

[Email This Letter](#)

26 September 2005

Shantanu Nandi  
Commonwealth Edison  
2 Lincoln Center  
Oakbrook Terrace, IL 60181-4260  
s.nandi@ieee.org

Re: P48 - Standard Test Procedures and Requirements for Alternating Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV

Dear Shantanu:

I am pleased to inform you that on 22 September 2005 the IEEE-SA Standards Board approved the above referenced project until 31 December 2009. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/48.pdf>.

Now that your project has been approved, please forward a roster of participants involved in the development of this project. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2i under Duties of the Sponsor which states:

"Submit annually to the IEEE Standards Department an electronic roster of individuals participating on standards projects"

For your convenience, an Excel spreadsheet for your use has been posted on our website at <http://standards.ieee.org/guides/par/roster.xls>. Please forward this list to me via e-mail at [j.haasz@ieee.org](mailto:j.haasz@ieee.org) no later than 21 December 2005.

Please visit our website, IEEE Standards Development Online (<http://standards.ieee.org/resources/development/index.html>), for tools, forms and training to assist you in the standards development process. Also, we strongly recommend that a copy of your draft be sent to this office for review prior to the final vote by the working group to allow for a quick review by editorial staff before sponsor balloting begins.

If you should have any further questions, please contact me at 732-562-6367 or by email at [j.haasz@ieee.org](mailto:j.haasz@ieee.org).

Sincerely,

Jodi Haasz  
Program Manager  
International Stds Programs and Governance  
Standards Activities  
Phone +1 732 562 6367  
FAX +1 732 875 0695  
Email: [j.haasz@ieee.org](mailto:j.haasz@ieee.org)

CC: [wltaylor1@mmm.com](mailto:wltaylor1@mmm.com), [jimbr@connexusenergy.com](mailto:jimbr@connexusenergy.com), [wltaylor1@mmm.com](mailto:wltaylor1@mmm.com),  
[stds-pes-scc@ieee.org](mailto:stds-pes-scc@ieee.org)

# PAR FORM

**PAR Status:** Revision PAR  
**PAR Approval Date:** 2005-09-22  
**PAR Signature Page on File:** Yes

**1. Assigned Project Number:** P48

**2. Sponsor Date of Request:** 2005-07-13

**3. Type of Document:**

**4. Title of Document:**

**Draft:** Standard Test Procedures and Requirements for Alternating Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV

**5. Life Cycle:** Full-Use

**6. Type of Project:**

**6a. Is this an update to an existing PAR?** No

**6b. The Project is a:** Revision of Std 48-1996

**7. Working Group Information:**

**Name of Working Group:** (B1D) Revision of IEEE 48 - Cable Termination Standard  
**Approximate Number of Expected Working Group Members:**35

**8. Contact information for Working Group Chair:**

**Name of Working Group Chair:** Jim Braun  
**Telephone:** 763-323-2802 **FAX:** 763-506-9566  
**Email:** jimbr@connexusenergy.com

**9. Contact information for Co-Chair/Official Reporter, Project Editor or Document Custodian if different from the Working Group Chair:**

**Name of Co-Chair/Official Reporter, Project Editor or Document Custodian:** Bill Taylor  
**Telephone:** 512-948-5019 **FAX:** 512-984-2523  
**Email:** wltaylor1@mmm.com

**10. Contact information for Sponsoring Society or Standards Coordinating Committee:**  
**Name of Sponsoring Society and Committee:** IEEE Power Engineering Society Insulated Conductors

**Name of Sponsoring Committee Chair:** Bill Taylor  
**Telephone:** 512-948-5019 **FAX:** 512-984-2523  
**Email:** wltaylor1@mmm.com

**Name of Liaison Rep. (if different from the Sponsor Chair):** Shantanu Nandi  
**Telephone:** 630-576-6910 **FAX:** 630-437-2309

**Email:** s.nandi@ieee.org

**Name of Co-Sponsoring Society and Committee:**

**Name of Co-Sponsoring Committee Chair:**

**Telephone: FAX:**

**Email:**

**Name of Liaison Rep. (if different from the Sponsor Chair):**

**Telephone: FAX:**

**Email:**

**11. The Type of ballot is:** Individual Sponsor Ballot

**Expected Date of Submission for Initial Sponsor Ballot:** July 2008

**12. Projected Completion Date for Submittal to RevCom:** July 2009

**Target Extension Request Information for a Modified PAR whose completion date is being extended past the original four-year life of the PAR:**

**13. Scope of Proposed Project:**

This standard covers all indoor and outdoor cable terminations used on alternating-current shielded cables having laminated insulation rated 2.5 kV through 765 kV and extruded insulation rated 2.5 kV through 500 kV, except separable insulated connectors, which are covered by IEEE Std. 386-1995, IEEE Standard for Separable insulated Conductor Systems for Power Distribution Systems Above 600 V.

**Is the completion of this document contingent upon the completion of another document?**

No

**14. Purpose of Proposed Project:**

The purpose is to make minor revisions and up-date the document. In addition, IEEE 48 (Termination Standard) will be coordinated with IEEE 404-2000 (IEEE Standard for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2500 to 500 000 V) to accommodate the testing of both cable accessories simultaneously.

**15. Reason for the Proposed Project:**

The reason for this project is to make minor revisions and up-date the document. In addition; IEEE 48 (Termination Standard) will be coordinated with IEEE 404 (Joint Standard) to accommodate the testing of both cable accessories simultaneously. The benefits are to reduce cost and save time by qualifying terminations and joints simultaneously. The stakeholders are electric utilities, contractors and manufacturers of cable accessories.

**16. Intellectual Property:**

**a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR?** Yes 2005-04-19

**b. Is the sponsor aware of copyright permissions needed for this project?** No

**c. Is the sponsor aware of trademarks that apply to this project?** No

**d. Is the sponsor aware of possible registration activity related to this project?** No

**17. Are there other documents or projects with a similar scope?** No

**Similar Scope Project Information:**

**18. Is there potential for this document (in part or in whole) to be adopted by another national, regional or international organization?** Do not know at this time

**If yes, the following questions must be answered:**

**Organization Name?**

**Technical**

**Committee**

**International**

**Contact**

**Information?**

**19. Will this project result in any health, safety, or environmental guidance that affects or applies to human health or safety?** No

**If yes, please explain:**

**20. Sponsor Information**

**a. Is the scope of this project within the approved/scope/definition of the Sponsor's Charter?** Yes

**If no, please explain:**

**b. The Sponsor's procedures have been accepted by the IEEE-SA Standards Board Audit Committee?** Yes

**21. Additional Explanatory Notes: (Item Number and Explanation)**

Item #13 - The 1996 document refers to both laminated and extruded cables rated 2.5 kV through 765 kV. The proposed revision is intended to add clarity by separating the voltage ratings for each: laminated insulation rated 2.5kV through 765 kV and extruded insulation rated 2.5 kV through 500 kV. There are no other changes in the scope of the document.