hands, in Gary Cohee and Dan Lee.

Please contact me at any time at the telephone number or email message listed below.

Best Regards,
Wayne Holland
2003-2004 ISA Power Industry Division Director
Telephone: (770) 427-3667
E-mail: wayneholland@bellsouth.net

CALL FOR PAPERS

15th Annual Joint ISA POWID/EPRI Controls and Instrumentation Conference
48th Annual ISA POWID Symposium

The 15th Annual Joint ISA/POWID/EPRI Controls and Instrumentation Conference (also called the 48th Annual ISA POWID Symposium) will take place in Nashville, TN, on 6-8 June 2004. This Conference is the only conference dedicated to electric power generation control and instrumentation issues. We welcome your proposed paper on a range of control system, instrumentation, data management, I&C technologies, and power industry topics. The conference scope includes both fossil and nuclear power plants. We will review all submissions and publish accepted papers in the Conference Proceedings via CD.

Papers will be selected from the following topic areas:

**Power Plant Control Systems**
- Power plant control retrofit projects
- Boiler control systems
- Turbine control systems
- Combined-cycle control systems
- Emission control systems
- Balance of plant control systems
- Burner management systems
- Control strategies
- Control tuning
- Digital control systems

**Control room modernization**
- Control system security
- Advanced control design and implementation
- Optimization systems
- Automation systems
- Configuration control

**Power Plant Instrumentation**
- Process measurements
- Emissions monitoring
- Combustion monitoring
- Performance monitoring
- Calibration issues
- Sensor validation techniques
- Equipment condition monitoring
- Mercury monitoring

**Data Management**
- Data archive systems
- Control LAN and Plant LAN Interconnections
- Data security
- Data backup
- Advanced data analysis tools
- Integrating process and non-process data

**I&C Technologies**
- Control theory
- Signal processing
- Simulation and modeling
- Expert systems
- Neural networks
- Fieldbus networks
- Wireless technologies
- Computer-aided design

**Power Industry Issues**
- Deregulation
- Competition
- Consolidation
- Environmental regulations
- Aging workforce
- Excess capacity
- Operational flexibility

**Submission Guidelines:**
- Intent to Present Application must be submitted electronically and in English by 17 January 2005. The Intent to Present Application can be found on the www.isa.org/powersymp website.
- Indicate “2005 Joint ISA POWID/EPRI Conference” on form.
- Must include a maximum 200-word abstract.
- Papers accepted for publication will require copyright transfer to ISA.
- All conference attendees including authors are required to pay registration fees.

**Deadlines:**
- Abstracts Due: 17 January 2005
- Paper Review Drafts Due: 31 January 2005
- Final Papers Due: 11 April 2005

**Primary Contacts:**
- Denny Younie, General Chair, denny.younie@woodgroup.com
- Cyrus Taft, Program Chair, cwtaft@charter.net
- Rodney Jones, ISA Technical Services, rjones@isa.org
Great Headlines for 2005:

Red Sox win the Series (again)
All airlines report record profits
Manned mission to Mars leaves on time
And the one sure thing...
ISA/EPRI Conference reports record attendance!

Don’t miss out on the Premier 2005 Instrumentation and Controls Conference Sponsorship Opportunity!

For sponsorship and exhibiting information contact:
Rodney Jones, ISA, rjones@isa.org
Cyrus Taft, Program Chairman, cwtaft@compuserve.com
Denny Younie, General Chairman, denny.younie@woodgroup.com

www.isa.org/powersymp

Thank You to our 2004 Instrumentation and Controls Conference Sponsors!

CALL FOR PAPERS

ISA EXPO 2005
CHICAGO, ILLINOIS • 25-27 OCTOBER 2005

POWER INDUSTRY DIVISION TO SPONSOR 3+ SESSIONS

ISA EXPO 2005 will consist of the following seven themes:
• Manufacturing & Control Systems Security
• Productivity & Asset Management
• Industrial Networking & Communication
• Safety & Reliability
• Automation & Control Strategies for Success
• Managing in Automation
• Field Devices-Sensing & Measurement

Your Power Industry Division is planning to program for three technical paper sessions and perhaps a forth panel or tutorial session addressing the above ISA EXPO 2005 themes for fossil and nuclear power generating plant applications. We are also considering a session addressing environmental and air/water pollution issues as they relate to the generation of electric power.

The ISA Power Industry Division Program Coordinator is David Roney of the Washington Group and a member of the Power Industry Division Executive Committee. David’s contact information is as follows:

David Roney, ISA EXPO 2005 POWID Program Coordinator
c/o The Washington Group
P.O. Box 5888
Denver, Colorado 80217
Telephone: (303) 849-3681
Fax: (303) 843-2684
E-mail: david.roney@wgint.com

CALL FOR SESSION DEVELOPERS
Here’s your chance to help your Power Industry Division by volunteering to be a technical paper Session Developer or a Panel or Tutorial Session Organizer/Moderator. Please contact David Roney if you are interested in volunteering.

CALL FOR PAPERS
If you have an interest in authoring and/or presenting a technical paper that relates to one of the themes above that applies or relates to the generation of electric power from fossil or nuclear power generating plants, or to an environmental issues theme concerning power generating plants, please contact David Roney.

Deadline for Abstracts: 11 March 2005
Draft Papers Due for Review: 10 June 2005
Final Papers Due: 31 August 2005
Honors and Awards Year 2004 in Review

Michael J. Skoncey - Honors and Awards Coordinator

At our annual Symposium we honored the following:

Achievement Award - Don Christopher (Reliant Energy)
Service Award - Dale Evely (Southern Company)
Facilities Award - Monticello (TXU)

At the Society Award's Banquet the following Division Members were honored:

We were honored as the Outstanding Division in the Industries & Science Department
Elevated to Fellow Grade - Cyrus Taft (EPRI)
Richard Morse (Retired)
Excellence in Documentation Award - Joe Weiss (KEMA Inc.)
Distinguished Society Service Award - Stephen Wells (Southern Company)
E. G. Bailey Award - Richard Morse (Retired)
ISA Standards & Practices Department Award - Robert Webb (Consultant)

Robert Hubby with an academic scholarship in his name. This scholarship is to be awarded annually to a student in either his junior or senior year in a power generation curriculum at an accredited college or university. Any POWID member can submit the name of an individual along with a written account of the candidate's qualifications to the Coordinator of the Honors and Awards by 15 January.

Following are all the nomination forms for our Achievement, Service and Facilities Awards, in addition, to the Robert N. Hubby Academic Scholarship.

2004 POWID ACHIEVEMENT AWARD RECIPIENT

The 2004 POWID Achievement Award recipient information and picture shown below were inadvertently omitted from this past Summer’s Edition of What’s Watt. It is our pleasure to belatedly include Don Christopher’s receipt of the award in this newsletter issue.

The Achievement Award is for the purpose of recognizing individuals whose efforts have advanced the generation of electrical power. These efforts are exemplified through the individual’s outstanding achievements, original design application, or special contributions toward the development of engineering concepts in the field of instrumentation and controls within the power industry.

Mr. Don Christopher received this year’s POWID Achievement Award. Don has over 36 years of experience with Houston Lighting & Power/Reliant Energy in engineering, design, operation and maintenance of Power Plant I&C systems for both steam and direct fired turbines. Don has had both technical and management responsibility for the design, layout, installation, start-up and tuning of analog, PLC and DCS systems on coal, gas and oil fired units for applications of burner management, annunciators, data acquisition, and continuous emissions monitoring.

Having joined ISA in 1973, and been elected into the POWID ExCom in 1977, Don has made significant contributions to POWID:
- POWID Host Committee Printing & Mailing Chairman - 1975 Houston Conference
- POWID Conference Program Chairman
  - 1984 - Dallas, TX
  - 1990 - New Orleans, LA
  - 1992 - Houston, TX
  - 1995 - New Orleans, LA
  - 1999 - St. Petersburg, FL
  - 2003 - Houston, TX
- Secretary - 1986 & 1987
- Editorial Review Chairman - 1989 & 1990
- POWID Session Developer for numerous Conferences and Symposia

Don Christopher, right, receiving POWID Achievement Award from Wayne Holland, ISA POWID Director

Don has been a long time member of the SP77 Standards Committee and an active participant on the SP77.45 - Steam Temperature Controls for Once Through Boilers, and SP77.13 - Fossil Fuel Power Plant Steam Turbine By-Pass Systems Committees.
Richard H. Morse, a retired power plant boiler controls application consultant for over 60 years, is receiving the E.G. Bailey award for his outstanding design, development and application of advanced control strategy for boiler control systems for fixed and variable pressure operations.

A leader in the industry, he managed a group of 20 project managers responsible for boiler control system implementation for contract customers, developing advanced control strategies for boiler control systems for fixed and variable pressure operation, and authoring numerous technical papers covering all aspects of large utility fossil fired drum type and once through type boiler modulating control systems, leading the development and holding the underlying patent for the Leeds and Northrup's D-E-B/400 boiler control system.

M r. Morse began his career in 1941 as a test engineer at the Philadelphia Electric Company Chester Generating Station prior to joining the U.S. Navy in 1944. He then moved to Leeds and Northrup Company where he spent over 35 years of his distinguished career before becoming a consultant.

A member of the ISA Philadelphia Section, M r. Morse is a Life Senior Member of ISA and is also achieving the distinguished grade of ISA Fellow in recognition of his developments in advanced control strategies for boiler control systems. He is a Life Fellow Member of the American Society of Mechanical Engineers and a professional engineer in the State of Pennsylvania.

He has a Bachelor of Science degree in mechanical engineering from Clarkson College in Potsdam, N Y.
ISA Fellow
Cyrus W. Taft
EPRI I & C Center
ISA Oak Ridge Section
Harriman, Tennessee USA

Citation: In recognition of advancement of state-of-the-art in the application of distributed control systems for power plants.
Criteria: To acknowledge the outstanding achievements in scientific or engineering fields as recognized by ISA peers.
Award: Plaque and Pin

Cyrus W. Taft is the chief engineer at EPRI Instrumentation and Control Center where he is responsible for research projects that involve power plant control systems. He is achieving the distinguished grade of ISA Fellow in recognition of his advancements of state-of-the-art in the application of distributed control systems for power plants. His most recent projects included the analysis and design of SCR control systems, development of guidelines for active burner balancing control systems, development and demonstration of advanced control techniques for fossil power plants including pulverizer control, investigation of automatic boiler tuning systems.

Mr. Taft began his distinguished career as a field service engineer with the Power Generation Service Division of Westinghouse doing steam and gas turbine repair work at utility plants. Prior to joining EPRI, Mr. Taft spent 17 years in the design engineering department of Southern Company Services, rising from an engineer to a principal, ultimately serving as a technical expert providing consulting services to other groups in the company on boiler control systems, control tuning, and dynamic simulation.

Mr. Taft is a Senior Member of ISA and has served as Chairman of ISA $77.43$ and $77.82$ Committees. He also served as president of the ISA Birmingham Section. He received the ISA Power Division Achievement Award in 1998.

A published author of numerous technical articles, he is a registered professional engineer in the State of Alabama, a member of the Institute of Electrical and Electronics Engineers (IEEE), American Society of Mechanical Engineers (ASME) and Society of Automotive Engineers (SAE).

Mr. Taft earned a Bachelor of mechanical engineering degree from Georgia Institute of Technology and has a Master of Science degree in electrical engineering from the University of Alabama.

2005 Award Nominations

Nominations for next year’s Achievement Award, Service Award, and Facility Award are open until 1 February 2005. Please use the following forms for entering your nominations. Nominations can either be faxed to (412) 382-6965 or e-mailed to Mjskoney@reliant.com.

Thank you for taking the time to recognize your fellow engineers and their dedication to the field of instrumentation and controls in the Power Industry.

History of the POWID Achievement Award

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<td>1981</td>
<td>Richard H. Morse</td>
<td>Leeds &amp; Northrup Co</td>
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<td>1983</td>
<td>Porter J. Womeldorf</td>
<td>Illinois Power Company</td>
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<td>1985</td>
<td>John E. Coles</td>
<td>New Orleans Public Service Co</td>
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<td>1987</td>
<td>Q. V. Chou</td>
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<td>1989</td>
<td>Gordon M. Chavers</td>
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<td>Richard Hottenstein</td>
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<td>Edwin M. Good</td>
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<td>1999</td>
<td>Ron Johnson</td>
<td>Sargent &amp; Lundy</td>
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<td>2001</td>
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<td>2003</td>
<td>Frank Ryan</td>
<td>Sargent &amp; Northrop</td>
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History of the Facility Award

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<td>1986</td>
<td>Robert N. Buschell</td>
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<td>Peter J. Clelland</td>
<td>Philadelphia Electric Co</td>
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<td>1992</td>
<td>Joe Weiss</td>
<td>EPRI</td>
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<td>1994</td>
<td>Marjorie A. Widmeyer</td>
<td>Washington Public Power Supply</td>
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<td>1996</td>
<td>Robert N. Hubby</td>
<td>MAX Control Systems</td>
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<td>1998</td>
<td>Cyrus Taft</td>
<td>EPRI</td>
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<td>2000</td>
<td>Ron Hicks</td>
<td>Black &amp; Veatch</td>
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<td>2002</td>
<td>Jim Batag</td>
<td>PPL Generation</td>
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<tr>
<td>2004</td>
<td>Don Christopher</td>
<td>Reliant Energy</td>
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This award was created for the purpose of recognizing individuals for their outstanding achievement, original design application, or special contributions toward the development of engineering concepts in the field of instrumentation and controls for the advancement of electric power generation.

Nominees Name:__________________________________________________________________________

What was their Outstanding Achievement, Original Design or Contributions to the Power Industry:________________________________________
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Note: Please submit nomination by 1 February 2005
This award is for outstanding service in the field of instrumentation within the Power Industry. The service of the individual is to be noteworthy, exemplary, or unique and exceeds the normal duties of the office or position held. The service is of a nature that advances the stature of the Power Industry Division and/or ISA.

Nominees Name: __________________________________________________________________________

Contributions to the ISA Power Industry Division or the ISA Society: _______________________________________________________ _______________________________________________________ _______________________________________________________ _______________________________________________________ _______________________________________________________ _______________________________________________________ _______________________________________________________ _______________________________________________________ _______________________________________________________ _______________________________________________________ _______________________________________________________ _______________________________________________________ _______________________________________________________ _______________________________________________________ _______________________________________________________ _______________________________________________________ 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Facility: ________________________________________________________________
Name: ________________________________________________________________
Location: ______________________________________________________________
Description of Facility: _________________________________________________

What is Innovative about it? ____________________________________________

What was learned? _____________________________________________________

What are the Benefits to the?
Facility: ______________________________________________________________
Industry: ______________________________________________________________
ISA/Power Industry Division: ____________________________________________

Examples:
Productivity: _________________________________________________________
Reliability: ___________________________________________________________
Operating Flexibility: _________________________________________________
Efficiency: ____________________________________________________________
Availability: __________________________________________________________

Who to Contact at the Facility for more Information?

continued
Key Project Dates:________________________________________________________________________
________________________________________________________________________________________
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Start:____________________________________________________________________________________
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Installation:_______________________________________________________________________________
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Major Contributors:________________________________________________________
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Other Awards received by the Facility:________________________________________________________
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Additional Comments:__________________________________________________________
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Nomination Submitted By:__________________________________________________________________
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Name, Address and Phone Number of Nominator:____________________________________________
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Note: Please submit nomination by 1 February 2005
ELIGIBILITY REQUIREMENTS

All Applicants Must:

- Currently be enrolled in an undergraduate program in a Power Industry related field (e.g. Mechanical / Electrical Engineering or Computer Science) at an educational institution in their country of residence.
- Four year degree program applicants must be in their sophomore year or higher of their study or its equivalent
- Applicants must be full-time students in an accredited educational institution and have at least an overall GPA of 3.0 on a 4.0 scale.

Please print legibly using black or blue ink or type.

<table>
<thead>
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<th>PERSONAL INFORMATION</th>
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<td>Current Enrollment: College or University Name</td>
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<tr>
<td>College or University Address (City / State / Postal Code / Country)</td>
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**College / University Undergraduate Major**

What type of degree will applicant earn upon graduation? (Please place a check in the appropriate box)

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<th>Associate</th>
<th>Bachelor</th>
<th>Masters</th>
<th>Doctorate</th>
<th>Other? (Please list Below)</th>
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**REFERENCE LETTERS**

Two letters of recommendation are required. At least one of the letters should be from a faculty member who is familiar with the applicant’s educational program. Faculty recommendations must be on college/university letterhead. The references should comment on the applicant’s character and potential leadership, or for making a significant contribution to the instrumentation, systems, and automation profession in the Power Generation Industry. This can be based on the applicant’s course work, projects, or activities. A confidential recommendation is not required. Each letter of recommendation must be signed by the person making the recommendation and attached to this form by the Submitter.

Note: If the person providing the letter wishes to write a confidential reference, he or she should place the original letter in a sealed envelope and have the Submitter include it with the application.

**ADDITIONAL SUPPORTING INFORMATION**

Submitter should include the following information in his or her application package:

1. **Educational Record, Activities, and Honors**
   - Include an official copy of all post high school transcripts with this application that includes all courses attempted and/or completed to date. Degree audit forms and web documents are not acceptable. Be sure all transcripts are legible.
   - List career-related extracurricular activities in which you have participated.
   - List any non-career related activities
   - List academic honors, civic honors, or awards you have received
   - List any professional and honorary society memberships

2. **Employment Record / Work Experience**
   - List all jobs the applicant has held. Include the name of the employers, the dates of employment, and the type of work you performed.

3. **Essay Question**
   - The applicant shall describe his or her ambitions and qualifications as an innovator or future leader in a career in the instrumentation, systems, or automation field within the Power Generation Industry. Applicant shall describe his or her career objectives and how the award of the ISA Power Industry Division academic scholarship would help him or her to attain his or her objective. Explain why you want to enter this particular field of engineering or computer science. Comment on what you have achieved and learned through your studies and activities, and what this indicates about your character and determination. Your essay should not exceed 400 words and should be typed and double-spaced.

4. **Submitters Reason for Submitting this Applicant**
   - Submitter shall write a paragraph describing why he is submitting this applicant for this scholarship.

**APPLICANT’S CERTIFICATION**

Applicant authorizes his or her college/university to make available to ISA information concerning their academic records. The applicant shall understand that falsification of any information disqualifies the applicant for any current or future scholarships. The applicant also understands that all applicants will be evaluated on educational achievement, work experience, and their submitted essay. Submission of an application in no way guarantees that a scholarship will be awarded. Incomplete applications will not be considered.

Name______________________________________ Signature_____________________________________
Address____________________________________ City_____________________ State________________
Date_______________ Telephone____________________ Email Address____________________________
SUBMITTER'S CERTIFICATION

I hereby certify that all information submitted on this application is true and accurate to the best of my knowledge and I currently am a member of ISA and the ISA Power Industry Division.

Name_______________________________________Signature_________________________________
Address_____________________________________City______________________State____________
Telephone___________________ Email Address____________________________________________
Date_______________________ ISA Membership Number_____________________________________

Mailing Instructions

Send three copies (one original and two copies) of the application and required documentation. Each copy should be stapled with attachments in the following order:

- Completed application
- Two Reference Letters
- Transcript (original transcript with raised seal should accompany original application)
- Awards and Honors / Extracurricular Activities
- Employment History
- Essay
- Submitters reason for submitting application

Mail the original and two copies unfolded in an envelope postmarked no later than 15 January to:

Michael J. Skoncey
ISA POWID - Honor and Awards Coordinator
Reliant Energy Inc.
Elrama Power Plant
P.O. Box 800
Elrama, PA 15038
U.S.A.

APPLICATION MUST BE POSTMARKED BY 15 JANUARY 2005
AND RECEIVED BY 18 JANUARY 2005 TO BE ELIGIBLE FOR AWARD

Scholarship reviews will begin 19 January 2005. Scholarship recipient will be notified electronically by 30 April 2005. Scholarship recipient will be requested to attend the ISA Power Industry Division’s Annual Symposium Honors and Awards Luncheon to receive his or her award. This Luncheon will be held on 6 June 2005 at the Millennium Maxwell House Hotel in Nashville, Tennessee, during the 15th Annual Joint ISA/EPRI Controls and Instrumentation Conference. It is not a requirement for the scholarship recipient to attend this Luncheon to receive the scholarship. The ISA Power Industry Division will reimburse the scholarship recipient for his or her reasonable travel expenses to this Conference and will provide a complimentary Conference registration. Individuals not being awarded a scholarship will be notified by May 2005.

Do not contact ISA for application status. No application or associated documentation will be returned to applicants. More information about the ISA Power Industry Division can be found at www.isa.org/~powid.
Condensate Pots Revisited

Many years ago in one of my early PowerTech Corner articles, I discussed condensate pots and why they were not needed with modern pressure transmitters. Despite my assertions in that article, there is still some doubt in the industry so I thought it would be useful to look into this issue again.

The debate was rekindled at the Joint ISA POWID/EPRI conference in Colorado Springs last June when Dale Evely of Southern Company presented a paper on drum level measurement problems on heat recovery steam generators (HRSG). As always, Dale presented an excellent paper which documented several problems he had found on HRSG drum level measurement installations. The focus of the paper was not on condensate pots but the issue was raised and led to a lively discussion during the session and it continued into some standards meeting later in the week.

I think everyone can agree that at constant drum pressure a condensate pot is not needed on the reference leg of a drum level measurement system, provided the pressure (level) transmitter has very low loss of displacement. I hope this is not in doubt. The question which remains is what happens during pressure transients, such as load changes or runbacks? During these transients, the drum pressure changes and if any of the water in the reference leg is at saturation temperature, a pressure decrease will cause it to flash into steam. If that happens, the weight of the fluid in the reference leg will change and a measurement error will result. The question is, if this did happen, would a condensate pot help the situation?

If you are looking for a definitive answer, you can stop reading now because I don’t have one. What I want to do is discuss the problem in a little more detail and describe how it could be solved.

A typical installation of a condensate pot is shown in Figure 1. The pot is connected horizontally to the steam drum above the water level so the steam conditions are saturated. The pot is also connected vertically to one side of the differential pressure (level) transmitter for the drum. Let’s assume the boiler drum is operating at a steady 2600 psig and since it is at saturation the temperature of the steam is 675 degF. There is no insulation on the condensate pot or the piping connected to it so there is heat loss from the pot and piping to the surrounding air. Since heat is being lost to the air, there must be some condensation of steam on the inside of the pot and piping. The condensing steam causes a small flow of steam into the pot and a corresponding flow of condensed water from the pot back to the drum. I recommend that the horizontal pipe from the drum to the pot be sloped slightly down toward the drum to prevent water from accumulating in the pipe and changing the water level in the reference leg.

Let’s also assume there is no flow into or out of the sensing line to the level transmitter. Modern transmitters have very little displacement so this is a reasonable assumption. If there is no flow in the sensing line, the temperature of the water in the line will be at ambient conditions far away from the condensate pot. But near the pot, the temperature will be much higher. At the interface between the liquid and vapor in the pot, the liquid temperature is at saturation because saturated vapor is condensing there. Just below the surface, the temperature is less due to heat loss to the air. The temperature gradually decreases as the distance from the pot increases. In addition to the direct heating of the water by the saturated steam, heat is also transferred into the reference leg by conduction from the metal pipe. Heat is lost from the reference leg to the surrounding air by free convection, if it is an indoor unit.

From the above discussion, it is clear that there is a vertical temperature profile in the reference leg. Although I don’t know exactly what the profile is, for discussion purposes let’s look at two possibilities as shown in Figure 2. One curve represents an exponential decay in the temperature and the other shows a linear drop. In both cases, I have estimated that the temperature of the water in the reference leg reaches the 100 degF ambient about 50 inches below the condensate pot. This is just a guess. Given these temperature profiles, what would happen if the drum pressure dropped 100 psi? The saturation temperature for the new drum pressure of 2500 psig is 669 degF so at least some of the water above that temperature would flash into steam. For the exponential case, about 0.1 inch of the liquid is above 669 degF and for the linear case about 0.5 inches is above 669 degF. Only a portion of the water above the saturation temperature would actually flash into steam and in this case, if my calculations are right (admittedly a big if), only 1.5% of the liquid would flash into steam. So the change in measured drum level would be about 0.01 inches for the exponential profile and about 0.05 inches for the linear profile. Both of these impacts are very small and would never be noticed in the drum level measurement.

But we still haven’t answered the original question of whether the condensate pot makes a difference. In my opinion, the only impact a condensate pot could have on this problem is that it could alter the temperature profile of the liquid in the reference leg. If the condensate pot caused the temperature profile to be steeper (more cooling), it would reduce the impact of the pressure change and if...
it caused the profile to be flatter it would increase the impact. In either case it would only affect the top few inches of the profile since that is where the condensate pot is located. Given the magnitude of the level measurement error discussed above, I think it would be impossible for the temperature profile to be altered enough to cause a measurable difference. Certainly the above analysis is not thorough enough to answer the question with absolute certainty but I think it does identify the issues that should be addressed in the analysis. I also think it is very unlikely that the presence or absence of a condensate pot on a drum level reference leg would have any detectable impact on the level measurement accuracy. Perhaps this discussion will spur a more detailed analysis of this problem and lead to a definitive answer. A small computation fluid dynamics (CFD) model could be used for this analysis and it would not be very difficult to modify a real reference leg to determine the actual temperature profile.

As always I welcome your comments and suggestions.

Cyrus W. Taft, PE
Chief Engineer
EPRI I&C Center
714 Swan Pond Road
Harriman, TN  37748
(865) 717-2017
(865) 717-2020 - fax
cwtaft@charter.net

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2003 Best Technical Papers

Each year POWID recognizes the best paper(s) from the previous year’s conferences. As reported in the last issue of What’s Watt, the three best papers from 2003 are:

1st Best Paper
Model-based Simulation Study on Corporate-wide Load Dispatch Optimization with Pollution Control  
Xu Cheng  
Frederick C. Huff

2nd Best Paper
Manufacturing and Control Systems Security  
Robert C. Webb

ISA SP99 History, Status, and How it Can Help You  
Kevin V. Maki

3rd Best Paper
Burner Management Flame Detection Requirements and Exceptions  

The 1st Best Paper of 2003 was published in the Summer 2004 Edition of What’s Watt. We are now pleased to offer the 2nd and 3rd Best Papers in this newsletter edition for your reading enjoyment. Please click on the links below.

Our appreciation and congratulations to all authors presenting at our conference, and especially to the above authors for their time and effort to develop papers of excellence.


POWID SESSIONS AT ISA EXPO 2004, OCTOBER

The power Industry Division hosted technical sessions at ISA EXPO 2004 held this past September in Houston, TX. Danny Crow was the ISA POWID Program Coordinator. The Session Developers were Tim Mccreary, Roger Hull, and Thomas Stevenson.

Session ISA04-S088
Session Developer - Timothy Mccreary - HFC Controls
Session Title - Plant Performance Improvement I
Papers:
1. Author - Mario Parra - Salvador Instituto de Investigaciones Electricas  
    Title - Advanced Control algorithms for a Turbogas Unit Control System Retrofit
2. Author - Jim Moen - Calpine Corp  
    Title - Design of Automatic Monitoring & Control Systems in heat Recovery Steam Generator (HRSG) Systems

Session ISA04-S047
Session Developer - Roger Hull - Emerson
Session Title - Plant Performance improvement II
Papers:
1. Author - Rong Chen - Emerson Process Management  
    Title - Model predictive Control of a Drum/Boiler System
2. Author - Jane Arnold - Sterling Chemical  
    Title - Waste Oxidizing Boiler Fuel Management

Session ISA04-S089
Session Developer - Thomas Stevenson - Constellation
Session Title - Plant Performance Improvement III
Papers:
1. Author - Wha Woon Byeon - Korea power Engineering Company  
    Title - Application of Integrated Control & Monitoring System (ICMS) in Standard Thermal Power Plant in Korea
2. Author - Jia Jianha & Ray Johnson Pegasus Technologies, Inc  
    Title - Fleet-Wide Installation of Power Perfecter for Emission Reduction and Combustion Optimization
3. Author - Donald Long - MTL surge Technologies  
    Title - Lightning and Surge Protection for NOx/SOx Emissions Monitoring
4. Author - V. Prakash - ETHS, India Gandhi Centre for Atomic Research  
    Title - Process Instrumentation systems for 1/4 scale Reactor Assembly Model of PFBR

continued from page 15
1st Joint ISA AD/POWID/EPRI BIAS Control and Instrumentation Conference
Final Technical Program - Milan Italy, 16-17 September 2004

Thursday, 16 September

Session 1: Welcome and Introductions
Time: 9:45 a.m. - 10:00 a.m.
Robert N. Hubby - Power Industry Division Co-chair
Robert L. Farmer - Analysis Division Co-chair

Session 2: Advanced Control Application Experience
Time: 10:00 a.m. - 12:00 p.m.
Session Developer: Robert L. Farmer - Siemens Applied Automation & Robert N. Hubby - consultant
Coal Mill and Combustion Optimization on a Once-Through Supercritical Boiler With Multivariable Predictive Control presented by William Poe, Donald Labbe, Jim Graves, Invensys, Steve Barnoski, Dayton Power & Light presented by Robert Hubby and Carlo Bozzini
New Excess Air Controller at Le Havre Power Plant by Luc Degrange, Jean-Baptiste Libit, Electrique de France
An Optimization Software Package for Power & Energy by Jachym Vohryzek, Honeywell Prague Laboratory
Smart Process Analyzers and Asset Management Software - discover the benefits of combining asset management software with the advanced features in smart analyzers by Brian LaBelle, Emerson Process Management - Rosemount Analytical Inc.

Session 3: Combustion Monitoring and Optimization
Time: 1:00 p.m. - 4:00 p.m.
Session Developer: Robert L. Farmer - Siemens Applied Automation & Robert N. Hubby - consultant
Optimization of FEGT (Furnace Exit Gas Temperature) Monitor Demonstration at TVA's Cumberland Fossil Plant by William Poe, Donald Labbe, Jim Graves, Invensys, Steve Barnoski, Dayton Power & Light presented by Robert Hubby and Carlo Bozzini
Application Experience of Strain Gage Technology for Applied Process Gas Chromatograph by Jerry Clemons and Bill Johnson, ABB Inc

Friday, 17 September

Session 4: Environmental Issues
Time: 9:45 a.m. - 10:05 a.m.
Session Developer: Robert L. Farmer - Siemens Applied Automation & Robert N. Hubby - consultant
Trace Total Sulfur Measurement with a Flame Photometric Detector in a Process Gas Chromatograph by Jerry Clemons and Bill Johnson, ABB Inc

Session 5: Cyber Security
Time: 10:05 a.m. - 10:25 a.m.
Session Developer: Robert L. Farmer - Siemens Applied Automation & Robert N. Hubby - consultant
Outage Extension Risk and Unit 3 Justified to Prevent DCS Upgrade by Mike Yers, PPL Montana Colstrip Station, Greg McKimm, SimSci-Esscor to be presented by Robert Hubby and Carlo Bozzini

Session 6: Emerging Applications
Time: 10:25 a.m. - 12:00 p.m.
Session Developer: Robert L. Farmer - Siemens Applied Automation & Robert N. Hubby - consultant
Application Challenges of a Foundation Fieldbus System by Regina Bratsby, Washington Group International
A “chirurgical” DCS upgrading on ENEL’s Fusina Power Plant by A. Cazzaniga, P. Leviti, Alstom Power Italy
New Developments in Micro-Machining Technology for Applied Process Chromatography by Harold M. Ahler and Thomas Lenk, Siemens AG
Trends in Control System Vendor Solutions for Simulator Applications by Todd Thayer, SimSci-Esscor, Kevin Smith, Bill Brownlee, ABB to be presented by Robert Hubby and Carlo Bozzini
PPL Montana Simulators for Colstrip Unit 2 and Unit 3 Justified to Prevent DCS Upgrade Outage Extension Risk by Mike Yers, PPL Montana Colstrip Station, Greg McKimm, SimSci-Esscor to be presented by Robert Hubby and Carlo Bozzini

Power Industry Division goes International at the BIAS Conference in Milan Italy

Power Industry Division goes International at the BIAS Conference in Milan Italy, 16-17 September 2004 with the first Joint ISA/AD/POWID/EPRI BIAS Control and Instrumentation Conference. Technical programming was supported by both the Analysis and Power Industry Divisions. Six technical sessions were held over one and one half days of technical presentations. The new POWID paper authors will be solicited to present in the 2005 Power Division Symposium and will be included in the 2005 Symposium proceedings.

Layered Security in Plant Control Environments by Ken Miller, Ensurer Corporation presented by Dave McGuire

The highlight of the technical sessions was the 13 excellent papers from the Power Division 2004 Symposium in Colorado Springs. The Analysis Division provided two fine papers. Two new Power Division papers and one Power Division presentation by European authors/business representatives giving a true international flavor for the conference. The ISA-BIAS Conference Schedule included below provides a complete listing of all papers and presentations.

While the technical sessions had a high pre-conference registration of 55 to 65 participants, the actual attendance was 10-20 including preseners. The presentations were excellent and fostered a good technical exchange between participants.

A read only CD of the technical presentations will be provided upon request. The new POWID paper authors will be solicited to present in the 2005 Power Division Symposium and will be included in the 2005 Symposium proceedings.
Minutes of Meeting
SP77 Fossil Fuel Power Plant Standards Series

Meeting: SP77 Fossil Fuel Power Plant Standards Committee
Co-Chairmen: Wayne Holland/Dan Lee
Minutes by: Loanna Overcash and Wayne Holland
Date: 9 June 2004
Location: ISA POWID/EPRI 2004 Conference
Doubletree Hotel; Colorado Springs, Colorado
Revision 1: 29 September 2004

Attendees:

**SP77 Members**
- Gary Cohee
- Dan Lee
- Cyrus Taft
- Don Christopher
- Wayne Holland
- Bob Hubby
- Allan Zadiraka
- Phil Reeves
- Jim Batug
- David Roney
- Gordon McFarland
- Randy McSpadden

**Guests**
- Leo Staples
- Bob Eng

**ISA S & P Staff**
- Loanna Overcash

1. **Call to Order**
The ISA SP77 Fossil Power Plant Standards Committee meeting was called to order at 1:22 p.m. MDT by SP77 Co-Chair Wayne Holland.

2. **Introductions of Attendees**
SP77 Co-Chair Wayne Holland asked everyone attending the meeting to introduce themselves and identify their role on the ISA SP77 Committee or with ISA. A special welcome was made to Leo Staples, ISA Executive Board member.

3. **Review and Approve Agenda**
The agenda distributed by Loanna by email and distributed around the meeting table was Revision A dated 4 June 2004. Wayne asked if everyone had a copy of the agenda and if there were any recommendations to add, subtract, or revise the agenda as it was currently written. Loanna said that no suggestions for an agenda change had been previously received by her on email. The following items were suggested to be added to the agenda:
- Bob Hubby suggested a discussion of the merger of the various SP77 40 Boiler Control subcommittees into one standard be added as an “Old Business” item.
- Leo Staples asked for a few moments to discuss a standard on instrument calibration that he is developing for his company. Leo asked if this item could be discussed early in the meeting as he had to leave the meeting to catch a plane. Wayne said that this item would be added as a “New Business” item and it would be the first topic discussed.

4. **Leo Staples’ Standard on Instrument Calibration**
Leo is working on a standard for his company that will focus on instrument calibration for Fossil Fuel Power Plants. He believes this could be the start of an ISA standard for SP77 and will make a draft available for the committee to review when it becomes available. The SP77 committee can decide at that time if it should be pursued further. SP77 Co-Chair Wayne Holland said this would be a topic that would be appropriate for a new standard within SP77 and that the SP77 Committee was always looking for potential new standards topics. Wayne thanked Leo for attending and his suggestion for a new instrument calibration standard and for the draft of his future company standard on instrument calibration for fossil fuel power plants. Wayne asked Leo if he would be willing to have someone within his company familiar with the instrument calibration standard development become a member of SP77 and become a Subcommittee Chair for the development of an instrument calibration standard. Leo said that he would consider the proposal and thanked everyone for considering his suggestion for a new standard.

5. **Review & Approve Minutes of Last Meeting**
SP77 Co-Chair Wayne Holland asked if everyone had a copy of Revision 0 of the meeting minutes from the SP77 meeting held on 27 April 2004, in Long Beach, California, during the ISA President’s Spring Meeting. After a few minutes of review of the SP77 meeting minutes from the Long Beach meeting held on 27 April 2004, SP77 Co-Chair Wayne Holland asked if there were any corrections and revisions to the meeting minutes. As a result, two revisions were suggested:
- Spelling of Allan Zadiraka's name
- Denny Younie will be added to the list of attendees
With these corrections made to the meeting minutes, SP77 Co-Chair Wayne Holland asked for a motion to approve the 27 April 2004 SP77 meeting minutes, Revision 1, from Long Beach, as so amended. The SP77 Committee members present approved the minutes as amended. The minutes will be corrected and redistributed electronically by Loanna Overage to SP77 members and physically by Wayne Holland to the SP77 Sub-Committee members attending the meetings scheduled for the following day.

6. SP77 Active Subcommittee Reports

SP77.14.01 - Steam Turbine Controls - Denny Younie

SP77 Co-Chair Wayne Holland said that Denny Younie was not able to attend today's SP77 Committee meeting. In the absence of Denny Younie, Wayne Holland read the following from the SP77 meeting minutes from the 27 April 2004 meeting held in Long Beach. Wayne said that less than six weeks had transpired since the Long Beach meeting and was not aware of any additional developments since that time. From the SP77 meeting minutes from 27 April:

“The SP77.14.01 Steam Turbine Controls Subcommittee last met on Tuesday morning, 21 October 2003, during the ISA EXPO 2003 in Houston, TX. Denny reported that Cyrus Taft was the only one to turn in a writing assignment since the June 2003 meeting held in Williamsburg. Denny also reported that most of the effort expended at the meeting in Houston was to add clarity to the overall structure of the standard with a focus on the Modes of Operation section (section 4.2). Denny said that to make progress on this standard, an outline for future Standards was discussed with the following agreed to:

- SP77.14.01 - Reheat and Non-Reheat
- SP77.14.02 - Independent Electronic Overspeed Protection
- SP77.14.03 - Auxilliary Turbine
- SP77.14.04 - Controlled Extraction Turbine

Denny said that Draft 5, dated June 2003, of the SP77.14.01 Standard, is the current version of the Standard and that he had marked this copy to reflect the revisions made to it in Houston on 21 October 2003. Cyrus’ writing assignment had not yet been incorporated into the body of the standard.

Denny had also reported that the SP77.14.01 Standards Sub-Committee was scheduled to meet in Long Beach during the ISA’s President’s Spring Meeting, immediately following the SP77 meeting on 27 April.

Wayne Holland said this status update did not include any progress made at the SP77.14.01 meeting held on 27 April 2004, in Long Beach. Wayne Holland said the SP77.14.01 Sub-Committee will meet on 10 June 2004. Robert Hubby stated that he has written a proposal to incorporate the above proposed structure for future SP77.14 standards back into the current SP77.14 draft. Bob said this will be one topic discussed at tomorrow’s meeting of SP77.14.01.

SP77.20.01 - Simulators-Functional Requirements Reaffirmation - Alex Lekich & Allan Zadiraka

Alex Lekich and Allan Zadiraka were not available when the status update of SP77.20.01 was reached on the agenda. Allan joined the meeting somewhat later. The following excerpt from the minutes of the SP77 Committee meeting held on 27 April 2004 in Long Beach was read by Wayne:

“Allan Zadiraka, SP77.20.01 Subcommittee Co-Chair, reported that SP77.20.01 met on the afternoon of 19 October 2003, in Houston, TX, during the ISA President’s Fall Meeting, immediately after the SP77 Committee meeting was held. Both Alex Lekich and Allan Zadiraka were present at that meeting. Allan said that the decision was made at this meeting to proceed with the reaffirmation of the Standard as is. A letter was to be sent to Dan Lee to inform him of the Sub-Committee’s intention to incorporate his comments into a future revision of this document. Allan said there was some discussion to conduct a web conference meeting to increase participation. Allan was not aware if Loanna had received enough ballots to close the reaffirmation process and if so, had sent the necessary paperwork to ANSI. Wayne said he believed the final extended deadline for the submittal of the Standard for reaffirmation was around the middle of May.”

Loanna Overage reported that the letter was sent to Dan Lee who changed his vote and we now have enough votes to close the ballot. However, we have passed the ANSI deadline for submission. Loanna will re-file the paperwork with ANSI after sending the document through the ISA Review process and S&P Board approval process.

SP77 Co-Chair Wayne Holland reported that SP77.20 is scheduled to meet on Thursday, 10 June. Wayne said that both Alex Lekich and Allan Zadiraka were expected to be in attendance and co-chair the meeting.

SP77.40.01 WG1 - Functional Control Diagramming - Dan Lee

SP77.40.01 Sub-Committee Chair Dan Lee reported that the SP77.40.01 working group held a meeting on 20 October 2003, at the ISA 2003 Fall Conference in Houston. Since October 2003, the working group held three one-hour web conferences meetings in February, April, and May of 2004 to prepare and review drafts of the technical report. All minutes and drafts are on the committee web site. Currently, the committee is working on Draft 6. The committee’s work is proceeding quite well although the committee chair needs to silicate Foundation Field Buss and IEC/ISO members’ input. The committee’s next meeting will be held 10 June 2004.

SP77.41.01 - Boiler Combustion Controls Standard Reaffirmation - Gordon McFarland

Gordon McFarland, SP77.41.01 Sub-Committee Chair, reported that the SP77.41.01 Sub-Committee met in Long Beach on 27 April 2004 to address one item: to reach consensus on the B.2 Drawing in the B.7 Furnace Pressure section. This is the drawing for the “typical furnace pressure control functional diagram”. Gordon said he was not able to attend this SP77.41.01 Sub-Committee meeting. Wayne Holland chaired the meeting in his absence. Wayne said that a consensus was reached regarding the drawing in question in Long Beach. Gordon said that a brief meeting of SP77.41.01 was planned for 10 June to review the revisions made in Long Beach to the drawing in question. Gordon said this was the only activity planned and he
expected a brief meeting, Gordon said that he would forward all the SP77.41.01 Standard documentation to Loanna O’vercash so that Loanna could proceed with the reaffirmation process for this Standard. The next step will be balloting by the SP77 Committee.

TR 77.42.02 - Boiler Feedwater Controls-Drum Level Measurement - Randy McSpadden

Randy McSpadden, TR 77.42.02 Sub-Committee Chair, reported that he will conduct a TR 77.42.02 Sub-Committee meeting immediately following the SP77 41.01 Sub-Committee meeting scheduled on 10 June. He will distribute the latest draft of the technical report at that time. Randy said the TR 77.42.02 Sub-Committee did not meet in Long Beach, California during the 2004 ISA President’s Spring Meeting.

TR 77.60.04 - Human-Machine Interface - Bob Hubby

Bob Hubby, TR 77.60.04 Sub-Committee Chair, reported that the reaffirmation process for SP 77.60.04 was complete and has been processed by ISA and sent to ANSI for reaffirmation. Bob said that no further meetings for SP77.60.04 are planned in the near future.

SP77.70.01 - Instrument Piping Standards - Goray Mookerjee

Goray Mookerjee, SP77.70.01 Sub-Committee Chair, was not present at the SP77 Committee meeting. SP77 Co-Chair Wayne Holland reported the SP77.00.01 Sub-Committee will meet on Thursday, 10 June and will discuss the formal reply to Dr. Altcheh’s negative ballot. Wayne said that Goray was scheduled to arrive later this afternoon from Detroit and should be available to chair the SP77.00.01 Sub-Committee meeting scheduled for tomorrow afternoon.

Wayne said that due to the slow response in resolving the negative ballot received from Dr. Altcheh, that the ANSI deadline for reaffirmation for this standard had probably been missed. However, the SP77 Committee felt this was a good standard to retain and was worth approving as an ISA standard and re-filing with ANSI for accreditation.

SP77.82.01 - SCR Instrumentation and Controls Standard - Cyrus Taft

Cyrus Taft, SP77.82.01 Sub-Committee Chair, reported that the SP77.82.01 SCR Standard Sub-Committee is making progress; however, some author assignments have still not been submitted. A meeting of the Sub-Committee is scheduled for Thursday, 10 June. The inputs received from individual assignments will be reviewed by the Sub-Committee members present at the meeting.

6. Director’s Report

SP77 Managing Director Wayne Holland said that there was no news to report since the SP77 meeting in Long Beach in April. Included below is an excerpt of his Director’s Report from the April 27, 2004, SP77 meeting minutes:

“Wayne Holland, S&P Board Managing Director and Co-Chair of SP77, reported that he had attended the Sunday, 25 April 2004 S&P Board meeting held in Long Beach during the ISA’s 2004 President’s Spring Meeting. Wayne said that he usually would try to summarize the S&P Board meeting issues that directly affected the SP77 Committee and the SP77 Sub-Committees, and present those at the SP77 meeting. Wayne said that we were very fortunate to have Lois Ferson, ISA Manager of Standards & Practices and Publication Services with us this morning, and asked Lois if she would discuss the issues from the S&P Board meeting that was held on 25 April.”

“Wayne reiterated that the Standards Member Benefit item is now a non-issue. Wayne said the Standards M ember Benefit was essentially a “M ember Non-Benefit”, as Bob Hubby had once so eloquently and appropriately called it. The idea of having free or low cost limited access to ISA Standards, as a membership benefit, has been priced far beyond the range of what would be considered low or a reasonable cost for most SP77 and POWID members, rendering the Member Standard Benefit as a moot issue, a victim of ISA’s quest to return a financial solid footing.”

“Attached is an ISA Standards email solicitation for the Standards M ember Benefit, dated 1 April 2004. Per the solicitation, “You can access the full library of over 100 ISA Standards and pick 10 to download, view, and print for only $95.” Each subscription purchased lasts for one full year and if you need more than 10, “you can purchase as many subscriptions as you wish”, at $95 per subscription.”

“Wayne reported that Gordon McFarland (also a S&P Board Member) was the only other SP77 member to attend the S&P Board meeting held on Sunday, 25 April in Long Beach. Wayne encouraged all SP77 members to attend future S&P Board meetings as guests, as their schedules permitted.”

Wayne also said that, in addition to the information in the Director’s Message excerpted from the previous SP77 Committee meeting minutes from Long Beach, that when he attended the S&P Board meeting held in Long Beach, the SP84 Committee Managing Director said in his verbal report that they were forming a Standard Committee to evaluate safety for industrial boilers. Whether this overlaps SP77 Standards or more so, NFPA codes, Wayne said was not known. Allan Zadiraka had said that he was familiar with some of the SP84 evaluation efforts in this area and would keep the SP77 Committee apprised of any developments that might impact or conflict with the SP77 Standards. Wayne also said that another item that he reported on at the SP77 Committee meeting held in Long Beach and not reported in the meeting minutes was that Tom M. Caliview, M anaging Director of SP5, had reported at the S&P Board meeting held in Long Beach that a new standard, SP5.7, a “how to” for P&ID development, was to begin soon. Apparently another standards writing organization that was developing standards for P&IDs passed their work on to ISA and this work fit best under the SP5 Instrumentation Symbology Committee. Also, Wayne said that ANSI was auditing ISA for their Standards procedures and had expressed a particular interest in the process of how ISA creates Standards and Technical Reports for trial use.

7. Liaison Reports

SP5.1 Instrument Symbols and Identification Liaison Report

Dan Lee, the SP77 liaison to the ISA SP5.1 Committee, reported the SP5.1 committee has not met in over three years. Dan Lee attended the SP5.0 main
committee meeting held in October in Houston during the 2003 ISA Fall Conference & Exhibit and a SP5.0 committee action item was to prompt the SP5.1 Committee Chair to issue Draft 5 of SP5.1 by February 2004. Dan said that, as of this report, Draft 5 of SP5.1 still has not been issued for review.

N FPA 85 Liaison Report
Dan Lee reported the publication for N FPA 85 2004 Revision has been published and is available for purchase. The N FPA 85 committee plans to meet in the fall of 2004 to start the next revision cycle. Public comments to N FPA 85 can be submitted starting in January 2005. No other information has been distributed.

IEC TC65 WG9 Liaison Report
Dan Lee reported on the status of the IEC TC65 WG9 Committee. The IEC TC65 WG9 committee has not been active in completing their proposed report (Unit Load Control and Fuel/Air Control).

As a member of USNC Expert to IEC/TC 65, Dan said that he has reviewed and balloted on two TC 65 documents listed below:
- TC 65/338 “IEC 61499-1 Function Block, Part 1 Architecture
- TC 65/339 “IEC 61499-2 Function Block, Part 2 Software Tools

Requirements
The TC 65 committee is mostly members of the IEC 1131 (Programming Languages) committee who wrote another standard for Distributed Industrial-Process Measurement and Control Systems. This report basically adds event driven commands to enable synchronization of function blocks in a distributed architecture.

IEEE - Cyrus Taft
No report was given.

ASME - Wayne Holland
No report was given.

ISA SP99 Manufacturing & Control System Security Issues - Bob Webb / David Wade
David Wade was not in attendance and Wayne Holland expressed concern as to whether travel restrictions at TXU will limit his participation in future SP77 meetings. Phil Reeves will check with David Wade as to whether he wishes to continue in this role as liaison so that the committee can assign a new contact if David’s travels are restricted.

Wayne said that as liaison, David was to review all of the SP77 Standards to see if any of these Standards needed an additional paragraph or section incorporated within these to address network Security Issues. David was also to meet with Bob Webb and draft a paragraph or section regarding Security Issues for these Standards. Wayne said that it is the SP77 Committee’s preference that a standardized paragraph or section could be adopted and incorporated into all the SP77 Standards that David identified as affected by network security concerns. Wayne also said that the additional network security wording could probably be best incorporated into existing standards when these standards were up for reaffirmation. The Sub-Committee Chairs for new SP77 standards should check with David Wade to confirm whether their respective Standard would require this network security wording incorporated in the initial draft of the Standard.

Wayne Holland requested that Loanna Overcash obtain the October 2003 and April 2004 minutes of the ISA SP99 Network Security Standards Committee and post them to the SP77 web-page, and notify SP77 members of the posting and how to access the posting.

8. Old Business
Merger of SP77.40 documents
Bob Hubby has merged all of the SP77.40 documents to see if it will be practical to combine them into one comprehensive standard. Right now, nothing has been deleted from any of the standards he is reviewing and Bob is looking for areas that overlap or are repetitive. Combining the standards would cut down on the administrative aspect of having to reaffirm the standards separately. Each document would become its own chapter and retain the current chairman and subcommittee who would be responsible for keeping it up-to-date.

Bob will proceed with the project and report back to the SP77 Committee in October during the 2004 ISA President’s Fall Meeting in Houston as to whether this is a practical undertaking. Bob has recently transmitted the merged SP77.40 documents to several members of the SP77 Committee for their comments but said he had received no comments to date. Feedback received may help determine whether this is a worthy undertaking or not.

9. Time & Date of Next Meeting
SP77 Co-Chair Wayne Holland said the SP77 Main Committee and the active SP77 Sub-Committee Standards meetings will be held in Houston during the period of 3-7 October 2004, during the ISA President’s Fall Meeting and 2004 ISA EXPO. More information will be provided as soon as a schedule is developed and submitted to ISA for their approval. Wayne said that he would make every effort to maximize having as many SP77 Standards committee meetings consecutively scheduled and to avoid conflicts between SP77 Committees, POWID meetings, and POWID program sessions.

11. Adjournment
With approvals received by voice vote, the meeting was adjourned at 3:10 p.m. M DT.
POWID Executive Committee Meeting  
6 June 2004  
Minutes of Meeting

The 137th meeting of the ISA POWID Executive Committee was held on 6 June 2004 in conjunction with the ISA POWID/EPRI 2004 Joint Conference held at the Doubletree Hotel, Colorado Springs, CO.

Attendance:

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<tr>
<th>Members Present</th>
<th>Members Absent</th>
<th>Others Present</th>
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<tr>
<td>Daniel Antonellis</td>
<td>Jim Batug</td>
<td>Ron Hicks</td>
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<td>Don Christopher</td>
<td>Gary Cohee</td>
<td>Don Labbe</td>
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<td>Danny Crow</td>
<td>Dale Evely</td>
<td>Jason Makansi</td>
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<td>Wayne Holland</td>
<td>Bob Hubby</td>
<td>Milton Neher</td>
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<td>Roger Hull</td>
<td>Daniel Lee</td>
<td>Rudy Neustadter</td>
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<td>Gordon MCFarland</td>
<td>Ramesh Shankar</td>
<td>M arland Stanley</td>
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<td>David Roney</td>
<td>Robert Smoak</td>
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<td>Michael Skonie</td>
<td>Tom Stevenson</td>
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<td>Bill Sotos</td>
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<td>Cyrus Taft</td>
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<td>Allan Zadiraka</td>
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I. MEETING CALLED TO ORDER

Wayne Holland, ISA Power Industry Division Director, called the meeting to order at 1:40 p.m. MDT.

Wayne Holland congratulated Don Christopher as the recipient of the 2004 POWID Achievement Award and Dale Evely as the recipient of the 2004 POWID Service Award.

II. INTRODUCTION OF MEMBERS AND GUESTS

Gary Cohee, POWID Secretary and Director-Elect, circulated a meeting attendance list and a POWID update roster.

APPROVAL OF THE PREVIOUS MINUTES

Revision 2a of the minutes of the Power Industry Division Executive Committee meeting held on 26 April 2004, at the ISA 2004 President’s Spring Meeting, Westin Hotel, Long Beach, CA, had been distributed electronically to the POWID ExCom members. The POWID web site www.isa.org/~powid contains a Zip file of the MOMs and attachments, which can be downloaded.

The MOMs were approved as written by voice vote of the POWID ExCom members present.

IV. FINANCIAL REPORT

Roger Hull, POWID’s Financial Chairman (Treasurer) was in attendance.

Roger Hull reported that the POWID division fund balance, as of the end of 31 March 2004 is $50,762.

POWID Director Wayne Holland explained that this balance reflects earnings credited from the ISA POWID/EPRI Joint Conference in Williamsburg, Virginia, during mid-June, 2003.

Wayne explained that as a part of the ISA plan to shift the total cost of ISA staff support services to the Divisions, ISA arbitrarily revised the 2003 Conference budgets to reflect the full burden of ISA staff support services costs and presented these revisions at the ISA President’s Spring Meeting in mid-April of 2003. For POWID, the ISA staff support services for the Williamsburg Conference were budgeted at $47,746 by ISA and when this number was interjected into POWID’s previously approved 2003 Williamsburg Conference budget, the approved budgeted total Conference surplus of $11,775.00 turned into a budgeted deficit of ($25,846.00). To lessen the impact of the projected Division Conference deficits on the Divisions and to compensate for the lack of any advance notice of the Division conference budget revisions, ISA agreed to subsidize these losses based upon the following formula for 2003. “If the total conference deficit is reduced, a Division gets to keep 75% of the amount it is reduced.” “If the total conference deficit increases, ISA national will absorb the increase.”

In succeeding years, ISA plans to proportionately reduce the 75% subsidy. Based upon POWID’s surplus earnings of $18,861 for the 2003 Conference and ISA’s rule on improving the bottom line over the ISA projected Conference deficit, POWID was credited 75% of the difference between the actual 2003 Conference earnings of $17,950 (as of December 31, 2003), and the projected (budgeted) deficit of ($25,846) or, in terms of dollars, $32,847. The ISA Financial Statement for the annual period ending 31 December 2003 only reflected POWID’s actual earnings. After some discussions, ISA’s Treasurer, Leo Staples, agreed to include the ISA subsidy of $14,897, and the revised 31 December...
2003 financial report reflected the full amount of the $32,847, which included the $14,897 subsidy for Conference budget performance improvement. POWID extends its many thanks to Leo Staples for honoring ISA's commitment to its Divisions.

Wayne noted that the part of Division dues that POWID is credited with (the total amount of $7.00 per Division member in 2003 and currently is $9.00 per Division member) just covered normal Division operating expenses in 2003. In 2004, we are forecasting a deficit of $16,116, which does not include a budgeted loss of ($23,521) from our 2004 ISA POWID/EPRI Joint Conference in Colorado Springs (ISA created this Conference budget and presented it at our meetings held in M emph in April of 2003 and it too reflected all of the overhead burdened ISA staff support costs, as did the 2003 Conference budget).

Roger Hull reported the ISA Division Scholarship Endowment Fund balance sheet shows a balance of $88,642 for POWID as of 3/31/2004. To date, these funds have not been utilized for POWID scholarship awards. The 2004 scholarship associated with the POWID 2004 Achievement Award ($4,000) will be funded from this ISA Division Scholarship Endowment Fund. POWID scholarships associated with previous POWID Achievement awards and not yet disbursed will be funded from the POWID Division operating (Reserve) fund.

VI. COMMITTEE REPORTS
a. SP67 Nuclear Power Plant Standards Committee

Bill Sotos, Chairman of SP67, was present at the POWID Executive Committee meeting and provided a written report.

The SP67 Standards Committee last met on 21 October 2003 in Houston, Texas, during ISA EXPO 2003. The primary focus of the meeting was to discuss the status of SP67 Sub-Committee SP67.03 and an ongoing issue with the Nuclear Regulatory Commission regarding the calculation of allowable values that SP67.04 is addressing. All other SP67 Sub-Committees are currently inactive.

The ISA SP67 Committee will meet this week in Colorado Springs on 9 June 2004 after the Conference paper sessions are over.

b. SP77 Fossil Fuel Power Plant Standards Committee

Wayne Holland, Co-Chairman of SP77, submitted a written report for SP77. The report submitted by Wayne was the minutes from the SP77 meeting held on 27 April 2004 at the ISA President's Spring Meeting held in Long Beach, CA. The minutes include summaries of the status of the SP77 active Sub-Committees.

Wayne also reported that for the SP77 committees scheduled to be held in conjunction with the ISA POWID/EPRI Joint 2004 Colorado Springs Conference:

- SP77.0: SP77 Main Committee
  - Committee Chair: W. Holland/D. Lee

- SP77.14.01: Steam Turbine Controls
  - Committee Chair: D. Younie

- SP77.20/21: Simulator Standards
  - Committee Chair: A. Lekich/A. Zadiraki

- SP77.40.01: Functional Control Diagramming
  - Committee Chair: D. Lee

- SP77.41.01: Boiler Combustion Controls
  - Committee Chair: G. McFarland

- TR77.42.02: Boiler FW Drum Level TR
  - Committee Chair: R. McSpadden

- SP77.70.01: Instrumentation Piping
  - Committee Chair: G. Mookeejee

- SP77.82.01: SCR Controls Standards
  - Committee Chair: C. Taft

c. Honors & Awards

Michael Skoney, the POWID Honors and Awards Chairperson, was present at the POWID Executive Committee meeting held in Colorado Springs.

Michael Skoney reported the following POWID awards to be given at the POWID Honors & Awards Program to be held 7 June 2004 at the Colorado Spring POWID/EPRI Symposium:

- POWID 2004 Achievement Award to Don Christopher of Reliant Energy.
- POWID 2004 Outstanding Service Award to Dale Evely of Southern Company.
- POWID 2004 Facilities Award to M onticello Plant of TXU Energy.
- POWID 2004 Outstanding Individual Award to Dale Evely at the ISA A&T and I&S Department Honors and Awards Luncheon scheduled during the ISA 2004 President's Fall Meeting/ISA 2004 EXPO Conference & Exhibit in Houston, Texas, the first week of October.

Wayne Holland also noted that he wanted to re-present the plaques for the POWID 2004 Achievement Award to Don Christopher and the POWID 2004 Outstanding Service Award to Dale Evely at the ISA A&T and I&S Department Honors and Awards Luncheon scheduled during the ISA 2004 President's Fall Meeting/ISA 2004 EXPO Conference & Exhibit in Houston, Texas, the first week of October. Wayne said that he would also cite the POWID 2004 Facilities Award recipient and the 2003 POWID Programs Best Technical Papers at this event. This is an effort to gain more exposure and recognition for the POWID award recipients with the other ISA Divisions' leadership.

d. Newsletter

Dan Antonellis, POWID Newsletter Editor, was present at the POWID Executive Committee meeting held in Colorado Springs.

Dan submitted a written report, which includes the following:

The Spring 2004 POWID Newsletter copy was electronically mailed to ISA Headquarters for publication on 27 February 2004. ISA printed and distributed by paper mail the POWID Newsletter What's Watt in April 2004. The newsletter contained the following main sections:

- Director's Message
- Future ISA/POWID International Conferences
- ISA POWID/EPRI Conference 2004 Preliminary Program
- ISA POWID/EPRI 2004 Conference Hotel and Colorado Springs Area Facts and Attractions
- ISA Expo 2004 POWID Sessions Announcement
- POWID Executive Committee October 2003 Minutes of Meeting held in Houston
• Power Industry Division List of Officers and their Contact Information
• ISA Training Advertisement

The POWID Summer 2004 newsletter is planned to be started after the June 2004 POWID Executive Committee meeting held in conjuction with the 14th Annual Joint POWID/EPRI Conference in Colorado Springs, CO. Dan said he anticipated an electronic copy to be mailed to ISA Headquarters by approximately mid-July 2004; and the publication and electronic distribution of the newsletter is expected in early September 2004. Subsequent to the POWID ExCom Meeting, Dan Antonellis and Wayne Holland met to discuss the final content of the POWID Summer 2004 Newsletter. The consensus was to include a one-half page ad for each of the four key contributors to the 2004 Joint ISA POWID/EPRI Conference in Colorado Springs at no charge in addition to including a solicitation for ads in future POWID newsletters in an effort to generate revenues to cover the cost of publishing all future newsletters in paper format with distribution by mailing.

e. Publicity
Joe Vavrek, Publicity Chairperson, was not in attendance at the POWID Executive Committee meeting in Colorado Springs. Joe submitted the following report by E-mail:
The following is the publicity to date on the ISA POWID/EPRI 2004 Joint Conference—Colorado Springs:
• Sent broadcast emails to appropriate target audience in Feb, Mar, Apr, and will run another one in May
• Mailed 3,500 Advance Announcements
• Run an ad in ISA’s InTech Magazine
• Prepared a press release to run in industry periodicals
• Placed full color ad in POWER Magazine and expect an accompanying article (watch for the next issue!)
• Extensive coverage in ISA’s April News & Views (as part of a feature article on ISA Division symposia)
• Mailed 2,000 prospectuses to potential exhibitors/sponsors
• Coverage in ISA’s Email News & Views
• Robust ISA POWID Website Presence

• ISA mailed 5,000 Preliminary Programs about the end of April.
• Discussing other possible promotional ideas with Power M magazine. Viena Margulies (Sales & Marketing) will attend our Conference. We will have an opportunity to discuss this further (for next year’s conference) with her.

It was also noted that the 5,000 Preliminary Programs that were to have been set out at the end of April were received by very few POWID Executive Committee members. After some discussions as to what went wrong with the process, it was determined that the mailing lists used were shortened by ISA staff in an effort to reduce some duplication and to cut some of the mailing expenses. Unfortunately, it now appears that many names were dropped and the Conference General Chair and Program Chair had not been informed nor had the opportunity to review the final mailing list for the Preliminary Programs. It now appears that the mailing of the Preliminary Programs did not reach many if not most of the individuals that frequently attend the Joint POWID/EPRI Conferences. For future Conferences, the Conference General Chair and/or Program Chair must have the opportunity to review the mailing lists used by ISA staff to promote the Conference.

f. Membership
Danny Crow, POWID Membership Chairperson, was in attendance at the POWID Executive Committee meeting held in Colorado Springs. Danny did not submit a report.

Wayne Holland noted that POWID membership was 2,038 as of 31 December 2003. Membership was down from the reviewers.

Lastly, Don congratulated Cyrus and Joe for pulling together this large number of quality papers. The average score was 10.2 on a scale of 13 with a large number of highly favorable comments from the reviewers.

g. Editorial Review
Don Labbe, the POWID Editorial Review Chairperson, was not in attendance at the POWID ExCom meeting held in Colorado Springs, but did submit a status report on the ISA POWID/EPRI 2004 Joint Colorado Springs Conference paper review.
The following is a summary of Don’s report:
• 43 Papers were submitted for review.
• 42 Papers were accepted (one paper was resubmitted and accepted following an initial rejection).
• 33 Accepted Papers had the reviews completed at least 1 week prior to the CD deadline and are assumed to be on the CD.
• 9 Papers were submitted very late and these reviews were not completed prior to the CD deadline and paper copies should be provided at the sessions.
• 90 Reviewers were involved in the review process.
• 1230 Email transactions were undertaken to support the reviews.

Don wanted to thank to Bill Palmer, Cyrus Taft and the session developers for coordinating the submittal of the draft papers for review. Don offered a special thanks to the POWID ExCom members who provided multiple reviews of the papers.
h. Historian

Bob Webb, the POWID Historian, was not in attendance at the POWID ExCom meeting. Bob did not submit a written report.

Don Christopher said he had some POWID history information that he would try and get into electronic format that could be posted on the POWID web site. It was generally felt that much of the POWID historical data should be organized and categorized in a logical electronic format and be accessible from the POWID web site as a menu click-on address.

i. Nominating

Gordon McFarland, Nominating Chairperson (as past POWID Director), was in attendance at the POWID ExCom meeting.

Wayne Holland reported that Gary Gipson, TVA, resigned from the POWID ExCom and as the General Chair for the ISA POWID/EPRI 2005 Joint Conference in Nashville.

Gary Cohee confirmed that with Gary Gipson’s resignation, from the POWID ExCom, the POWID membership roster currently reflected 30 members. The ISA POWID MOP (M anual of Procedures) states that the membership should consist of 32 members, of whom eight should be vendors, eight should be A/Es, and 16 should be utility members.

Phil Reeves of Honeywell and Jim Olson of Tennessee Valley Authority were both recommended for membership to the POWID ExCom by Denny Younie. As the Nominating Chair, Gordon McFarland placed these two individuals before the POWID ExCom for membership consideration and briefly reviewed their qualifications from their submitted resumes. POWID Director Wayne Holland asked for a motion to approve either or both candidates. By voice vote of the POWID ExCom members present, the motion was approved.

j. Long Range Planning

Ron Hicks, POWID’s Long Range Planning Committee Chairperson, was not in attendance at the POWID ExCom meeting. Ron did not submit a written report.

Wayne Holland conducted the POWID Long Range Planning Committee meeting in Ron’s absence. The following items were discussed at the LRPC meeting held earlier and were brought before the POWID ExCom by Wayne Holland:

1. 2008 POWID Conference Site

The POWID LRPC recommended that Phoenix, Arizona, be the 2008 POWID/EPRI Joint Conference site. Wayne Holland made a motion for the POWID ExCom to accept this recommendation. By a voice vote of the POWID ExCom members present, the motion was approved.

2. POWID Conference Europe - POWID Director Wayne Holland said the issue of the support of a program at this Conference was included as an “Old Business” agenda item and that discussion on this item be deferred to its place on the POWID Executive Committee agenda.

3. Attracting a Broader Participation of Management at POWID/EPRI Joint Conferences

There was some discussion on this topic on how the POWID/EPRI Joint Conference could be broadened in its appeal to attract management from the various organizations within the Power Industry without broadening the Conference to a point where the “bread and butter” non-management technical types who typically attend would be “turned-off” and discouraged to attend future events. It was noted that a session had been dedicated to the ISA Management Division for industry/business/management topics at the POWID/EPRI 2001 Joint Conference in Orlando. In addition, there was a session also dedicated to power related topics within the Pulp & Paper Industry that was sponsored by the ISA Pulp and Paper Industry Division. The results of these efforts to broaden the POWID/EPRI 2001 Joint Conference by its General Chair, Ron Hicks, were not quantified and efforts to continue with a diversification of the technical program with similar sessions did not carry over to the POWID/EPRI 2002 Joint Conference in San Diego, for various reasons. As the discussions were not generating any solid recommendations or motions, POWID Director Wayne Holland requested, in the interest of time, to table and defer this discussion to our next POWID ExCom meeting scheduled for Houston in early October, and ask those in attendance to come up with some ideas on how to expand the presence of management types at our joint annual conferences. It is the general belief that Ron Hicks has some fresh ideas to present and these should be raised at our next POWID Long Range Planning Committee meeting in Houston.

4. POWID Conference Name Change

It was discussed that the POWID/EPRI Joint Conference name did not reflect that this is primarily a power generation conference on instrumentation, controls, and power plant automation for fossil and nuclear power plants. A name that would give a potential attendee a better understanding of the conference program content and focus was needed. A motion was made by Danny Crow to go out to the POWID membership and solicit a new conference name by offering $200 to the person who comes up with a new name that is accepted by the POWID ExCom. The motion was approved by a voice vote of the POWID ExCom members present. A ballot was created to be distributed to conference attendees and to be published in the POWID 2004 Summer Newsletter.

5. ISA Divisions New Venture Initiatives

Director Wayne Holland deferred the discussion of this topic to the “New Business” Section of the Agenda. The item had been included as an agenda item in Section VIII d. of New Business.
k. **Web Page**

Gary Cohee, POWID WEB Page Coordinator, was present at the POWID Executive Committee meeting in Colorado Springs.

Gary reported the statistics for the POWID Web site, as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Hits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999</td>
<td>643</td>
</tr>
<tr>
<td>2000</td>
<td>1647</td>
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<tr>
<td>2001</td>
<td>1748</td>
</tr>
<tr>
<td>2002</td>
<td>2222</td>
</tr>
<tr>
<td>2003</td>
<td>1728</td>
</tr>
<tr>
<td>2004</td>
<td>600</td>
</tr>
</tbody>
</table>

Gary reported the link to the 2004 POWID Colorado Springs Conference WEB page is www.isa.org/powersymp. This link will stay in effect for future conferences.

Gary also noted that if any POWID ExCom members had information they wanted to display to the POWID membership, all they needed to do was send that information to him in electronic form, and he would post this information on the POWID web page. POWID Director Wayne Holland suggested that some of the POWID historical information, such as the POWID Achievement Award, Outstanding Service Award, and Facilities Award recipients be listed on the POWID web page in addition to a listing for the POWID past Directors and past annual Conference site locations.

l. **Professional Development**

Tom Stevenson, Professional Development Chair, was in attendance at the ISA POWID ExCom meeting in Colorado Springs. Tom did not submit a written report.

Tom is providing PDH certificates for this year’s conference.

Denny Younie and Cyrus Taft noted that they wanted Tom to coordinate and play a greater role in the training sessions for the ISA POWID/EPRI 2005 Joint Conference in Nashville. Tom agreed to do this and said that he would work closely with Denny and Cyrus on the 2005 Nashville Conference Training Program. Michael Skoncey also said, as the General Chair of the ISA POWID/EPRI Conference in Pittsburgh in 2007, that he also wanted to work with Tom to develop a training program for this conference.

m. **Section/Division Liaison**

Bob Hubby, POWID Section/Division Liaison Chair, was in attendance at the ISA POWID ExCom meeting. Bob submitted a written report by email. Excerpts from this report regarding an update of the ISA Section/Division Liaison List follows:

- Update of section division liaison resource list provided to the District 1 Leadership Development Conference; all resources are now available by web links.
- Resource List (10 items) for the District 1 Leadership Conference
  - 1. ISA Brochure “Automation & Control Solutions” - ISA’s comprehensive collections of technical articles according to technical topic - a subscription service http://www.isa.org/Template.cfm?Section=Technical_Papers&Template=/customsource/isa/Storentro/technicalpapers.cfm
  - 2. Division newsletters - all contain best technical papers - use this as a section programming resource. All division newsletters can be found on the web at each division’s homepage - but access is restricted to division members. Main division web page:

  http://www.isa.org/Template.cfm?Section=Divisions&Template=/Content/ContentGroups/Navigation_MultiUse_Content/Divisions.htm&ContentID=10384

  3. ISA Publications and Standards Catalog - a listing of current available standards. Presentation of a critical standard could be used as a section programming resource.

  http://www.isa.org/Content/ContentGroups/MultiUse/ISA_Catalogs.htm

  4. ISA TechNetwork a sections source for books, standards, technical papers, training, CDs, conferences and communities of practice. Collection of newest books and standards- new and notable book page would have the same information: www.isa.org/books

  5. Instrumentation, Systems and Automation continuing education and training M arch-December 2004, and is available for download at www.isa.org/training

  6. ISA Training Institute Regional Course Catalog - Regional course catalogs are not available online, but searching by region at http://www.isa.org/Template.cfm?Section=Education_and_Training&template=/TaggedPage/LocationAlphaOrder.cfm&ICID=1

will accomplish a regional schedule.

7. The Power Industry Division Website: www.isa.org/~powid. This web site contains power industry division papers back to 1999. Site also includes a list of all active SP77 Fossil Power Plant Standards Committees and all active SP67 Nuclear Plant Standards Committees.

8. Analysis Division, Aerospace Division web sites (get there through the divisions list) list all proceedings available through the ISA bookstore. All divisions are listed with hyperlinks at: http://www.isa.org/Template.cfm?Section=Division_List


10. Systems Integration Community Update - 22 April 2003 - e mail sent: Tuesday, 22 April 2003 7:46 a.m.- included below in its entirety to provide the hyperlinks.

Systems Integration Community page: http://www.isa.org/Template.cfm?Section=Communities&template=TaggedPage/Community.cfm&ICID=44&PageName=Systems%20Integration

VII. **OLD BUSINESS**

a. EPRI/ISA POWID Long Term Relationship/Conference Co-Programming

Danny Crow, the ISA POWID / EPRI Relationship Sub-Committee Chair, and Ramesh Shankar, our primary EPRI contact on the POWID Board, were present at the POWID ExCom meeting. POWID Director Wayne Holland reported that the “EPRI/ISA POWID Memorandum of Understanding” was a completed document that had been approved during our 15 June 2003 POWID ExCom meeting held in Williamsburg, VA. Wayne mentioned the document still needed signatures and that he would contact Ramesh about obtaining the EPRI signatures and Bill Palmer about obtaining the ISA signatures. Wayne indicated that Bill Palmer would receive the ISA original signature document. Wayne would like to have an electronic scanned copy of that document placed on the ISA POWID web site, and a copy sent to Robert Webb, POWID historian.
Wayne said that the EPRl/ISA POWID Memorandum of Understanding should serve as our reference document for future POWID/EPRI Joint Conferences, beginning with the 2004 POWID/EPRI Joint Conference in Colorado Springs.

b. POWID Membership Survey for Membership Satisfaction and Needs

Wayne requested Kristy Becker to place copies of the survey form in the final program to be distributed at our upcoming ISA POWID/EPRI Joint Conference in Colorado Springs and some extra copies be placed on the registration desk at the Conference.

c. Available POWID Scholarships

Mike Skoncey was in attendance at the Colorado Springs POWID ExCom meeting.

Mike reported that scholarships yet to be given that are to be selected by the following recipients of past POWID Achievement Awards are:
- Ron Hicks 2000 - $4,000
- Jim Batug 2002 - $4,000
- Frank Ryan 2003 - $4,000
- Don Christopher 2004 - $4000

Wayne Holland noted that of the four outstanding scholarships associated with the POWID Achievement Award recipients, the financial obligations of the scholarships associated with the 2000, 2002, and 2003 award recipients must be paid from the POWID operating fund balance whereas the scholarship associated with the 2004 POWID Achievement Award can be paid using the interest earned in the ISA Division Scholarship Endowment Fund, debited to the ISA POWID operating fund balance, or a combination of both.

d. Forming POWID Alliances Survey

Ron Hicks had previously volunteered to develop a survey and email the survey to ISA POWID ExCom members to gain insight into the type of alliances with other entities that the Executive Committee members wanted to see. Ron was not in attendance at the POWID ExCom meeting held in Colorado Springs, and submitted no written report. The consensus was that Ron needed to develop the survey and distribute it to POWID Executive Committee members as a first step.

e. POWID Representative on ISA Committee for DOE Partnering

At the POWID ExCom meeting held during the ISA POWID/EPRI Joint Conference in Williamsburg in June of 2003, Jim Pearson, ISA Executive Director, made a request for POWID representation on a Department of Energy’s “Industries of the Future” Committee. This is through the DOE’s Office of Industrial Technology. At the Williamsburg POWID ExCom meeting, Tom Stevenson said he would be willing to sit on the committee. Ramesh Shankar is already on the committee as an EPRI representative, and at the Williamsburg POWID ExCom meeting, said he would also be willing to represent POWID.

Tom reported at our POWID ExCom meeting held in Long Beach that he had not been contacted by anyone at ISA or the DOE regarding participating on any DOE/ISA committee.

Since Jim Pearson has left ISA, and since Jim appeared to be the main sponsor and interface between ISA and the DOE, the status of any future participation by Tom and Ramesh is unknown. Bill Palmer, ISA Division Support Staff, has committed to investigate. There has still been no response from Bill.

f. POWID Conference Support Services Review Committee

A committee “POWID Symposium Support Services Options Review Sub-Committee” was formed to explore POWID Conference support services options during our POWID ExCom meeting held in Williamsburg, VA, in mid June of 2003. The Chairman is Roger Hull. Other Sub-Committee members are Ramesh Shankar, Bob Szczerbicki, Bob Hubby, David Roney and Jim Batug, and also Bill Palmer from ISA Headquarters.

Roger, as the Committee Chair, gave a summary report of the discussions that took place during the meeting of the POWID Conference Support Services Review Committee that took place earlier in the morning.

Roger summarized that this POWID Sub-Committee met in Colorado Springs prior to the POWID ExCom meeting. Bill Palmer was not present but the spreadsheet he had provided to Ron Hicks in mid-November, 2003, on ISA Staff support cost breakdowns for the.

ISA POWID/EPRI 2005 Joint Conference in Nashville was discussed.

Roger said that Kristy Becker, ISA Staff Conference Coordinator for the Colorado Springs POWID/EPRI Joint Conference, was present and the email she had sent to Denise Younie listing items required for conference preparation and execution performed by the ISA Staff Conference coordinator was copied, distributed, and discussed by those present. Roger said that Kristy noted she would not be the ISA Conference Coordinator for next years’ Nashville Conference. She said she would pass on relevant information to the person that was selected by ISA to be the Nashville 2005 Joint Conference ISA coordinator and assist that person for a good transition.

At the POWID Conference Support Services Review Committee meeting, Wayne Holland said that due to the long lead time required to evaluate conference staff support services and negotiate contracts, ISA would, by default, have to provide the Conference staff support services for our ISA POWID/EPRI 2005 Joint Conference in Nashville. For our ISA POWID/EPRI 2006 Joint Conference to be held in Las Vegas, Wayne said we were not locked in with ISA to provide our Conference staff support services. Roger said that the consensus of the POWID ExCom members attending the POWID Conference Support Services Review Committee meeting was that the Conference General Chair should have a large say in the matter of which group provides the Conference staff support services, subject to the approval of the POWID Executive Committee. It was also felt that the POWID Conference General Chair needs to begin this process early as the Conference budget needs to be prepared in the early part of the year before the year of the Conference. And before that effort, a preliminary evaluation of Conference potential host hotels needs to be made. For Las Vegas Conference in 2006, the preliminary Conference hotel search could/should begin as early as this fall. Before that time a decision should be made as to whether the hotel search and contract negotiations should be done by ISA or perhaps by an outside provider of conference support services, as most providers of this service want to
bundle the hotel contract negotiations with their other proposed conference services. It is felt that these issues needed to be addressed at the 6 June POWID Sub-Committee meeting, and that Bob Webb, the POWID General Chair for ISA POWID/EPRI 2006 Joint Conference in Las Vegas, needs to be in attendance if Bob wants to consider any other provider of Conference support services other than ISA.

Roger said given the need to make a decision regarding the support services for our ISA POWID/EPRI 2006 Joint Conference in Las Vegas and begin a hotel search so that preliminary results could be presented at our next POWID ExCom meeting (in early October at the ISA President’s Fall Meeting in Houston), the POWID Conference Support Services Review Committee approved a recommendation to the POWID Executive Committee to use ISA as the provider of support services for the ISA POWID/EPRI 2006 Joint Conference in Las Vegas. As a result, Roger made this recommendation to the POWID Executive Committee in the form of a motion. After some discussion by the ExCom members present, the motion was approved by voice vote. Wayne Holland noted that if this vote by the POWID Executive Committee was inconsistent with the Conference General Chair’s desire for using someone other than ISA for these conference support services, then this decision could be reopened for discussion at our next POWID ExCom meeting scheduled in October at ISA 2004 EXPO in Houston, since Bob Webb was not in attendance to present his views. Wayne said that he would alert Bob Webb to this decision and ask Charlotte Clayton to begin a preliminary hotel search in Las Vegas and report back to the POWID Executive Committee at our October meeting in Houston.

g. POWID Organizational Structure Review Committee

The POWID Organizational Structure Review Sub-Committee Chairman is Gordon M. CFarland. Other committee members include Cyrus Taft, Dan Lee, and Ron Hix.

Dan Lee sat in as acting Chair for Gordon M. CFarland, who was not present, at the POWID Organizational Structure Review Sub-Committee meeting held on 6 June prior to the POWID ExCom meeting and the POWID Long Range Planning Committee meeting.

The task for the Organization Review Committee is to prepare duties for new/existing positions for the POWID Executive Committee to approve. To complete this task the POWID Organization Structure Review Committee worked to update the POWID M.O.P. Dan Lee provided an updated status of the current POWID M.O.P draft. The draft update included revisions made by Gordon M. CFarland and Dan Lee based on author assignments from the committee meeting held in Houston on 19 October 2003. Draft changes include:
1) Changes incorporated from the Houston 19 October 2003 Committee meeting
2) Symposium Table and corresponding text
3) Moved appointments to Section 4.3 to review readability
4) Created document sections to match new organization chart
5) Limited the numbering scheme to four (4) digits
6) Removed appendix items:
   a. Current POWID Sub-committees (S77 and S67)
   b. Current POWID Executive Committee
   c. POWID Facilities Award Nomination Award
   d. Past POWID Conferences
   e. Past POWID Achievement Awards
   f. Past POWID Facilities Awards
   g. Past POWID Directors
7) Incorporate POWID Executive Committee member comments

The POWID Organizational Structure Review Committee members reviewed the POWID Executive Committee organizational chart and discussed in detail specific roles.
1) Symposium General Chair - Duties have been reviewed by two past General Chairs and their comments were incorporated. Added the past General Chair as an advisor with a two year assignment. Position duties status is considered accurate.
2) Paper Review Chair - Duties were updated per current practices and reviewed by current Paper Review Chair. Position title was changed to Coordinator and a suggestion was made to state as a two-year assignment. Position duties status is considered accurate.
3) Host Chair - Position has not been filled but committee members felt that duties should be kept as an option for the Conference General Chair. Position title was changed to Coordinator.
4) Publicity Chair - Position duties have not been modified. Position title was changed to Coordinator. These revisions need to reviewed with Joe Vavrek.
5) Exhibit Chair - Duties as defined are necessary but members did not believe a separate chair is needed. For the last two conferences, the conference coordinator (ISA) performed these tasks. Position duties will be moved to the Conference Coordinator and marketing functions will be included in the Conference General Chair position description.
6) ISA Staff Support - Duties have been reviewed and comments were incorporated. Duties status is considered accurate. The name ISA Staff Support will be changed to Conference Coordinator.
7) ISA Fall Event Program Coordinator - The position duties from Wayne Holland’s memo of 3 June 2004 to Joe Vavrek will be incorporated into the M.O.P. The position duties will be reviewed again later.
8) SP67 Chair - Position duties were discussed with Bill Sotos but issues need to be discussed with the SP67 committee. Dan Lee will follow-up with Bill
9) SP77 Chair - Position duties have not been modified. Wayne Holland will review and submit comments.
10) Communication Coordinator - Based on discussion during the POWID Organizational Structure Review Committee meeting in Long Beach in late April of 2004, the Committee members felt another position will not improve the communications within the Division. Committee members felt that the Director-Elect/Secretary should be responsible for coordinating the communication with the Newsletter Editor, Marketing Coordinator, and Web Master since the POWID Director-
Elect already performs many of these communication tasks. The POWID organizational chart will be updated and the POWID Director-Elect position duties will be updated.

11) Newsletter Editor - Position duties have not been modified.

12) Publicity Chair - Position duties have not been modified. Position title was changed to Coordinator.

13) Web Chair - Position duties have been reviewed. Position duties are considered accurate. Position title was changed to Web Master.

14) Membership Services Coordinator - Based on discussion during the POWID Organizational Structure Review Committee meeting held in Long Beach in April of 2004, the Committee members felt that the Past Director should be responsible for coordinating membership services. The POWID Executive Committee organizational chart will be updated and the POWID Past Director's duties will be updated.

15) Honor & Awards Chair - Position duties have not been reviewed. The current POWID Honors & Awards Chair will provide comments. Position title was changed to Coordinator.

16) Profession Development Chair - Position duties have not been modified. Position duties are considered accurate. Position title was changed to Coordinator.

17) Membership Chair - Position duties have not been modified. Existing POWID Membership Chair has no comments to the position description currently in the POWID MOP. Duties are considered accurate. Position title was changed to Coordinator.

18) Historian - Position duties have not been modified. Gordon/Dan to discuss with current POWID Historian.

19) Section/Division Liaison - Position duties have not been modified. Existing POWID Section/Division Liaison has no comments. Position duties are considered accurate.

20) Nominating/MOP Chair - The POWID Organizational Structure Committee members combined the nominating duties with the member services coordinator duties. The POWID Past Director will assume the duties of the member services coordinator.

21) Long Range Planning Chair - Position duties have not been modified. Duties are considered accurate. Position title was changed to Coordinator.

22) Director - Position duties have not been modified. Position duties are considered accurate. (Note - Important duties include: business plan, division budget, committee awards)

23) Treasurer - The POWID organization chart did not show the position of Treasurer. Gordon, Dan, and Roger will generate text for future committee member review.

The following author assignments were made:
1) Dan Lee to prepare meeting minutes
2) Dan Lee to update MOP draft
3) Bill Sotos to provide comments for S67 MOP section
4) Wayne Holland to provide comments for S77 MOP section
5) Gordon McFarland/Joe Vavrek to provide comments for Publication Chair
6) Mike Skoncey to provide comments for Honor & Award Chair
7) Gordon McFarland, Dan Lee, & Roger Hull to provide new text for Treasurer
8) Wayne Holland to provide final organizational Structure Committee meeting minutes from meeting held in Long Beach in April of 2004.

The next POWID Organizational Structure Review Committee meeting will be held during the 2004 ISA Fall Event in Houston.

ISA POWID 2005 Division Business Plan
Wayne Holland had previously presented the "Preliminary POWID 2005 Business Plan" he had prepared and sent to Bob Lindeman, ISA I&S Department VP, on 31 March 2004. This preliminary document is subject to review by Bob Lindeman, ISA Staff Personnel, and the ISA Power Industry Division Executive Committee members. This preliminary POWID 2005 Business Plan was also forwarded to POWID ExCom members on 22 April 2004 for their review and discussion at the 26 April 2004 POWID ExCom meeting in Long Beach.

Wayne updated this Preliminary Business Plan with comments he had received back from Dale Evely. Wayne noted the 2005 POWID Business Plan needed to support the 2005 ISA Business Plan.

Wayne made a motion for approval from the POWID Executive Committee of this updated Business Plan. By voice vote of the POWID ExCom members present the POWID 2005 Business Plan was approved.

Wayne had also provided by email to the POWID Executive Committee members for information the "2003 POWID Division Annual Report" which he had submitted to Bob Lindeman, ISA I&S Department VP, on 27 February 2004. Wayne said this report was similar to a corporate annual report and reflected on the Division's performance from the previous year, 2003. The 2005 Division Business Plan is somewhat the reverse of the Division Annual Report as it is a plan for the future. Wayne said the 2003 POWID Division Annual Report is used by ISA, along with other documents, to determine the recipient Division for the "ISA Most Outstanding Division" Award, an award given to one Division in ISA’s A&T (Automation and Technology) Department and one Division in ISA’s I&S (Industries and Sciences) Department. Wayne said he forwarded an updated supplement to the previously transmitted "2003 POWID Division Annual Report" about two weeks later that included the revised 2003 I&S Department Divisions financial statements for the period ending 31 December 2003, as well as revised POWID Executive Committee meeting minutes from our 19 October 2003 meeting in Houston. Also included in the supplement was additional information on the ISA POWID/EPRI Joint 2003 Conference in Williamsburg in June 2003. The ISA financial statement was revised by ISA to reflect POWID’s full credit for our net proceeds from the 2003 Williamsburg Conference, which included the ISA subsidy.

i. ISA POWID 2005 Division Budget
Wayne Holland presented the "Preliminary POWID 2005 Budget" he had prepared and sent to Bob Lindeman,
ISA I&S Department VP, on 31 March 2004. This preliminary document is subject to review by Bob Lindeman, ISA Staff Personnel, and the ISA Power Industry Division Executive Committee members. Wayne passed out a copy of the preliminary POWID 2005 Division budget. This was the same revision of the budget that Wayne had sent to Bob Lindeman on 31 March 2004 and subsequently emailed to POWID Executive Committee members on 23 April 2004 for their review prior to a discussion on the preliminary budget during the POWID Executive Committee meeting held in Long Beach in late April. Wayne had also distributed the preliminary budget (Revision B) to POWID Executive Committee members by email on 3 June 2004, just prior to the POWID Executive Committee meeting held in Colorado Springs.

Wayne explained that the preliminary POWID 2005 Division Budget had a projected operating deficit of ($12,281). Most of the projected revenue is from the $9,000 POWID Division dues but not all POWID members are subject to these dues. There are exemptions for retired members and ISA lifetime members. The other source of revenue is from the projected honoraria that POWID receives from its participation in the ISA 2005 EXPO Program in Chicago. Wayne emphasized that our largest expense category was for ISA staff support for the Division’s continuing operation. This amount, provided by Bill Palmer, was projected to be $12,284, just about the same magnitude of our projected revenues of $12,303 from Division member dues. Wayne explained that the irony to this was that essentially everything POWID received from Division membership dues went to cover ISA staff support for Division operations. Wayne further noted that ISA staff support costs for our 2005 Conference in Nashville is budgeted separately under the 2005 NSA Conference budget. Combined, POWID is paying approximately $45,000 annually for ISA staff support for Division and Conference operations. Another large expense is publishing and mailing of the POWID Spring Newsletter in paper format. This cost is estimated at $7,500, depending on the size of the newsletter. It is obvious that this expense will have to be covered mostly by Division fund carryover surpluses from prior years or from a surplus transfer from our Conference operations. Wayne suggested we consider paid advertisements in the newsletter to offset our newsletter printing and mailing costs.

Wayne said that the earnings or losses budgeted for the ISA POWID/EPRI 2005 Joint Conference in Nashville are not included in this budget. Wayne explained that we have budgeted a breakeven earnings cash flow from this Conference. Wayne also explained that the POWID 2005 Division budget spreadsheet does not reflect the existing surplus or deficit expected at the end of 2004. POWID’s current Division fund balance is a surplus of $50,762, as of 31 March 2004. Wayne said that ISA had not determined if it would provide any subsidy for Division Conference budget performance, as was done in 2003 and expected to be done in 2004.

By voice vote of the POWID ExCom members present, the POWID 2005 Budget as presented to Bob Lindeman on 31 March 2004, and emailed to POWID ExCom members on 23 April and presented at the Long Beach and at this POWID ExCom meeting, was approved as presented.

A discussion was held on raising money from advertisements in the newsletter and the POWID Web site. Dan Antonellis will contact Bill Palmer about what other ISA divisions are charging for advertising in their Division newsletter. He will also post a note in the summer newsletter soliciting advertisements.

ISA 2005 Participation in Europe’s BIAS Conference

POWID was approached along with the ISA Analysis Division, by Pino Zani (Past ISA President) to provide programming and papers for three half-day sessions for the BIAS Conference, 16-17 September 2004 in Milan, Italy. Bob Farmer, Analysis Division Director thought he could get 4-5 papers. Bob Hubby agreed to be the POWID and the AD Europe BIAS Conference Coordinator and attend the conference on behalf of the Power and Analysis Divisions. Bob sent an email to the authors of the POWID/EPRI Joint 2004 Conference in hopes of getting 4-5 authors that would be willing to present their papers at the BIAS Conference in mid-September. So far he has 7 papers from the Colorado Springs conference to present at the BIAS Conference.

ISA Division Scholarship Endowment Fund Proposed Contribution

Wayne Holland made a motion for POWID to contribute an additional $20,000 to the ISA Division Scholarship Endowment Fund. ISA is still currently providing 100% matching contributions. As of 31 March 2004, POWID had $80,000 principle with $8,642 in accumulated interest for a total of $88,642 in the ISA Division Scholarship Endowment Fund. The interest is to be used to fund future POWID Scholarships. The scholarship associated with the 2004 POWID Achievement Award winner will be the first to draw from this fund. With a contribution of an additional $20,000 and ISA matching funds, this will give POWID a principle amount of $120,000. POWID’s Division reserve fund balance is $50,762, as of 31 March 2004, from which this $20,000 contribution would come from. By voice vote of the POWID ExCom members present, the proposed $20,000 contribution to the ISA Division Scholarship Endowment Fund was approved.

New POWID Scholarship Proposal

Wayne Holland made a proposal that POWID establish a new annual academic scholarship in addition to the academic scholarship associated with the POWID Achievement Award recipient. This proposed scholarship would be for students to apply for through sponsorship by a member of the ISA Power Industry Division. The scholarship would be awarded on an annual basis at the discretion of the POWID Executive Committee, and would be funded through the earnings of the POWID account with the ISA Division Scholarship Endowment Fund and/or through Division reserve fund balances, or a combination from both. The POWID Executive Committee would determine at its meeting during the ISA President’s Spring Meeting the amount of funds available for such a scholarship and would approve the recommendation of the selected recipient from the POWID Honors and Awards Chair. The POWID Honors and Awards Chair would devel-
op the scholarship application, have it posted on the POWID web site and published in the POWID newsletters, receive the nominations, and make a recommendation to the POWID Executive Committee of the selected recipient and review all of the nominations received. Nominations would have to come from members of the ISA Power Industry Division, not from the students applying for the scholarship. In this way, we create another incentive for someone to join the ISA Power Industry Division and we create another opportunity to help a student connected with an ISA Power Industry Division member receive a college education.

Wayne also made a proposal that this scholarship be named the “Robert N. Hubby ISA Power Industry Division Academic Scholarship” for Bob’s many contributions to the Power Industry and to the ISA Power Industry Division in a career spanning over forty years. This scholarship would be funded from the ISA Division Scholarship Endowment Fund interest or Division Operating Fund balance, or a combination of each, at the discretion of the POWID Executive Committee. If the funds were not available, the POWID Executive Committee could suspend the scholarship award until the financial situation improved.

By voice vote of the POWID ExCom members present, the Scholarship proposal was approved.

Mike Skoncey, Honors and Awards Chairman, will work on the application form for this scholarship and present the new form at the POWID Executive Committee meeting during the 2004 ISA President’s Fall Meeting in Houston.

Cyrus Taft raised the issue about giving some consideration of revising the scholarship associated with the POWID Achievement Award to an honorarium for the recipient instead. Cyrus questioned giving honorariums to the authors of the three POWID best papers, but no reward to the POWID Achievement Award recipient. Cyrus noted that the POWID Achievement award is recognition for a lifetime of career accomplishments. Wayne Holland noted that funds for academic scholarships only could be withdrawn from the interest earned from the balance in the POWID account of the ISA Division Scholarship Endowment Fund whereas the source for any honorariums for POWID award recipients would have to come from the POWID Division Operating Fund.

VIII. NEW BUSINESS

a. Future POWID Best Paper Honorariums Proposal

Director Wayne Holland began a discussion on a summary of some feedback received during the recent balloting of the POWID 2003 Best Technical Paper awards, particularly regarding the magnitude of the honorariums associated with the selections and the concept in general of giving honorariums. Wayne said that Don Labbe had expressed his opinion that he was strongly opposed to honorariums for the authors of the three best POWID technical papers and that the recognition alone for authoring one of the three best technical papers for the Power Industry Division should be sufficient reward. Wayne said he favored the honorariums particularly for papers authored exclusively by utility individuals, because they often did not have the same incentives or resources to create papers as those authors that sold equipment or services to the utilities. Wayne said that a utility employee would often have to use his own resources to draft papers and as a result, papers from utility representatives without a vendor serving as a co-author were becoming the exception to the rule. Wayne said that Cyrus Taft had also expressed his desire in the best paper balloting process to end the honorariums or to keep these at relatively small magnitudes. After much discussion on the merits for giving honorariums for the POWID best technical papers and what the magnitude of those awards should be, Cyrus Taft made a proposal to end all financial honorariums for the awards associated with the POWID best papers. The POWID ExCom members present, approved the proposal. Wayne said that he wanted the minutes to reflect that he voted against the motion.

b. ISA’s I&S Departments Communication Award Nomination Submittal

POWID Director Wayne Holland reported he is putting together information for the 2003 ISA Division Communication Award, which is described below.

The following is an overview of the ISA Division Communication Award:

ISA Division Communications Award

The Division Communications Award may be conferred to a division in both the Automation & Technology and Industries & Sciences Departments of ISA. The award recognizes the efforts of the division that best communicates on a
regular basis with its membership.

1. Award Presentation
The Division Communications Award is a plaque that is displayed at the Society’s International Headquarters in Research Triangle Park, N C. Each year, the winning Division name is added to the plaque. A certificate will be presented to the Director, Newsletter Editor, and any other members of the division who contributed significantly to the division’s communications effort. The Director and the Newsletter Editor of the two runner-up divisions will receive “Honorable Mention” certificates. The presentation will be at the ISA Joint Automation & Technology and Industries & Sciences Departments Awards Banquet at the Society’s annual fall event.

2. Justification
The Division Communications Award was originated to stimulate the improvement in division communications and to encourage communication of division activities, plans and achievements.

3. Administration and Judging
The award will be administered by the individual department honors and awards review committee. The committee will consist of the Department Vice President, Advisory Board Chairman, and the Department Honors and Awards Chairman. The Department Vice President will select one alternate if two members of the awards committee are members of the same division.

Judging Criteria - The following categories will serve as a basis for judging and determining the winner of the Communications Award. Each category contains a series of questions or guidelines. Each category has an assigned value based on its importance.
- Newsletter publications
- Web-page
- Welcome Letters to New M embers
- Other communications to Division Members

4. Eligibility
In order to be eligible for the award, all materials must be received by the respective departmental awards committee prior to or on the established due date identified in the cover letter accompanying the awards criteria. Eligible materials include any form of communications produced and distributed to members since the previous year President’s Summer Meeting.
Wayne said the Power Industry Division won the I&S Department’s Communications Award two years ago and tied for the Communication Award last year with the Aerospace Division.

d. ISA Divisions New Venture Initiatives
Wayne reviewed an email he had received from Ron Dieck. Ron is a past ISA President and has been asked by Bob Lindeman (ISA Industries & Sciences Divisions Dept. VP) and Roger Blais (ISA Automation & Technology Divisions Dept. VP) to investigate “New Venture Initiative” that would improve Divisions. The following email was sent out 29 April 2004 by Ron Dieck:

YOUR HELP IS NEEDED SOON.

Greetings. Bob Lindeman and Roger Blais have asked me to investigate the possibility that we could put together a New Venture Initiative that would improve Divisions. With this note, I’m seeking your ideas so I can form up a business plan during May and seek the funds from ISA to accomplish that plan.

We need ideas that will improve the effectiveness of our Divisions. Some will have real financial payback some will not. The time frame is undecided right now but may be three to five years.

What ideas do you have that we can consider for our proposal? Some thoughts are:

1. Paying a Division keynote speaker for our Division Symposia so we can secure real “name” people.
2. Paying several people to develop new technology sessions for our Division Symposia.
3. Hiring an ISA staffer to develop a Division Technology Journal. It would be high quality technical information.
4. Changing our ISA membership system so that everyone that joins ISA joins a Division and the fee is, maybe, $20.
5. Changing the allocation of the portion of ISA dues that now goes to Sections so that a member may decide where that money is spent to best meet the needs of that member, whether Section or Division or both.
6. Providing sufficient support to Division Symposia so that the break refreshments are excellent.
7. Underwriting technical tours whether in conjunction with Division Symposia or Section events.
8. Enlisting the aid of local Sections for Division Symposia with an appropriate honoraria provided those sections.
9. Develop a useful web site for exchange of technical information.
10. Develop a list of technical experts for Division resources on technical issues.
11. Fund the travel for special technical experts for Division events.
12. Pay the travel expenses for session developers at our Division Symposia.
13. Work with the Divisions that do not have Symposia at this time and develop them where appropriate, maybe by combining Divisions’ efforts.

YOUR IDEAS HERE ARE KEY. THINK WAY, WAY OUT OF THE BOX, GUYS. There should be payback to the Society in the three to five year time frame for many of them. In those cases, please outline the financial plan also. However, not all need to be “break even” or better.

The idea is to improve our Divisions’ operations that more people join ISA and the Divisions to further their technical careers.

There you have it. Please get back to me quickly. Please send this e-mail to whomever you’d like to that may provide input to this process.

Thanks very much.
Ron Dieck

Bob Hubby has volunteered to be the POWID liaison to this “New Venture Initiative.”

e. Broadening POWID/EPRI Annual Conference Program for Management Appeal
This topic was covered earlier under Section VI, Committee Reports, Sub-Paragraph J, Long Range Planning Committee, Item 3, Attracting a Broader Participation of Management at POWID Conferences.
IX. ISA/POWID CONFERENCES

a. Colorado Springs, 6-11 June 2004 - Denny Younie, General Chair/Cyrus Taft, Program Chair

Both Denny Younie and Cyrus Taft were present at the POWID ExCom meeting. Cyrus reported the Technical Program for the conference covers 2 ½ days from Monday morning until noon on Wednesday. There is one opening plenary session followed by 8 technical sessions. The session titles and developers are listed below:

- Advanced Control Application Experience - Bob Smoak
- Digital Upgrades - Ray Torok
- Combustion Monitoring and Optimization - Fred Stearns
- I&C and Control Room Modernization - Joe Naser
- Environmental - Jim Batug
- On-line Equipment Condition Monitoring - Brandon Rasmussen
- Cyber Security and Wireless Technologies - Bob Webb
- Emerging Applications - Mike Skoncey

A total of 51 abstracts were submitted of which 49 were approved. 43 papers were submitted and 42 were approved. One author has indicated she will not be able to attend and one other may not make it. So there should be 40 or 41 papers presented at the conference if all other authors show up.

Denny Younie reported that there were 18 tabletop display exhibits. He had recruited three major sponsors ($50,000 contribution each), Honeywell, the Wood Group, and the Woodward Governor Company. Power M magazine/Platts is also a major sponsor again this year providing a full page advertisement for the Conference in their April and May editions of POWER M magazine, in lieu of the $5,000 contribution.

Denny reported the major problem with the publicity for the conference was with the mailing list when the preliminary program advertisement was sent out. He will contact Bill Palmer - ISA Senior Administrator, Technical Divisions, about this.

See Joe Vavrek’s publicity report in section 6e for more information about the conference publicity efforts.

b. Nashville 2005 - Denny Younie, General Chair/Cyrus Taft Program Chair, Date 4-9 June 2005

Wayne Holland reported that Gary Gipson, TVA, has resigned from the POWID Executive Committee and as General Chair for the Nashville Symposium due to recent travel constraints imposed at TVA.

Both Denny Younie and Cyrus Taft volunteered during the POWID ExCom meeting held in April in Long Beach to continue as General Chair and Program Chair for the POWID/EPRI 2005 Joint Conference in Nashville.

Wayne Holland submitted a preliminary ISA POWID/EPRI 2005 Joint Conference Nashville Budget by email ballot for approvals to the POWID Executive Committee members on 25 March, 23 April, and 3 June and to ISA headquarters (Bob Lindeman, ISA I&S Department VP) on 25 March for ISA approvals. Wayne said that he had only received about half of the sixteen ballots needed for approval by the POWID Executive Committee members, although he had made three separate email submittals for an approval vote. Wayne said the 2005 Nashville Conference budget essentially reflected a break-even financial situation and included the full cost of ISA Staff Support Service costs including overheads. He said that he did not expect to hear from ISA regarding the budget status until after our Conference in Colorado Springs. Wayne said he did not receive enough ballots back from POWID ExCom members to approve the preliminary 2005 Nashville Conference budget.

Wayne said that since this budget was discussed at length during the POWID ExCom meeting held in April in Long Beach, and in the three email messages that were sent out with the budget and ballot attached, that he would not go into any additional details regarding the budget at this meeting but would answer any questions that the POWID ExCom members present might have. Wayne passed out a copy of the preliminary ISA POWID/EPRI 2005 Joint Conference - Nashville Budget (Revision E) and requested those in attendance to fill in their ballot if they had not done so already. Wayne received enough “Yes” ballots to approve the preliminary budget.

Because of a scheduling conflict at the “Sheraton Nashville Downtown Hotel” during the date of 11-17 June, Charlotte Clayton, ISA Staff, Manager of M events, had been requested to look into other dates at the Downtown Sheraton as well as a different hotel. She presented optional dates in mid July for the Downtown Sheraton (with reduced rates and other concessions due to their booking mix) as well as a new hotel “The M illenium” for the original approved date of 11-17 June, which coincides with the ending date of the Nashville Music Fan Fair Festival. The quality of the hotel and the location of the hotel were the major concerns expressed for the Millennium Hotel whereas the late date (mid July) for the Downtown Sheraton Hotel was considered its major obstacle. Denny Younie visited the Millennium Hotel in Nashville and made it his recommendation to the POWID Executive Committee.

By a voice vote of the POWID ExCom members present, the motion was approved. The Conference date will be 4-9 June 2005; the Millennium Hotel rate is $99.

c. Las Vegas 2006 - Bob Webb General Chair/Marjorie Widmeyer Program Chair, Date TBD

Neither Bob Webb nor Marjorie Widmeyer was in Colorado Springs to give a report.

It was decided because the lead-time needed for contracting with a Hotel, ISA would be the Conference Coordinator again for POWID/EPRI 2006 Joint Conference in Las Vegas in (see Section VII, Old Business, Sub-Section f, POWID Conference Support Services Review Committee for additional details).

Charlotte Clayton will be requested to begin checking into Conference hotel options for the POWID Executive Committee to consider.

d. Pittsburgh 2007 - Mike Skoncey General Chair, Allan Zadiraka Program Chair, Date TBD

Both Mike Skoncey and Allan Zadiraka were present in Colorado Springs.

Mike reported he is looking into hotels in the Pittsburgh area. He is looking into the Sheraton Station Square hotel. Mike will consider ISA as one option to be the Conference Coordinator for the POWID/EPRI 2007 Joint Conference in Pittsburgh. Mike will
make a recommendation to the POWID Executive Committee at the next meeting in Houston in October regarding who he would prefer to provide the Conference Coordinator services. He is also looking into training program options. Mike said that he would work with Tom Stevenson, ISA POWID’s Professional Development Chair, to select and coordinate training programs for the 2007 Pittsburgh Conference.

XI. NEXT EXECUTIVE COMMITTEE MEETING
POWID Director Wayne Holland advised that the next POWID Executive Committee meeting would be held at the Hilton Americas-Houston Hotel, Monday, 4 October 2004, 1:00 -5:00 CST, during the ISA Fall President’s meeting. Wayne reminded everyone that immediately following the POWID Executive Committee meeting at the Hilton Hotel was the ISA President’s reception and the ISA Honors and Awards Banquet.

XII. ADJOURNMENT
POWID Director Wayne Holland asked for a motion to adjourn. The motion was approved by voice vote of the POWID ExCom members present. The POWID Executive Committee meeting was adjourned at 6:15 p.m. MDT.

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