

[Email This Letter](#)

30 October 2003

James Thomas  
MPR Associates Inc.  
140 Mustang Circle  
Simpsonville, SC 29681  
jthomas@mpra.com

Re: P572 - Standard for Qualification of Class 1E Connection Assemblies for Nuclear Power Generating Stations

Dear James:

I am pleased to inform you that on 30 October 2003 the IEEE-SA Standards Board approved the above referenced project until 31 December 2007. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/572.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 5.1.2f 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 28 January 2004.

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 +1 208 460 5300  
Email: [j.haasz@ieee.org](mailto:j.haasz@ieee.org)

cc: [William.l.hadovski@us.westinghouse.com](mailto:William.l.hadovski@us.westinghouse.com), [sa@ieee.org](mailto:sa@ieee.org), [jack.carter@shawgrp.com](mailto:jack.carter@shawgrp.com), [stds-pes-scc@ieee.org](mailto:stds-pes-scc@ieee.org)

# PAR FORM

**PAR Status:** Revision PAR  
**PAR Approval Date:** 2003-10-30  
**PAR Signature Page on File:** Yes  
**Review of Standards Development Process:** No

**1. Assigned Project Number:** 572

**2. Sponsor Date of Request:** 2003-09-17

**3. Type of Document:** Standard for

**4. Title of Document:**

**Draft:** Standard for Qualification of Class 1E Connection Assemblies for Nuclear Power Generating Stations

**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 572-1985

**7. Contact Information of Working Group:**

**Name of Working Group:** IEEE/NPEC/SC 2.11

**Name of Working Group Chair:** William L Hadovski

**Telephone:** 860-731-6258 **FAX:** 860-731-6256

**Email:** William.l.hadovski@us.westinghouse.com

**8. Contact Information of Official Reporter (If different than Working Group Chair)**

**Name of Official Reporter:** (if different than WG contact) Satish K Aggarwal

**Telephone:** 301-415-6005 **FAX:** 301-415-5074

**Email:** sa@ieee.org

**9. Contact Information of Sponsoring Society or Standards Coordinating Committee:**

**Name of Sponsoring Society and Committee:** Power Engineering Society Nuclear Power Engineering

**Name of Sponsoring Committee Chair:** John P Carter

**Telephone:** 617-589-1518 **FAX:** 617-589-5501

**Email:** jack.carter@shawgrp.com

**Name of Liaison Rep. (If different than Sponsor Chair):** James Thomas

**Telephone:** 864-962-0128 **FAX:** 864-962-0638

**Email:** jthomas@mpra.com

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

**Expected Date of Submission for Initial Sponsor Ballot:** 2005-01-31

**11. Fill in Projected Completion Date for Submittal to RevCom:** 2006-01-31

**Explanation for Revised PAR that Completion date is being extended past the original four-year life of the PAR:**

**12. Scope of Proposed Project:**

This standard provides criteria for qualification of commonly-used Class 1E connection assemblies for service in nuclear power generating stations. The proposed revision will address (1) current qualification methodology and technologies, (2) digital technology effects on connector qualification, (3) EMI/RFI environmental factors, and (4)

consistency with IEEE Std 323-2004.

**13. Purpose of Proposed Project:**

The revision will reflect current methodologies and technologies including the use of digital and fiber optic equipment for new designs, upgrades and plant-life extension.

**14. Intellectual Property:**

**Sponsor has reviewed the IEEE patent policy with the working group?** Yes

**Sponsor is aware of copyrights relevant to this project?** No

**Sponsor is aware of trademarks relevant to this project?** No

**Sponsor is aware of possible registration of objects or numbers due to this project?** No

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

**Similar Scope Project Information:**

**16. Is there potential for this document (in part or in whole) to be submitted to an international organization for review/adoption?** Do not Know

**If yes, please answer the following questions:**

**Which International Organization/Committee?**

**International Contact**

**Information?**

**17. If the project will result in any health, safety, or environmental guidance that affects or applies to human health or safety, please explain, in five sentences or less.** No

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

The goal of this revision is to make the standard more useful to the industry. This will be accomplished by providing universal guidance on how to deal with electrical and electronic connections within equipment currently used in safety applications. The current version only deals with one type of connection (multi-pin quick disconnect connectors); the revised standard would cover different types of connections used in nuclear generating stations.