



INSULATED CONDUCTORS COMMITTEE
Spring 2008 Meeting, St. Pete Beach, FL

Established 1947

Opening Session

Shantanu (Shan) Nandi





ICC Mission

To continuously improve the fundamental technological understanding, practical application, and safe use of conductors having applied insulation or coverings.



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ICC Website

www.pesicc.org





Goals

- ICC as a world class organization.
- Opportunities for younger engineers.
- Honor the experienced engineers.
- Seek their expertise.



Thank you

- Administrative committee
- James Fitzgerald, Outgoing Chair
- Rachel Mosier, V-Chair



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Few Words

James Fitzgerald
Outgoing Chair, ICC





On-Line Registration

- Completed successfully using credit cards.
- ICC Web Site host changed from IEEE to Crystal Tech.
- Operational Cost has increased.
- Registration price-increase possible in future.



Meeting Agenda

- Preliminary agenda was issued 2 months prior to the meeting – **Goal met!**
- Helped attendees to get the needed approval
- Credit due to Officers, Chairs, V-chairs, presenters



Meeting Registration Summary

- Pre-Registration - 307
- Trans-national Sessions - 160
- Education Program - 70
- Table Top Vendors - 9



IEEE Patent Policy

The IEEE-SA strongly recommends that at each WG meeting the chair or a designee:

- Show slides #1 through #5 of this presentation
- Advise the WG attendees that:
 - The IEEE's patent policy is consistent with the ANSI patent policy and is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
 - Early identification of patent claims which may be essential for the use of standards under development is encouraged;
 - There may be Essential Patent Claims of which the IEEE is not aware. Additionally, neither the IEEE, the WG, nor the WG chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.
- Instruct the WG Secretary to record in the minutes of the relevant WG meeting:
 - That the foregoing information was provided and the five slides were shown;
 - That the chair or designee provided an opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) that the participant believes may be essential for the use of that standard;
 - Any responses that were given, specifically the patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.
 - It is recommended that the WG chair review the guidance in the *Standards Companion* on inclusion of potential Essential Patent Claims by normative reference.

Note: **WG** includes Working Groups, Task Groups, and other standards-developing committees.





IEEE Patent Policy (Cont'd)

- **Participants have a duty to tell the IEEE if they know (based on personal awareness) of potentially Essential Patent Claims they or their employer own**
- **Participants are encouraged to tell the IEEE if they know of potentially Essential Patent Claims owned by others**
 - This encouragement is particularly strong as the third party may not be a participant in the standards process
- **Working Group required to request assurance**
- **Early assurance is encouraged**
- **Terms of assurance shall be either:**
 - Reasonable and nondiscriminatory, with or without monetary compensation; or,
 - A statement of non-assertion of patent rights
- **Assurances**
 - Shall be provided on the IEEE-SA Standards Board approved LOA form
 - May optionally include not-to-exceed rates, terms, and conditions
 - Shall not be circumvented through sale or transfer of patents
 - Shall be brought to the attention of any future assignees or transferees
 - Shall apply to Affiliates unless explicitly excluded
 - Are irrevocable once submitted and accepted
 - Shall be supplemented if Submitter becomes aware of other potential Essential Patent Claims
- **A "Blanket Letter of Assurance" may be provided at the option of the patent holder**
- **A patent holder has no duty to perform a patent search**
- **Full policy available at <http://standards.ieee.org/guides/bylaws/sect6-7.html#6>**



IEEE Patent Policy (Cont'd)

6.2 Policy

IEEE standards may be drafted in terms that include the use of Essential Patent Claims. If the IEEE receives notice that a [Proposed] IEEE Standard may require the use of a potential Essential Patent Claim, the IEEE shall request licensing assurance, on the IEEE Standards Board approved Letter of Assurance form, from the patent holder or patent applicant. The IEEE shall request this assurance without coercion.

The Submitter of the Letter of Assurance may, after Reasonable and Good Faith Inquiry, indicate it is not aware of any Patent Claims that the Submitter may own, control, or have the ability to license that might be or become Essential Patent Claims. If the patent holder or patent applicant provides an assurance, it should do so as soon as reasonably feasible in the standards development process. This assurance shall be provided prior to the Standards Board's approval of the standard. This assurance shall be provided prior to a reaffirmation if the IEEE receives notice of a potential Essential Patent Claim after the standard's approval or a prior reaffirmation. An asserted potential Essential Patent Claim for which an assurance cannot be obtained (e.g., a Letter of Assurance is not provided or the Letter of Assurance indicates that assurance is not being provided) shall be referred to the Patent Committee.

A Letter of Assurance shall be either:

- a) A general disclaimer to the effect that the Submitter without conditions will not enforce any present or future Essential Patent Claims against any person or entity making, using, selling, offering to sell, importing, distributing, or implementing a compliant implementation of the standard; or
- b) A statement that a license for a compliant implementation of the standard will be made available to an unrestricted number of applicants on a worldwide basis without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination. At its sole option, the Submitter may provide with its assurance any of the following: (i) a not-to-exceed license fee or rate commitment, (ii) a sample license agreement, or (iii) one or more material licensing terms.



IEEE Patent Policy (Cont'd)

Copies of an Accepted LOA may be provided to the working group, but shall not be discussed, at any standards working group meeting.

The Submitter and all Affiliates (other than those Affiliates excluded in a Letter of Assurance) shall not assign or otherwise transfer any rights in any Essential Patent Claims that are the subject of such Letter of Assurance that they hold, control, or have the ability to license with the intent of circumventing or negating any of the representations and commitments made in such Letter of Assurance.

The Submitter of a Letter of Assurance shall agree (a) to provide notice of a Letter of Assurance either through a Statement of Encumbrance or by binding any assignee or transferee to the terms of such Letter of Assurance; and (b) to require its assignee or transferee to (i) agree to similarly provide such notice and (ii) to bind its assignees or transferees to agree to provide such notice as described in (a) and (b).

This assurance shall apply to the Submitter and its Affiliates except those Affiliates the Submitter specifically excludes on the relevant Letter of Assurance.

If, after providing a Letter of Assurance to the IEEE, the Submitter becomes aware of additional Patent Claim(s) not already covered by an existing Letter of Assurance that are owned, controlled, or licensable by the Submitter that may be or become Essential Patent Claim(s) for the same IEEE Standard but are not the subject of an existing Letter of Assurance, then such Submitter shall submit a Letter of Assurance stating its position regarding enforcement or licensing of such Patent Claims. For the purposes of this commitment, the Submitter is deemed to be aware if any of the following individuals who are from, employed by, or otherwise represent the Submitter have personal knowledge of additional potential Essential Patent Claims, owned or controlled by the Submitter, related to a [Proposed] IEEE Standard and not already the subject of a previously submitted Letter of Assurance: (a) past or present participants in the development of the [Proposed] IEEE Standard, or (b) the individual executing the previously submitted Letter of Assurance.



IEEE Patent Policy (Cont'd)

The assurance is irrevocable once submitted and accepted and shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal.

The IEEE is not responsible for identifying Essential Patent Claims for which a license may be required, for conducting inquiries into the legal validity or scope of those Patent Claims, or for determining whether any licensing terms or conditions are reasonable or non-discriminatory.

Nothing in this policy shall be interpreted as giving rise to a duty to conduct a patent search. No license is implied by the submission of a Letter of Assurance.

In order for IEEE's patent policy to function efficiently, individuals participating in the standards development process: (a) shall inform the IEEE (or cause the IEEE to be informed) of the holder of any potential Essential Patent Claims of which they are personally aware and that are not already the subject of an existing Letter of Assurance, owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents; and (b) should inform the IEEE (or cause the IEEE to be informed) of any other holders of such potential Essential Patent Claims that are not already the subject of an existing Letter of Assurance.



IEEE Patent Policy (Cont'd)

- **All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.**
- **Don't discuss the interpretation, validity, or essentiality of patents/patent claims.**
- **Don't discuss specific license rates, terms, or conditions.**
 - Relative costs, including licensing costs of essential patent claims, of different technical approaches may be discussed in standards development meetings.
 - Technical considerations remain primary focus
- **Don't discuss fixing product prices, allocation of customers, or dividing sales markets.**
- **Don't discuss the status or substance of ongoing or threatened litigation.**
- **Don't be silent if inappropriate topics are discussed... do formally object.**

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/board/pat/index.html>

See *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and "Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy" for more details.



Minutes

**“The IEEE policy regarding
Copyright and Patent
responsibilities was discussed”**



Future Meetings

Meeting	Location	Date(Fri-Fri)
PES T&D	McCormick Place Chicago, IL	4/21—4/24
Fall '08	Grand Hyatt San Antonio TX	10/24—10/31
Spring '09	Rosen Centre Orlando, FL	5/15—5/22
Fall '09	Doubletree Scottsdale, AZ	11/6—11/13



Vendor Issues

- Some Vendor meetings are in conflict with ICC meetings.
- Vendor Rules quantified.
- Generally, No vendor meetings during ICC hours.



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Review of Fundamentals





1. Passion

- Believe you can make a difference
- Demonstrate a sense of urgency

2. Ownership & Accountability

- Provide direction & set expectations for the WG
- Energize your WG

3. Diversity

- Appreciate diverse perspective & recognize their value with due respect





4. Communication

- Actively listen; address different views and opinions
- Be a team player
- Be available and approachable

5. Development

- Encourage learning and skill Development
- Support questioning attitude but don't allow slow down of meeting progress



6. Celebration

- Celebrate progress and recognize results

7. Personal growth

- Stress free meeting; learn, teach, share & contribute, respect for everyone



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Meeting Process

RACHEL MOSIER





Achieving the mission

- Active participation!
 - Working on standards and guides;
 - Sharing experiences and knowledge through presentations;
 - Writing papers;
 - **Exchange** of information with other members



ICC is not a Free Ride

- ICC is what we make of it.
- ICC is NOT for spectators.
- ICC is an **interactive** group among **all parties**, i.e., utilities, manufacturers, consultants, service providers, researchers, etc.



Contributors Wanted

- A small group of presenters has been providing the bulk of the presentations.
- What about the rest of you?
- There is *no seniority* required to make a presentation. Everyone is welcome and urged to participate!



What's in it for You?

- By presenting and participating, the ICC will be the best it can be.
- You'll receive support and admiration from fellow ICCr's.
- The ICC has an impressive Award and Recognition Program



Now that You've Decided to Participate . . .

- Contact any Chair or Vice-Chair.

OR

- See anyone with a Blue ID Tag.

OR

- Raise your hand at a meeting.



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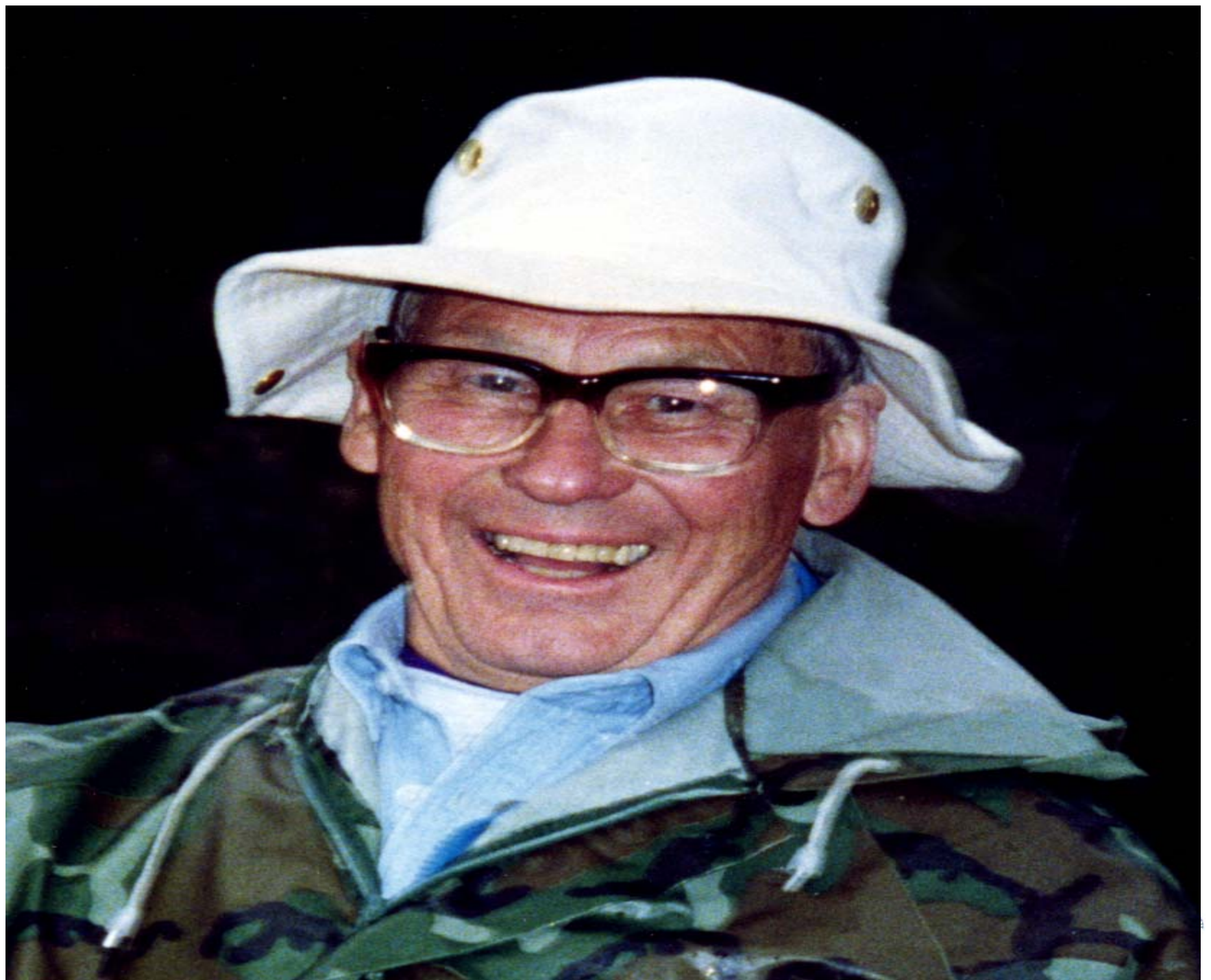
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Eulogy

by

Dave Purnhagen







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Spring 2008 Insulated Conductors Committee Awards

Lauri J. Hiivala





Awards

- ICC Certificates of Appreciation
- IEEE/PES Technical Committee Certificates of Appreciation
- 2008 IEEE/PES Technical Committee Prize Paper Award
- 2008 IEEE/PES Technical Committee Working Group Recognition Award
- 2008 IEEE/PES Technical Committee Distinguished Service Award
- Dr. George H. Bahder Memorial Award



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ADHOC MEETING

**Damped AC Voltage (Oscillating Wave)
Testing**

Gulski/Boone

Wednesday March 12, 2008

8:00 am –10:00 am

Sawgrass





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THANK YOU
HAVE
A
GREAT
MEETING

