Hello, my name is Gary Cohee and I am your new ISA Power Industry Division Director. My tenure is for the 2005-2006 calendar years. I have been a member of POWID and have worked in the POWER industry for the past 27 years. Seventeen of those years were with a utility, and the last 10 for an engineering company working on power projects. I am looking forward to, and consider it an honor to serve as the POWID Director for the next two years.

I was very fortunate to serve as Secretary/Director Elect under Past Director Wayne Holland. Wayne did a great job in leading us through some tough as well as rewarding years. During his tenure we had a first in having POWID provide technical programming outside North America. Along with the Analysis Division, and a great deal of work by Bob Hubby in pulling it all together, we provided technical sessions at the BIAS Conference held in Milan, Italy, on 16-17 September 2004.

I also want to introduce you to Dan Lee, who became Secretary/Director Elect of POWID effective 1 January 2005. Dan has served in many capacities on the POWID Executive Committee, and also serves as Vice Chairman of the SP77 Fossil Power Plant Standards Committee.

At the ISA 2004 President’s Fall Meeting, and ISA EXPO 2004 Conference and Exhibition in Houston, TX, 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. 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 at the ISA Joint Automation and Technology and Industry and Sciences Department Division Honors and Awards Luncheon held on the following day, 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.

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 Society E.G. Bailey 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 currently serves 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 our last issue of the newsletter, we had a description and application for 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 form for a student of your choice to receive an academic scholarship award. Michael Skoncey, POWID’s Honors & Awards Coordinator, had included instructions and an application form in that newsletter for this new scholarship award. The applications received will be reviewed and the winning application approved by the POWID Executive Committee in the early spring of each year. The scholarship amount is anticipated to be between $3,000 and $5,000, depending upon the Division’s finances. Also, included within that newsletter was a link to ISA Society Awards, with nominations generally due by 1 March of the
Continued from page 1

year. Be sure to check these out and nominate deserving individuals who support and promote our Technical Society and respective industries. You can get to past issues of our newsletters by going to [www.isa.org/powid](http://www.isa.org/powid).

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 (cwttaft@charter.net). 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). 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 I&C Interest Group Meeting held on the afternoon of 8 June.

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 in this newsletter and on the Conference Web site [www.isa.org/powersymp](http://www.isa.org/powersymp).

A little further out 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 can be found at [www.isa.org/~powid](http://www.isa.org/~powid).

Please contact me at any time at the telephone number or e-mail address listed below.

Best Regards,
Gary Cohee
2005-2006 ISA Power Industry Division
Director
Telephone: (409) 790-1945
E-mail: garyacohee@aol.com

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### Future ISA/POWID International Conferences:

<table>
<thead>
<tr>
<th>Year</th>
<th>City</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>2005</td>
<td>Nashville</td>
<td>5-10 June</td>
</tr>
<tr>
<td>2006</td>
<td>Chicago</td>
<td>15th Joint ISA</td>
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<tr>
<td>2007</td>
<td>Pittsburgh</td>
<td>POWID/EPRI</td>
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<td>2005</td>
<td>Chicago</td>
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<td>2006</td>
<td>San Jose</td>
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<td>2007</td>
<td>Pittsburgh</td>
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<tr>
<td>2005</td>
<td>Nashville</td>
<td>48th Annual ISA</td>
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### Innovation in Power Generation Measurement and Control

After a few years of dramatic change, the power generation industry is catching its breath in 2005. Deregulation, while still a force in the industry, is being implemented in a more orderly fashion. The financial scandals of recent years are working their way through the courts and stock prices have recovered. Considerable investment for emission control is still taking place. A new issue in the past year is the tremendous increase in all fuel prices, not just natural gas.

As it always has, the industry will evolve to meet all challenges. Instrumentation and control systems are a key force in helping the industry meet today's challenges. Innovative sensors, control hardware and strategies, monitoring techniques, and data management systems provide power plant operators with tools to improve competitiveness while reducing emissions.

For 15 years, ISA and the Electric Power Research Institute (EPRI) have jointly sponsored this conference which brings together industry professionals to share power generation I&C breakthroughs and experiences. The conference has been successful because it provides the right mix of current practices, new methods and lessons learned. It is the only industry conference dedicated to instrumentation and control in the fossil and nuclear power generation industry.

This year's conference includes approximately 50 technical papers presented in eight sessions over two and a half days, a vendor exhibition area, five training courses, several ISA committee meetings, the EPRI I&C Interest Group meeting, and a Sunday evening welcome reception. A preliminary technical program is provided below. Please make your plans now to attend this important industry conference. For more information on the conference visit our Web site at [www.isa.org/powersymp](http://www.isa.org/powersymp) or contact one of the conference team listed below. See you in Nashville.

Denny Younie, Conference General Chair, denny.younie@woodgroup.com
Cyrus Taft, ISA Program Chair, cwttaft@charter.net
Brandon Rasmussen, EPRI Program Chair, brandonprasmussen@yahoo.com
Rodney Jones, ISA Conference Coordinator, rjones@isa.org

Power Magazine is the official publication of the 15th Annual Joint ISA POWID/EPRI Conference 2005
15th Annual Joint ISA POWID/EPRI Control and Instrumentation Conference
Preliminary Technical Program

Monday, 6 June
Session 1: Welcome and Introductions
Time: 8:00 a.m. - 9:00 a.m.
Keynote: TBD

Session 2: Lessons Learned
Time: 9:00 a.m. - 12:00 noon
Session Developer: Allan Zadiraka, Babcock & Wilcox

- Difficulties Making Quality pH Measurements
  by Tony Walker, Honeywell, Inc.
- Application Criteria for Condensate Pots on Drum Level Measurement
  by Allan Zadiraka, Babcock & Wilcox
- Power Plant Automation Retrofits: Developing a Road Map from Lessons Learned or Experiencing Another Groundhog Day
  by Sub Mohan, The Automation Group
- Power Plant Material Handling Control System Retrofit
  by Joe Ashby, Indiana State University
- Practical Approaches to Measuring pH of Condensate and Feed Water in the Power Industry
  by James Yarbrough, Foxboro M&I Division
- Condenser Condition Monitoring and Modification for Performance Enhancement
  by Joseph Harpster, Intek, Inc.
- Operations Knowledge Management
  by Mark Perakis, EPRI Solutions
- Development of Coordinated Control Revisited
  by Bob Hubby, Consultant
- Pulverized Coal Extractive Testing Methods Evaluation at the EPRI Coal Flow Loop
  by Jose Sanchez, EPRI
- New Redundant Current Sharing Generator Excitation Solution
  by Dave Brown, Triconex Corporation
- Experiences with Upgrading Steam Turbine Controls to Meet Today’s Power Market Requirements
  by Fred Block, Siemens Westinghouse Power
- Implementation of Frequency Participation in Digital Turbine Control Systems
  by Scott Taylor, Wood Group - Turbine Control

Session 3A: Turbine Control Systems
Time: 2:00 p.m. - 5:00 p.m.
Session Developer: Jeff Schleis, Wood Group

- Hybrid Modeling and Control of a Combined-Cycle during a Startup Transient
  by Frans Davelaar, EDF
- Optimizing Waste Fuel Boiler Operation with MPC
  by Dan Smith, Capstone Technology
- Enhanced Automation for Improved Operations on Combined Cycle Units
  by John Sorge, Southern Company Services, Inc.
- Advanced Control Demonstration on Combined Cycle Plant
  by John Sorge, Southern Company Services, Inc.
- Control System Upgrade for Changing Markets
  by Stephen Carrig, Electricity Supply Board
- Identification for Robust Control of a Boiler/Turbine Unit in a Coal-Fired Power Plant
  by Kai Zheng, University of Illinois
- Control Strategies for Selective Catalytic Reduction (SCR) Systems
  by Mark Buzanowski, Peerless Mfg. Co.
- Entergy Independence NOx/Heat Rate Optimization and Steam Temperature Control with Neural Net/Model Predictive Control Combo
  by Don Labbe, Invensys
- Model Predictive Control for Combined Cycle Start Up Optimization
  by Darrin Kirchhof, GE Energy
- A Double “Chirurgical” DCS Upgrading on Fusina ENEL Power Plant
  by Patrizio Leviti, Alstom

Tuesday, 7 June
Session 4A: Controls for Combined-Cycle and Conventional Plants
Time: 8:00 a.m. - 12:00 noon
Session Developer: John Sorge, Southern Company

- Hybrid Modeling and Control of a Combined-Cycle during a Startup Transient
  by Frans Davelaar, EDF
- Optimizing Waste Fuel Boiler Operation with MPC
  by Dan Smith, Capstone Technology
- Enhanced Automation for Improved Operations on Combined Cycle Units
  by John Sorge, Southern Company Services, Inc.
- Advanced Control Demonstration on Combined Cycle Plant
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- Model Predictive Control for Combined Cycle Start Up Optimization
  by Darrin Kirchhof, GE Energy
- A Double “Chirurgical” DCS Upgrading on Fusina ENEL Power Plant
  by Patrizio Leviti, Alstom
Session 4B: On-Line Equipment Condition Assessment
Time: 8:00 a.m. - noon
Session Developer: Brandon Rasmussen, EPRI I&C Center

DG Tune - A Dynamic Signal Analyzer for Performing Offline Post-Maintenance Testing of Diesel Generators
by Edward Bradley, TVA

Sensor Performance and Reliability
by H.M. Hashemian, Analysis and Measurement Services

Ground Grid Remediation to Prevent Lightning Damage to Instrumentation Systems
by Thomas Toms, Progress Energy

SiEMPre: A Step Forward in Predictive Maintenance
by Daniel Briff, Petrobras Energia

Application of Valve Leak Monitoring System to the Main Valves of Improved KSNP (KSNP+)
by Byungsoo Cho, Korea Power Engineering Company

Planning for Alarm Management
by Richard Marshall, Sega Inc.

Session 5A: Simulators
Time: 1:00 p.m. - 3:00 p.m.
Session Developer: Alex Lekich, GSE Systems

On-Line Thermodynamic Efficiency Monitoring and Optimization Using Empirical Modeling Techniques
by Wes Hines, University of Tennessee

Session 5B: Instrumentation Advances
Time: 1:00 p.m. - 5:00 p.m.
Session Developer: TBD

Fieldbus Systems for the Power Industry
by Donald Long, MTL Surge Technologies

Monitoring and Diagnosis of Hot Water Supply Process Using FOUNDATION Fieldbus
by Tetsuya Wakui, Waseda University

Improved Accuracy of Natural Gas Turbine Flow Meters Using Carbon Dioxide as the Calibration
by David Taylor, Terasen Measurement Technologies

Temperature Measurement Applications in Power Plants
by Ravi Jethra, Endress + Hauser

Moisture Meter Applications for Real-Time Performance Monitoring
by Sastry Munukutla, Tennessee Technological University

On-Line Ammonia Slip Process Monitoring in Post Combustion NOx Control Equipped Power Generating Station
by Keith Crabbe, CEMTEK Environmental

The Future of Industrial Sensors – No Wires
by Wallace Leuders, Accutech, a division of Adaptive Instruments

Session 5C: Cyber Security
Time: 3:15 p.m. - 5:00 p.m.
Session Developer: TBD

Raising Awareness of Cyber-Security Issues in System Owners
by James Bingham, Southern Nuclear Operating Co.

Power Station Cyber Security
by Ronald Derynch, Verano

Wednesday, 9 June
Session 6: Emerging Applications
Time: 8:00 a.m. - noon
Session Developer: Bill Hocking, Invensys

Integrated Process Air Compressors Control System Overcomes Unique Problem at Reliance, India PTA Plant
by Keyur Vora, Reliance Industries

Fleet-Wide Installation of Power Perfector™ For Emission Reduction and Combustion Optimization
by Jianhu Jia, Pegasus Technologies

A Control System Retrofit for an 80MW Steam Turbine Generator Unit; A DCS Solution
by Nigel Baptiste, The Power Generation Company of Trinidad and Tobago

Software Life Cycle Management Standard
by H. L. Staples, Oklahoma Gas and Electric Energy

FTIR Validation using EPA Method 301 and 320 for HCl at a Municipal Solid Waste Co-Generation Incinerator
by Peter Zemek, MIDAC Corporation

The Future for Power Plant Automation - It’s Not Just Holding Setpoint
by Donald Smith, I&C Siemens Westinghouse Power

Leveraging Existing Instrumentation and Control Systems for Combustion and SCR Optimization at Dynegy’s Baldwin Energy Complex
by Peter Spinney, NeuCo Inc.

Intelligent Sootblowing Using Direct Feedback
by Sandeep Shah, Clyde Bergemann

Instrumentation and Control Needs for Integrated Gasification Combined Cycles
by Jeffrey Phillips, Advanced Coal Generation

CONFERENCE REGISTRATION FEES

Before 13 May 2005
ISA or EPRI Member $400.00
List Price $500.00
Author/Speaker (1 per paper) $250.00
Student $100.00
ISA/EPRI Retired Member $100.00
Monday Luncheon Guest $  25.00
Tuesday Luncheon Guest $  10.00

After 13 May 2005
ISA or EPRI Member $500.00
List Price $600.00
Author/Speaker (1 per paper) $300.00
Student $100.00
ISA/EPRI Retired Member $100.00
Monday Luncheon Guest $  25.00
Tuesday Luncheon Guest $  10.00
Millennium Maxwell House Hotel
The Millennium Maxwell House Hotel is located about two miles from downtown Nashville. The room rate for the conference is $110 per night. A free shuttle will run continuously to the attractions downtown. For reservations call 1-866-866-8086 and mention the “ISA Power Industry Conference” or Group No. 13290. For reservations on the Web, visit www.millennium-hotels.com and select the Nashville hotel. Under “Promotional” enter the Group No. 13290. The cutoff date for the special room rate is 9 May. The hotel’s direct number is (615) 259-4343.

Nashville, The Music City
Tennessee’s capitol city, Nashville, is located in the middle of the state on the banks of the Cumberland River.
Nashville is a modern southern city with a vibrant downtown area. Best known as the home of country music and the Grand Ole Opry, Nashville features over 40 major attractions including museums, cultural centers, historic sites, and musical events.

In addition to the Grand Ole Opry, music fans can visit historic Ryman Auditorium, the Country Music Hall of Fame, and the Wildhorse Saloon. Immediately following the conference, the Country Music Association will hold its famous annual Music Festival 2005. This is the perfect opportunity to meet your favorite star in person. There is also a Grand Ole Opry Superstar Spectacular Benefit on Thursday 9 June at the Ryman Auditorium.

But there’s more to Nashville than country music. The city’s Centennial Park is home to the only full scale reproduction of the famous Greek temple, the Parthenon. The temple features a 42 foot tall statue of Athena Parthenos, the largest indoor statue in the western world.

For more recent history, President Andrew Jackson’s home, The Hermitage, is located about 15 miles from downtown and is open for tours of the house and grounds.

For art lovers, the new Frist Center for the Visual Arts is sure to suit your fancy. Housed in the beautiful old downtown Post Office building, the Center features a wide variety of visual art from around the world. One exhibition during our conference will be on French masters of the late 19th and early 20th centuries.

Two other sights well worth a visit are the Cheekwood Botanical Garden and Museum of Art and the Belle Meade Plantation. Cheekwood was a private estate built in the 1920’s that is now a lovely museum and gardens. Belle Meade Plantation is an 1853 Greek revival mansion known as the “Queen of the Tennessee Plantations.”

For more information on things to see and do in Nashville, visit the Convention and Visitors Bureau Web site at www.nashvillecvb.com.

An informal spouses/guests program will be arranged at the conference. Please check at the registration desk upon arrival.


• Batch/Discrete/Process Control
• Cybersecurity
• Data Acquisition
• Hard/Soft/Remote Sensing
• Instrumentation & Measurement
• Networking & Communications
• Predictive Maintenance
• Productivity & Asset Management
• Safety Systems & Equipment
• Standards & Regulatory Compliance
• Systems Integration
• Wireless Technologies

Enter passcode W24777 for FREE exhibition registration.
CALL FOR PAPERS
16th ISA POWID/EPRI
Controls & Instrumentation Conference

49th Annual ISA POWID Symposium
June 2006 • Location: San Jose, California

Safety, Security, and Reliability - Cost Effective Implementation
Through Integrated Systems and Program Management

The 16th Annual Joint ISA POWID/EPRI Controls and Instrumentation Conference (49th Annual ISA POWID Symposium) will take place in early June 2006. This conference is the only conference dedicated to the electric power industry 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. We will review all submissions and publish accepted papers in the Conference Proceedings via CD.

This conference will include papers selected from the following topical areas, as they are related to automation and control systems, as used in fossil, nuclear, and renewable energy generation. All papers are intended to focus on some aspect of power automation, and with the exception of papers focusing on new ideas and directions, should include actual specific experience that will help attendees understand the potential successes and areas of concern as they apply similar solutions. Papers and presentations should typically describe the facilities involved, what was done, how it succeeded or failed, what changes the authors would suggest in future applications, and how the applications supported and interfaced with engineering, operations, maintenance and other facility organizations and personnel. Authors are encouraged to include discussion on how the systems, equipment, and/or programs enhance safety, security, or reliability, without excessive cost burdens.

If you are interested in developing a 4- or 5-paper session in any one of these areas, please contact the Program Chairman, Bob Webb. Contact information is provided below.

Papers will be selected from the following topic areas:

**Power Plant Control Systems**
- Power Plant control system retrofit projects
- Boiler control systems
- Turbine control systems
- Emission control systems
- Balance of plant (BOP) control systems
- Control strategies
- Control tuning
- Digital control systems
- Distributed control systems - Fieldbus and other distributed architectures
- Integration of disparate control systems from gas turbine vendors, emission monitors, BOP suppliers... a protocol soup nightmare?
- Control room design
- Advanced control design and implementation
- Optimization systems
- Automation systems
- Process measurements
- Emissions monitoring
- Performance monitoring
- Calibration issues
- Sensor validation techniques
- Configuration control

**Power Plant Safety**
- Burner management and safety systems-SP84 applicability
- Hazardous material monitoring and control
- Electrical Safety in the workplace
- OSHA 1910.279 applicability

**Control of hazardous energy**
- NFPA 70E implementation - has anyone done an arc flash calculation recently?
- Other safety regulations and requirements
- Control and Information Systems Security
- Regulatory requirements - NERC 1200, 1300, future

**Advanced Technologies**
- New applications of control theory and signal processing
- Improved simulation and modeling
- Expert systems advances
- Neural networks advances
- Fieldbus network advances
- Wireless networks and technology - cost effective but have the security issues been overcome?
- Computer aided design and engineering
- Data centered design and records management
- Maintenance management and automation integration - after such promises, why has this taken a back seat? Are there any real successes?

**Unique Nuclear Plant Issues and Technologies**
Share experience on new designs, corrective measures, and guidelines for future nuclear work. What do you do to promote a high level of safety? How do you avoid the cycles between excellence and complacency that we have all experienced? Exchange regulatory experience and discuss control system regulatory issues.
- Setpoints in retrospect - can we avoid excessive costs for unnecessary rework?
- Have digital upgrades become routine - why not? How to make them more cost effective? Or is cost effectiveness no longer a big deal?
- ISFSIs - Instrumentation - not an issue?

**Power Industry Issues**
- Deregulation - re-regulation - new experiences in this journey - how is it impacting automation design, operation and maintenance?
- Trouble with security solutions - are the solutions worse than the problem?
- Application of standards - ISA-99 and others
- Vendor adoption/rejection of standards
- Good experience - what works
PAST DIRECTOR’S MESSAGE

By Wayne Holland

My two-year term as your ISA Power Industry Division Director ended as of 31 December 2004. It has been my pleasure to serve as your 2001-2002 Power Industry Division Secretary and Director-Elect, and then as your 2003-2004 Division Director. I want to take this opportunity to express my appreciation to the members of the Power Industry Division Executive Committee and to you, the Members of the ISA Power Industry Division, for your support, encouragement, good-will, and friendship while I served in these positions. My job was made easier by those who served as the POWID Director before me, Gordon McFarland, Roger Hull, Ron Hicks, and Bob Hubby, to name but a few. I sometimes use the expression that it is easier to find your way through the woods when a path has been cleared by those who preceded you, and that is what I found when I assumed the role of POWID Director. This job has not been an easy one but certainly the burden of the load was lightened by the actions, policies, and precedents established by those that I followed.

I also want to say thanks for all the support I received from the ISA support staff and volunteer ISA Society and Division Leaders that I have worked with over the last four years as a Division officer. I especially want to say thanks to Bill Palmer, who retired as of this past October. ISA could not have chosen a better Division liaison than Bill; he was a pleasure to work with. I want to recognize Charlotte Clayton who diligently prepared our Conference hotel contracts and kept us on track at the ISA President’s Spring/Fall Meetings. I also want to say thanks to Larry Wells, our 2002-2003 ISA I&S Department Division VP, who understood our Division problems and in Larry’s unique style, presented those problems to the ISA Executive Board without regard to “political correctness”.

As I leave this position, I hope I have been able to make a positive difference. Two of my personal goals were to improve communication within our Division and to transfer some of the decision making of the Division Director back to the Division’s Executive Committee. You will have to be the judge as to progress made in these areas. Other goals were to establish a second POWID academic scholarship, one where our membership could sponsor candidates, and to provide perpetual funding for our annual academic scholarships. We established the ISA POWID Robert N. Hubby Academic Scholarship during our 2004 Colorado Springs Conference and were able to transfer $30,000 (matched 100% by ISA) to the ISA Division Scholarship Endowment Fund during 2004. The interest earned from this fund is used for academic scholarships. Another goal was to expand on the services provided to our Power Industry Division membership.

The two biggest challenges facing our Division during my term was the financial impact of ISA’s decision in early 2003 to pass all of the ISA staff support costs to the Divisions and a loss of over 20% of our POWID membership, paralleled by similar losses in other ISA Divisions and ISA. POWID’s only real source of funds remaining, that we use to expand our membership services, is what we are able to earn from our annual conferences. To save costs, we have reduced our mailings of paper copies of our Division newsletter to one time annually (the Spring Edition), with the other Summer and Fall/Winter editions posted electronically to our Division Web site (www.isa.org/~powid).

One thing is certain, I am leaving the ISA Power Industry Division in very capable hands, with Gary Cohee as your new POWID Director and Dan Lee as your Secretary and Director-Elect. I know that you will continue to provide Gary and Dan with the support that you provided me.

In closing, I want to recognize and thank Bob Hubby and Gordon McFarland for their long term support to our Power Industry Division. Our Division simply would not be the same without their dedication and personal sacrifices. I also want to thank Gary Cohee, for his excellent service as the POWID Director-Elect during my term. Gary could always be counted on to do what needed to be done.

Please contact me at the telephone number or email address listed below if I can be of any assistance to you. And if anyone ever asks you what is an ISA POWID, please visit our Division Web site, click on the link “POWID: Who we are”, and forward that description to whomever asked. It has been my pleasure and honor to serve as your Power Industry Division Director and I look forward to serving in other capacities in the future.

Best Regards,
Wayne Holland
2003-2004 ISA Power Industry Division Past Director
Telephone: (770) 427-3667 • E-mail: wayneholland@bellsouth.net
POWID ExCom Meeting – 4 October 2004

The 134th meeting of the ISA POWID Executive Committee was held at the Hilton Americas-Houston Hotel on 4 October 2004 in Houston, TX, in conjunction with ISA EXPO 2004.

Attendance:

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<th>Members Present</th>
<th>Members Absent</th>
<th>Others Present</th>
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<tbody>
<tr>
<td>Don Christopher</td>
<td>Gary Cohee</td>
<td>Ugo Baggi</td>
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<td>Dale Evely</td>
<td>Wayne Holland</td>
<td>Goray Mookerjee</td>
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<td>Bob Hubby</td>
<td>Roger Hull</td>
<td>Danny Crow</td>
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<td>Daniel Lee</td>
<td>Gordon McFarland</td>
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<td>Bob Webb</td>
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<td>Bob Szczerbicki</td>
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<td>Joe Vavrek</td>
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<td>Marjorie Widmeyer</td>
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I. MEETING CALLED TO ORDER

Wayne Holland, POWID Director, called the meeting to order at 1:12 p.m. CDT.

II. INTRODUCTION OF MEMBERS AND GUESTS

Gary Cohee, POWID Secretary and Director-Elect, circulated a meeting attendance list and a POWID update roster. Director Wayne Holland requested that the attendees sign the attendance sheet and the POWID member’s present update the POWID roster for any changes.

III. APPROVAL OF THE PREVIOUS MINUTES

Revision 1a of the minutes of the Power Industry Division Executive Committee meeting held on Sunday, 6 June 2004, at the Joint 2004 ISA POWID / EPRI Conference, Doubletree Hotel, Colorado Springs, CO, had been electronically distributed previously to the POWID Executive Committee members. Bob Webb moved that the minutes be accepted as written and Dan Lee seconded the motion. The minutes of the POWID ExCom meeting were approved as written by voice vote of the POWID ExCom members present.

IV. AGENDA ADDITIONS AND / OR CORRECTIONS

Two additions to the agenda were agreed to be added under the New Business section: 1) an ISA NOx Workshop; and, 2) a Scientek Users Group Meeting during our future annual Joint ISA POWID/EPRI Conferences.

Allan Zadiraka moved to accept the agenda as amended; Bob Webb seconded the motion. The agenda was approved with the aforementioned additions by voice vote of the POWID ExCom members present.

V. FINANCIAL REPORT

Roger Hull reported that the POWID Division fund balance, as of the end of the second quarter, 30 June 2004, was $30,465.
Wayne Holland reported the ISA Division Scholarship Endowment Fund balance should be in the neighborhood of $120,000 of principle after the POWID ExCom’s approval, during the 6 June Colorado Springs meeting, of the transfer of $20,000 from the POWID operating fund balance to the ISA Division Scholarship Endowment fund and ISA’s matching $20,000 contribution. Wayne said that the interest in this account was $6,173 as of 31 December 2003, and the endowment fund earnings for 2004 would not be credited to the account until the end of 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.

Wayne Holland said that ISA did not post quarterly financial information about the ISA Division Scholarship Endowment Fund on their Web site. Wayne said that, as the POWID Division Director, he had made a request to Robert Lindeman (ISA I&S Department VP) at the Division Leader’s Meeting held on Sunday morning, 3 October, to have this information made available on the ISA Division financial Web site on a quarterly basis similar to the Division’s operating fund statements.

Subsequent to the POWID ExCom meeting held in Houston during the ISA 2004 President’s Fall Meeting, ISA created a Web page that reported the pertinent aspects about each Division’s account in the ISA Division Scholarship Endowment Fund, beginning with the reports associated with the end of the third quarter (30 September 2004). The quarterly ISA financial report for the period ending 30 September 2004 reflects a total balance in the account of $127,059, which includes $6,173 of interest earned through 31 December 2003. Wayne said the ending fourth quarter 2004 statement should reflect the addition of interest earned during 2004.

The following financial report/analysis is from an excerpt from an email message sent to ISA Power Industry Division ExCom Members from POWID Director Wayne Holland on 1 October 2004.

“As of the end of the 2nd quarter, POWID had an operating fund balance of $30,465. This includes the debit of $20,000 for our contribution to the ISA Division Scholarship Endowment Fund, approved by the POWID Executive Committee at our meeting in Colorado Springs. In September, $4,000 was sent to Villanova University to honor our obligation for the 2003 POWID Achievement Award Scholarship (Frank Ryan’s), and this amount should show as an expense on the POWID ending 3rd quarter financial reports (this expense may not hit the books until the fourth quarter). We still have the 2000 POWID Achievement Award scholarship (Ron Hicks-$4,000), and the 2002 POWID Achievement Award Scholarship (Jim Batug-$4,000) obligations remaining as liabilities on the POWID operating fund, which these expenses may not show up on the books until 2005 (or later). The liability for the scholarship associated with the 2004 POWID Achievement Award (Don Christopher-$4,000) will be covered by interest earned to date from our account in the ISA Division Scholarship Endowment Fund. This was the decision of the POWID Executive Committee in April in Long Beach.”

“On the revenue side, most of the Division dues received ($9.00/member but ISA does not collect from all members) are absorbed to pay ISA Division staff support charges. Net proceeds from our annual Conference operations are our only real source of income not spoken for in advance as the $1000-$1,500 honorarium received for our ISA Fall EXPO Program participation is absorbed to pay for some incidental expenses, such as a $500 contribution for coffee at 2004 ISA PFM in Houston.”

VI. COMMITTEE REPORTS

a. SP67 Nuclear Power Plant Standards Committee

Bill Sotos, Chairman of SP67, provided a written report that contained the following highlights:
ISA67 Committee Status – Chairman W. Sotos

The committee last met on 9 June 2004 in Colorado Springs, CO. The primary focus of the meeting was to discuss an ongoing issue with the Nuclear Regulatory Commission regarding the calculation of allowable values that SP67.04 is addressing and the status of SP67.03. All other committees are currently inactive.

ISA67.04 Setpoints for Safety-Related Instrumentation Used in Nuclear Power Plants
Chairman – R. Queenan

This committee is very active and met in Colorado Springs, CO. The committee roster was reviewed at this meeting, and based upon the results of two separate communications to the membership the membership roster was revised. All membership responses to the transmitted request of interest were honored in the process. As required by ISA, a tabulation of the elimination or change of status of voting members was created, for presentation to the SP67 Committee for approval, which was granted.

The committee is proceeding with the revision to the Standard and Recommended Practice. The present key issue is the Allowable Value (AV) treatment in the proposed revised standard. The approach being offered is to de-couple the Allowable Value from any reference to the LSSS and to note that the Allowable Value is intended to be a method for indicating operability only. An initial draft standard revision was issued for committee review in August 2004. The review and comment cycle is in progress.

For its next meeting, the ISA67.04 Committee plans to conduct a Web-based conference call on 13 October 2004 to review progress on issues and to further develop the revision to the Standard.

b. SP77 Fossil Fuel Power Plant Standards Committee

Wayne Holland, Co-Chairman of SP77, submitted a written report for SP77 for the SP77 meeting held on 9 June 2004, at the ISA POWID/EPRI 2004 Conference held in Colorado Springs, CO.

c. Honors & Awards

Michael Skoncey, POWID Honors and Awards Chairperson, reported the following 2004 POWID awards were given at the POWID Honors & Awards Program held on 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 Monticello Plant of TXU Energy.

Congratulations go out to Don, Dale, and the TXU-Monticello Electric Generating Plant.

d. Newsletter

Dan Antonellis, POWID Newsletter Editor, submitted a written report that included the following:

The Summer 2004 Newsletter copy was electronically mailed to ISA Headquarters on 2 July 2004 for their review, editing and publication. POWID membership was notified in mid-July that the Summer Newsletter had been published and was available for their retrieval on the ISA Web site.

e. Publicity

Joe Vavrek, Publicity Chairperson, was not in attendance at the POWID ExCom meeting. Wayne Holland reported the following in an email message from Wayne to Joe on 30 June 2004:

Gary Cohee, Dan Lee and I met with Viena Margulies, Director of Advertising for POWER Magazine, on Monday afternoon, 7 June, during our annual POWID/EPRI 2004 Conference in Colorado Springs. Our
thanks to you for arranging this meeting and we wished you could have been with us. The meeting lasted for over an hour. This was a very cordial and productive meeting where we shared views on how our two organizations could benefit from a mutual relationship beyond having *POWER Magazine* as a Contributing Sponsor for our annual conference. We informed Viena that we planned to include a free one-half page advertisement in our POWID Summer 2004 Newsletter for the support that *POWER Magazine* had shown for our annual conference by having a full page ad for our conference in the April and May 2004 issues of *POWER Magazine* at no cost to POWID. Viena went on to say that *POWER Magazine* had approximately 54,000 subscribers worldwide with about 45,000 of those in the United States. These subscribers all have one thing in common, ties and connections with the Power Generation Industry.

Near the conclusion of our discussion, Viena made two proposals for the ISA Power Industry Division to consider.

First, Viena offered POWID a one half page free advertisement in the next upcoming edition of *POWER Magazine*. Viena said the one half page advertisement could cover any message we wanted to display such as future conferences notices, an appeal for membership, etc. She said the only stipulation was that she would need to receive our ad in MSWord or pdf format by 11 July.

Second, Viena proposed that we consider a "supplement" that would be included in a future *POWER Magazine* edition. Viena mentioned the October issue as a potential issue that this supplement would be inserted in. Viena said that she would solicit advertisements from our "typical" vendors to support the cost of this supplement and that POWID would not have to contribute nor be involved in her efforts to solicit vendor support. Viena said that POWID would be expected to provide a two page editorial on any subject matter we wanted to discuss and she suggested we utilize this opportunity to discuss who/what the ISA Power Industry Division is, some history on what we have done and plan to do for the future, highlight future conferences, etc. She said this would be our opportunity to get the message out on what the ISA Power Industry Division is and what we do as an organization to over 54,000 *POWER Magazine* subscribers in our related industry, at no cost to POWID.

As you might expect, Gary and I accepted both proposals from Viena before she had a chance to change her mind. We explained to Viena how POWID is organized and that you served as POWID's Publicity Chair. We also explained that you, as POWID's Publicity Chair, would be her direct interface to our organization, as you have been in the past, promoting our annual conferences.

### Membership

Danny Crow, POWID Membership Chairperson, was not attendance at the POWID ExCom meeting held in Houston. Wayne Holland noted that POWID membership was 2,080 as of 30 June 2004. There has been a slight increase in membership in 2004 compared to a 20% decline in 2003. The membership decline in 2003 is similar to the trends also seen in the other ISA Division memberships and the ISA Society as a whole.

In the Colorado Springs POWID Executive Committee meeting, Wayne Holland noted that Danny, as the POWID Membership Chair, should periodically send an email message to Members who drop their ISA POWID Division membership asking them for the reason they dropped. Danny had said he had wanted to do this but had not received any specific instructions from ISA as to how to access their membership database. As a result, he had not been able to obtain a list of new Members or a list of ISA membership from the ISA membership database, who were dropping their Division membership.

Gary Cohee said he discussed during the Joint A&T/I&S Department Meeting on Sunday, 3 October 2004, getting Power Industry Division Membership information and instructions regarding how to gain access to the ISA membership database to obtain membership add and drop reports, with Rodney Jones, ISA Division Staff support. Rodney said he would look into it.
g. Editorial Review

Don Labbe, POWID Editorial Review Chairperson, was not in attendance. Wayne Holland reported a summary of Don’s Colorado Springs Conference paper status 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 were to be provided at the sessions.
- 90 Reviewers were involved in the review process.
- 1230 Email transactions were undertaken to support the reviews.

h. Historian

Bob Webb, POWID Historian, asked if Don Christopher would be willing to take over as the POWID Historian. Don said he would accept the POWID Historian role. POWID Director Wayne Holland made a motion to approve Don Christopher as the POWID Historian. Mike Skoncey seconded the motion. By voice vote of the POWID Executive Committee members present, Don Christopher was approved as the new POWID Historian.

i. Nominating

Gordon McFarland, as past POWID Director, is the POWID Nominating Committee Chair. Gordon was in attendance at the POWID ExCom meeting held in Houston.

Gary Cohee confirmed that the POWID membership roster currently reflected 32 members. The ISA POWID MOP (Manual of Procedures) states that the membership should consist of 32 members, of whom eight should be vendors, eight should be A/Es, and sixteen should be utility members.

Phil Reeves of Honeywell and Jim Olson of Tennessee Valley Authority were both added to the POWID ExCom at the last POWID ExCom meeting held in Colorado Springs.

j. Long Range Planning

Ron Hicks, POWID’s Long Range Planning Committee Chairperson, was not in attendance at the POWID ExCom meeting held in Colorado Springs. POWID Director Wayne Holland conducted the POWID Long Range Planning Committee meeting in Ron’s absence. The meeting was held from 11:00 a.m. – 12:15 p.m. the same day as the POWID Executive Committee meeting.

Wayne Holland introduced Rodney Jones who was in attendance at this meeting. Rodney is with ISA Staff and has replaced Bill Palmer (who retired from ISA on 1 October) as ISA Administrator, Technical Divisions. Rodney will also handle Conference Hotel site support services for the POWID Nashville conference.

The following items were discussed at the Long Range Planning Committee meeting, and were brought before the POWID Executive Committee by POWID Director Wayne Holland:

1. Proposal for POWID's support for an ISA Annual NOx Emissions and Source Monitoring Technical Conference, to be held in conjunction with and following the 2005 Joint ISA POWID/EPRI Conference in Nashville, and perhaps in conjunction with future POWID/EPRI annual conferences.

See New Business Item VIII b.
2. Proposal for a Scientech NUS Instruments Users Group Meeting to be held in conjunction with and following the 2005 Joint ISA POWID/EPRI Conference in Nashville, and perhaps in conjunction with future POWID/EPRI annual conferences.

3. ISA’s New Venture Initiatives Program

   See Old Business Item VII h.

k. Web Page

Gary Cohee, POWID WEB Page Coordinator, reported on the statistics for the POWID Web site, www.isa.org/~powid:

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<tr>
<th>Year</th>
<th>Hits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999 (1st year site was available)</td>
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<tr>
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<td>1728</td>
</tr>
<tr>
<td>2004</td>
<td>600 (to date this year)</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 will put a hit counter on this site so he can track the usage statistics.

Gary is going to contact Rodney Jones about getting statistics on the ISA POWID Division Web site http://www.isa.org/community/divispowid.

Gary also noted that if any POWID ExCom members had information that they wanted to display to the POWID membership, to send that information to him in electronic form and he would put it on the POWID Web page.

l. Professional Development

Tom Stevenson, Professional Development Chair, reported that he provided 70 PDH certificates for this year’s Colorado Springs conference.

Tom reported ISA has developed a certification program for automation professionals. Certified Automation Professionals (CAPs) are responsible for the direction, design, and deployment of systems and equipment for manufacturing and control systems. ISA certification as a CAP will provide a non-biased, third party, objective assessment and confirmation of your skills as an automation professional.

Tom will be providing PDH certificates for the POWID sessions at the 2004 ISA Houston EXPO Technical Conference.

m. Section/Division Liaison

Bob Hubby, POWID Section/Division Liaison Chair, had nothing new to report.

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 not 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 in Williamsburg, VA. Wayne said the document still needed signatures and that he would contact Ramesh about obtaining the EPRI signatures and Rodney Jones about obtaining the ISA signatures. Wayne said he would obtain signatures on two copies of the document. One document containing the original (not copied) signatures would be the property of EPRI; the other document containing the original (not copied) signatures would be the property of ISA. Wayne said that Rodney Jones would receive the ISA original signature document and Wayne said he would like to see an electronic scanned copy of that document placed on the ISA POWID Web site and listed just after the POWID MOP in the left hand page window address links. Wayne also said that Don Christopher, as the POWID Historian, should receive an electronic copy of the document.

Wayne said that the EPRI/ISA POWID Memorandum of Understanding should serve as our reference document for future POWID/EPRI Joint Conferences. Wayne also said that the lack of a signed MOU had not been a problem, since Cyrus Taft has served as the 2004 Colorado Springs and 2005 Nashville Conferences Program Chair.

Note: Subsequent to the POWID ExCom meeting held on 4 October 2004, POWID Director Wayne Holland forwarded, by US Postal Service, three MOU documents with Wayne’s signature affixed to Ramesh Shanjkar on 3 December 2004, with a memo requesting Ramesh’s and the appropriate EPRI representative’s signature, and with instructions to forward the signed documents to Rodney Jones at ISA, for the appropriate ISA signatures and distribution of the signed documents to the appropriate parties.

b. Available POWID Scholarships

Mike Skoncey, Honors and Awards Chairperson, reported that the outstanding scholarships 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 (note: this Scholarship has been given out)
- Don Christopher 2004 - $4,000

Mike Skoncey noted that of the three outstanding scholarships associated with the POWID Achievement Award recipients, the financial obligations of the scholarships associated with the 2000, 2002 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. Frank Ryan’s 2003 Scholarship has been paid and should show up on the 4th quarter 2004 financials, as this scholarship was funded from the POWID operating (reserve) account.

c. POWID Conference Support Services Review Committee

Roger Hull, POWID Sub-Committee Chair, gave no report.

Gary Cohee reported that ISA has been selected for POWID conference supports services through the 2007 Pittsburgh Conference.

Wayne Holland had introduced Rodney Jones who was in attendance at the POWID Long Range Planning Meeting prior to this meeting. Rodney is with ISA Staff and has replaced Bill Palmer as ISA Administrator, Technical Divisions. Rodney will also handle Conference Hotel site support services for the 2005 POWID Nashville conference.

The Joint ISA POWID/EPRI 2008 Phoenix, Arizona, Conference will be the next conference that will need Conference Support Services’ provider selection. The POWID Conference Support Services Review Sub-Committee was formed to work with the respective Conference General Chair to review potential service
provider options and their costs and make a recommendation to the POWID ExCom as to whether to use ISA or an outside contractor to provide these conference site support services.

d. POWID Organizational Structure Review Committee

The POWID Organizational Structure Review Sub-Committee Chairman is Gordon McFarland. Other committee members include Cyrus Taft, Dan Lee, and Ron Hicks. Dan Lee and Gordon McFarland jointly chaired the POWID Organizational Structure Review Sub-Committee meeting held from 8:20 a.m. to 11:00 a.m. on 4 October, prior to the POWID Executive Committee meeting and the POWID Long Range Planning Committee meeting.

The task for the Organization Structure 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 MOP. Dan Lee provided an updated status of the current POWID MOP draft. The draft update included revisions made by Gordon McFarland and Dan Lee based on author assignments from the committee meeting held in Colorado Springs on 6 June 2004, and from the meeting held earlier on this day.

Dan Lee reviewed what was done at the meetings held in Colorado Springs and earlier this morning in Houston. Mike Skoncey will provide additional input to the Honors and Awards section after this meeting and Dan will incorporate these changes. Dan went over a proposed Ballot for MOP changes. Dan or Gordon will send out for review to POWID ExCom members the revised MOP along with the ballot, and request the ballot be returned this year. If comments or negative ballots received warrant, Dan or Gordon will schedule a POWID Organizational Structure Review Committee meeting prior to the next POWID ExCom meeting to review the comments/ballots received. The goal is to have the proposed changes to the POWID organizational structure and MOP approved before the end of this year. However, if comments or negative ballots received warrant another meeting, this meeting will be scheduled during the Winter/Spring of 2005 to address these comments and/or ballots.

e. New POWID Scholarship Application Form

POWID established a new annual academic scholarship in addition to the academic scholarship associated with the POWID Achievement Award recipient, during the POWID ExCom meeting held in June in Colorado Springs. This scholarship would be for students to apply for through sponsorship by a member of the ISA Power Industry Division. The scholarship will 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 ExCom will determine at its Winter/Spring 2005 meeting the amount of funds available for such a scholarship and will review/approve the recommendation for the selected recipient from the POWID Honors and Awards Chair. The POWID Honors and Awards Chair will develop 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 ExCom of the selected recipient and provide a summary review of all the nominations received. Nominations will 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.

This scholarship is 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 will 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 are not available, the POWID Executive Committee can suspend the scholarship award until the financial situation improves in future years.
Mike Skoncey, Honors and Awards Chairman, will work on the application form for this scholarship and email the new form to the POWID ExCom members for comment and submit it to Dan Antonellis to put in the POWID 2004 Fall Newsletter.

f. ISA’s I&S Department’s “Outstanding Division” Award

POWID Director Wayne Holland reported that it gave him great pleasure to announce that the ISA Power Industry Division was recently chosen by the ISA Honors and Awards Committee, and approved by the ISA Executive Board, as ISA’s “Most Outstanding Division” in the ISA Industries and Sciences Department. Wayne said that this is the seventh year in a row that POWID has been awarded this honor and distinction by ISA and reflects on the efforts and contributions made by all ISA Power Industry Division Members. As a result of this selection, the Power Industry Division will be recognized at the ISA Honors and Awards Banquet (Monday evening, 4 October 2004), at the Hilton Americas-Houston Hotel.

In addition, Wayne said the ISA Automation & Technology (A&T) and Industries & Sciences (I&S) Departments plan a joint Honors & Awards Luncheon on Wednesday, 6 October, from 11:30 a.m. to 1:00 p.m., at the Reliant Center in Houston, during the ISA EXPO 2004 Automation + Control Conference, Training, and Exhibition. Our Power Industry Division will be recognized as the recipient of the ISA I&S Department's “2004 Outstanding Division” award and we plan to recognize the recipients of POWID's 2004 Achievement Award and 2004 Outstanding Service Award, who are Don Christopher and Dale Evely, respectively. We also want to recognize Cyrus Taft as the recipient of being named an ISA Fellow at this luncheon, as Cyrus will receive special recognition at the ISA Honors & Awards Banquet on Monday evening.

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

Wayne Holland reported that he had been informed by Bob Lindeman, ISA Industries and Sciences Department VP, that the ISA Power Industry Division and the ISA Aerospace Division are co-winners for the 2004 ISA Industries and Sciences Department's Communication Award. “This award recognizes the efforts of the division that best communicates on a regular basis with its membership” and the documented communication within a division from the prior year (in this case the year 2003) is used for the evaluation. 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, NC. 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.

4. **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 Members
• Other communications to Division Members (i.e. list-serve)

5. 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.

h. ISA Divisions New Venture Initiatives

POWID Director Wayne Holland reported that a “New Venture Investment Workshop” was held at the ISA Houston President’s Meeting on Saturday, 2 October, from 1:00 p.m. – 4:00 p.m. Bob Hubby had volunteered to be the POWID liaison to this “New Venture Initiative” at the POWID ExCom meeting held in Colorado Springs.

The workshop consisted of a 30-minute presentation followed by a brainstorming session to get ideas on how we can enhance and improve ISA technical divisions.

The following was the NVI Agenda:

Overview of the NVI
Summary of Application Process for NVI Grant
Presentation of Possible Uses for NVI Funds
  • To revitalize Division Symposia
  • To support ideas for Division Services
  • To undertake department study to reinvigorate departments

“New Ventures” as discussed in the workshop are projects or programs that:
  • Are not part of an ongoing activity,
  • Are thought to be worthwhile pursuing to fulfill the objectives of the Society,
  • Have a funding requirement in excess of 25,000

It was asked if anyone had an idea on how the POWID ExCom might use the NVI to help the Power Industry Division. Cyrus Taft brought up student competition and said he would send a proposal to Wayne Holland. Gary Cohee mentioned a Power Point or similar electronic presentation that would promote the ISA Power Industry Division, which could be made available to present at other Industry Meetings and Conferences.

i. Broadening POWID/EPRI Annual Conference Program for Management Appeal

There was no discussion on this topic at this meeting. It was the general belief that Ron Hicks has some fresh ideas to present but Ron was not in attendance so the matter was tabled until a later meeting.

j. ISA POWID / EPRI Joint Conference Name Change

During the previous POWID ExCom meeting held in Colorado Springs, it was discussed that the POWID 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. It had been approved at the POWID ExCom meeting held in Colorado Springs 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 Executive Committee. A ballot was created to be distributed to Colorado Springs conference attendees and to be published in the POWID 2004 Summer Newsletter. All ballots were to go to Roger Hull for tabulation and presentation at our next ExCom meeting to be held in Houston during the ISA President’s Fall Meeting.

Roger Hull reported that he had received eleven responses. The POWID Executive Committee members present reviewed the name change ballots. It was agreed that no one could agree on what the name change should be. The name change was left as an open item to continue at the next POWID Executive Committee meeting.
VIII. NEW BUSINESS

a. ISA Division Scholarship Endowment Fund: Proposed 2nd 2004 Contribution

Wayne Holland began the discussion by noting that Roger Hull had reported (see Financial Report Section V of these minutes) that the POWID division fund balance, as of the end of the second quarter, 30 June 2004, was $30,465. Roger and Wayne had also reported the ISA Division Scholarship Endowment Fund balance had a principle balance of $120,000 for POWID as of 30 June 2004 with $6,173 of interest reported through the 31 December 2003 period. Wayne said the interest earned for 2004 would be added to the fund balance at the end of the year and reflected on the 31 December 2004 fourth quarter ending reports, and the earnings rate was expected to be approximately 5%.

Wayne also noted that we had approved an additional annual, but non-binding scholarship if funds were available during the POWID ExCom meeting held in Colorado Springs.

Wayne made a motion for the POWID ExCom to approve an additional $20,000 be transferred from the POWID Operating Fund to the ISA Division Scholarship Endowment Fund. To facilitate the discussion on this proposal, Wayne reviewed a part of the email message that he had sent on 1 October 2004, to POWID ExCom Members, on the subject of Division finances.

Wayne then made a motion that a second 2004 ISA Division Scholarship Endowment Fund contribution of $20,000 that would be again matched by ISA. This additional money ($40,000 total) in the POWID account of the ISA Division Scholarship Endowment Fund would help insure that POWID could continue providing scholarships without any dependence upon the Division’s financial performance.

Gary Cohee seconded the motion and Wayne asked for a discussion on the motion. Cyrus Taft said that he was not sure if academic scholarships were the best place for POWID to spend its surplus funds and was concerned that the interest earned in the ISA Division Scholarship Endowment Fund was restricted to payouts involving academic scholarships only. Cyrus suggested contributions to the ISA Student Competition event might be another way of encouraging younger members to ISA and the Power Industry Division. Wayne said his goal was to see that our two annual scholarships were adequately funded for future years while we had the funds in our operating fund to transfer and while ISA was 100% matching Division contributions to the Scholarship Endowment Fund. Wayne said we currently had a balance of approximately $128,000 in the ISA Scholarship Endowment Fund of which approximately $120,000 was principle and the balance was earnings to date. Wayne said that he thought POWID would need to have about $200,000 in principle funds in this Scholarship Endowment Fund to be able to perpetually generate two annual $4,000 academic scholarships (one associated with the POWID Achievement Award and one associated with the POWID R. N. Hubby Academic Scholarship) without any recourse to the Power Industry Division’s financial condition. Wayne said that an additional $20,000 contribution by POWID now, while POWID has an operating fund surplus balance, and a matching $20,000 pledge by ISA, would bring our principle balance in the ISA Scholarship Endowment Fund to $160,000. Wayne said the additional funds needed to reach a balance of $200,000 in POWID’s account in the ISA Scholarship Endowment Fund would depend upon how successful POWID was in conducting its annual conferences and if ISA continued to match at 100% a Division’s contribution.

After much discussion on where was the best place POWID could spend its current surplus funds to encourage younger individuals to join ISA and the Power Industry Division and for other uses for POWID’s surplus funds, and a discussion on the potential net proceeds from our 2004 Colorado Springs Conference, a compromise was reached to amend the motion to reduce the proposed contribution to the ISA Division Scholarship Endowment Fund from an amount of $20,000 to an amount of $10,000, with the stipulation that ISA would match this $10,000 with a matching $10,000 amount. POWID Director Wayne Holland agreed to amend his earlier proposal and Gary Cohee seconded the amended motion.

By a voice vote of fourteen to four, the POWID Executive Committee approved the motion to contribute $10,000 to the ISA Division Scholarship Endowment Fund with the stipulation that ISA would match this
contribution by an equal amount of $10,000. Wayne said that as the Division Director, he would notify the appropriate individuals at ISA to make this transfer effective during the month of October and confirm the 100% matching funds. Wayne said the contribution should be reflected on the ISA Division Quarterly Financial Statements for the period ending 31 December 2004, for the 2004 fourth quarter period. This statement, which will probably be posted to the ISA Web site in early February 2005 should also reflect the final net proceeds received from our 2004 Colorado Springs Conference.

b. ISA NOx Conference and ISA POWID Participation

The following items were discussed at the POWID Long Range Planning Committee meeting held earlier on the same day and were brought before the POWID Executive Committee by POWID Director Wayne Holland:

POWID's support for ISA Annual NOx Emissions and Source Monitoring Technical Conference.

Wayne Holland had introduced Rodney Jones who was in attendance at the Long Range Planning Committee meeting. Rodney is with ISA Staff and has replaced Bill Palmer as ISA Administrator, Technical Divisions. Rodney will also handle Conference Hotel support services for the Joint 2005 ISA POWID/EPRI Nashville Conference. Rodney also handles the ISA NOx Conference for ISA.

Back in late July of 2004, Rodney Jones had contacted POWID Director Wayne Holland about the ISA Power Industry Division sponsoring an ISA NOx Conference scheduled for early November of 2004 in Baltimore, Maryland. POWID had not been involved heretofore with any aspects of this ISA 2004 NOx Conference. As the POWID Director, Wayne Holland responded to Rodney Jones’ request for POWID’s sponsorship of the ISA NOx Conference in a letter dated 30 July 2004. In this letter, Wayne explained to Rodney that the POWID ExCom had voted to not be affiliated with future ISA NOx Conferences when ISA’s Orlando Metcalf had put forth a similar proposal before the POWID ExCom meeting held in Houston, in October 2003. Wayne did suggest to Rodney that perhaps ISA would consider conducting their next ISA NOx Conference in conjunction with and following POWID’s annual Joint 2005 ISA POWID/EPRI Conference in Nashville, scheduled for early June. If ISA was interested in this proposed arrangement, Wayne suggested that Rodney request a time slot at the next meeting of the POWID Long Range Planning Committee, which was scheduled for the morning of 4 October 2004, to make such a proposal.

As a result, Rodney made a formal request for POWID to consider sponsoring the ISA NOx Workshop at the 2005 POWID Nashville Conference during the POWID Long Range Planning Committee meeting held earlier this same day. After much discussion of Rodney Jones’ earlier proposal and its ramifications on POWID’s annual conference, Allan Zadiraka made a motion for POWID to sponsor the ISA NOx Conference contingent on ISA approving a Memorandum of Understanding between ISA and POWID. Phil Reeves seconded the motion. By voice vote of the POWID Executive Committee members present, the motion was approved. As the Joint 2005 ISA POWID/EPRI Conference Program Chair, Cyrus Taft opposed the motion, and requested the minutes of the meeting reflect his opposition.

It was decided that Gary Cohee would prepare a preliminary “ISA POWID Conference and ISA NOx Workshop Memorandum of Understanding.” Gary would have it reviewed by Cyrus Taft, Denny Younie, Bob Hubby, Wayne Holland and Dan Lee. Hopefully this would not cause problems with any additional hotel contract negotiations and advertisements that are needed for the Nashville Conference by adding the ISA NOx Workshop. This MOU will be sent to ISA (Rodney Jones) by Wayne Holland, the present POWID Director. Wayne said the ISA Executive Director (currently Rob Renner) would need to sign the document for ISA along with Rodney Jones and that he, as the current POWID Director, and Denny Younie, as the Conference General Chair, would need to sign the MOU for POWID.

c. Scientech NUS Instruments Users Group Meeting at ISA POWID/EPRI Conference

The following edited summary was taken from an email message dated 19 October 2004, from POWID Director Wayne Holland to Fred Unger of Scientech, following the POWID ExCom meeting held on 4 October.
This summary has been edited to reflect a representation of the discussion that ensued during the POWID ExCom’s consideration of Fred Ungar of Scientech’s proposal regarding conducting a Scientech Users’ Group Meeting following the Joint 2005 ISA POWID/EPRI Conference to be held in Nashville.

Fred Unger of Scientech made a power point presentation at our ISA Power Industry Division's Long Range Planning Committee meeting held on the morning of 4 October 2004 during the ISA President's Fall Meeting in Houston, Texas. His presentation involved an overview of Scientech's business involvement in the Power Industry, in particular the nuclear segment, and a proposal to POWID to conduct the Scientech's annual User's Group meeting following the annual Joint ISA POWID/EPRI Controls and Instrumentation Conference. He did an excellent job in illustrating how Scientech's annual User's Group meeting would bring synergism to the annual Joint ISA POWID/EPRI Conference and that Scientech's User's Group meeting would offer some additional technical content for our attendees from the nuclear power generation side of our organization. He proposed that the Scientech User's Group meeting be held on the Thursday and Friday following the ending of our technical paper sessions on Wednesday afternoon.

During the ISA Power Industry Division ExCom meeting, his proposal was discussed at some length with much of the focus of the discussion concerning the merits of his proposal and weighing the synergism of having a specific vendor user's group meeting following our annual conference.

The decision made by the POWID ExCom was to not enter into a formal alliance with Scientech for our upcoming 2005 Joint ISA POWID/EPRI Controls and Instrumentation Conference to be held the week of 5-10 June 2005, at the Millennium Maxwell House Hotel in Nashville, Tennessee. This decision was made because there is only about seven months remaining in the schedule before the conference, and the overall general feeling that it is too late to accommodate any additional alliances for this conference at this time. As a footnote, the POWID Executive Committee did approve to allow ISA to conduct a NOx Workshop following the annual Joint ISA POWID/EPRI Conference if all arrangements can be worked out. Although the Scientech's User's Group Meeting and the ISA NOx Workshop would not attract the same attendees, and thus should not compete with each other, there was acknowledgement of the difficulty of fitting this extra ISA event into the framework of the annual ISA POWID/EPRI Conference and trying to fit a vendor's user's group meeting in.

The POWID ExCom did, however, approve a recommendation that a dialog be set up between Scientech and the 2006 Joint ISA POWID/EPRI Conference leadership team. The General Chair is Margie Widmeyer and the ISA Program Chair is Bob Webb. An EPRI Program Chair has not been named at this time. Both Margie and Bob appear to be receptive and optimistic that some type of collaborative arrangement can be agreed to. Also, Bob Sotos, the ISA SP67 Nuclear Power Plant Standards Committee Chairman, wanted to be a part of this proposed dialog. The target date for this conference is June of 2006. Any agreement and recommendations that come forth from this dialog between POWID members and Scientech will be subject to approval by the POWID ExCom and ISA.

The decisions made by the POWID ExCom does not preclude Scientech from conducting a user's group meeting at a hotel where POWID is conducting one of its conferences. This is an option that remains open to any vendor. We certainly hope that any such meeting would not be scheduled in a manner that would conflict with our conference's technical programming sessions. We hope that Scientech will be interested in participating in a dialog with our 2006 conference leadership team and I remain confident that some type of mutually beneficial arrangement for our two organizations will come forth from this dialog.

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 Executive Committee Meeting. Cyrus reported the Technical Program for the conference covered 2½ days from Monday morning, 7 June, until noon on Wednesday, 9 June. There was one opening plenary session followed by eight 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.

Denny Younie reported that there were 18 tabletop display exhibits. He had recruited three major sponsors ($5000 contribution each): Honeywell, the Wood Group, and the Woodward Governor Company. POWER 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 Magazine, in lieu of the $5,000 contribution.

Dennie Younie said he still had not received a final financial report from ISA on the conference. He will contact Rodney Jones ISA Senior Administrator, Technical Divisions, about this. Denny reported that there were 161 attendees at the conference

b. Milan, Italy, Europe BIAS Conference – 16-17 September 2004

Bob Hubby, Technical Program Coordinator for ISA at the BISA Conference, reported the following:

Your Power Industry Division went 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 of ISA. This programming at BIAS is a first for ISA divisions to program outside the US (and North America).

Six technical sessions were held over the one and one half days of technical programming as listed below.

Session 1: Welcome and Introductions
Session 2: Advanced Control Application Experience
Session 3: Combustion Monitoring and Optimization
Session 4: Environmental Issues
Session 5: Cyber Security
Session 6: Emerging Applications

The highlight of the technical sessions was the 13 excellent papers from the Joint ISA Power Industry Division / EPRI 2004 Symposium held earlier in June in Colorado Springs. The Analysis Division provided two fine papers. Two new Power Industry Division papers and one Power Industry Division presentation by European authors/business representatives gave a true international flavor to 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 presenters. 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 their papers in the 2005 Joint ISA Power Industry Division / EPRI Symposium to be held in Nashville and will be included in the 2005 Symposium proceedings.

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

Both Denny Younie and Cyrus Taft were in attendance in Houston.
Wayne Holland reported that he was still waiting for approval of the ISA POWID/EPRI 2005 Joint Conference-Nashville Budget Rev. E from ISA Headquarters (Bob Lindeman, ISA I&S Department VP). This budget had been submitted to ISA as preliminary in March 2004, and approved by the POWID ExCom at the meeting held on 6 June during the 2004 Colorado Springs Conference.

Denny reported that hotel contract negotiations were still going on between ISA (Charlotte Clayton, ISA Manager of Meetings) and the Millennium Maxwell House Hotel, Nashville TN. Wayne Holland passed around a preliminary agreement dated 7 September 2004, from Ms. Theresa Elder-Smith, Director of Sales & Marketing, of the Millennium Maxwell House Hotel, which included the proposed and preliminarily agreed to terms and conditions. A conference call would be scheduled in the near future to discuss the hotel contract with Charlotte Clayton. It was noted there was a possible agreement with ISA to schedule the ISA NOx Workshop during the Nashville conference (see New Business Item VIII b). We do not want to jeopardize the agreements that have been negotiated with the Millennium Maxwell House Hotel to fit the ISA NOx Workshop in with our event.

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

Both Bob Webb and Marjorie Widmeyer were in Houston, however due to other meeting commitments and an early departure, Marjorie was unable to attend the POWID ExCom meeting.

Gary Cohee noted that the 2006 Las Vegas Conference budget needed to be submitted to the POWID ExCom for approval in their next February 2005 meeting and then to ISA by the end of March 2005. Gary said that he would email the 2005 Nashville Conference budget to both Bob and Marjorie for them to use as a guide.

Charlotte Clayton, ISA Manager of Meetings, provided a list of six conference hotel options in Las Vegas for the POWID Executive Committee to consider. Gary Cohee noted that it was the goal to have a hotel selected with contract in place so it could be announced at the June 2005 Nashville POWID Conference.

e. Pittsburgh 2007 – Mike Skoncey, General Chair, Allan Zadiraka, Program Chair, Date: TBD

Both Mike Skoncey and Allan Zadiraka were present in Houston.

Mike reported that Charlotte Clayton, ISA Manager of Meetings, is working on a hotel contract with the Pittsburgh Sheraton Station Square hotel. 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.

X. ISA TECH/EXPO CONFERENCES

a. Houston, Texas, ISA EXPO 2004 Conference & Exhibit; 5-7 October 2004

Danny Crow, POWID Program Coordinator for this conference, submitted the following report. He will have three technical sessions. The session developers are Roger Hull, Tom Stevenson, & Tim McCreary.

**Session ISA04-S088**

Session Developer - Timothy McCreary - HFC Controls

Session Title - Plant Performance Improvement I

Papers:

1. Author - Marino 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 Center for Atomic Research
     Title - Process Instrumentation Systems for 1/4 Scale Reactor Assembly Model of PFBR

b. Chicago, Illinois, ISA 2005 Conference & Exhibit

A POWID Program Coordinator for this conference and session developers are needed. A Call for Papers would need to be placed in our Fall/Winter 2004 POWID Newsletter. Wayne Holland has defined the duties of the ISA Fall Conference POWID Program Coordinator and this write-up is being incorporated into the revised POWID MOP by Gordon McFarland and Dan Lee. Wayne said that he has asked a member of the POWID ExCom to consider this role and is awaiting his response.

XI. NEXT EXECUTIVE COMMITTEE MEETING

Gary Cohee, the incoming 2005-2006 POWID Director, noted we normally would have the next POWID ExCom meeting and SP77 Standards meetings at the ISA Presidents Spring Meeting (PSM). Because the ISA PSM is being held the first week of May 2005, in Portland, OR, this only leaves four weeks till the 2005 Joint Nashville ISA POWID/EPRI Conference which is scheduled to be held 5-10 June 2005. With this short time between meetings, it was decided to have the next POWID ExCom meeting at ISA Headquarters in RTP, NC, on 22 February 2005, and not have the POWID ExCom meeting at the ISA President’s Spring Meeting in May in Portland, OR.

XII. ADJOURNMENT

The POWID ExCom meeting was adjourned at 5:10 p.m., CDT.
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