

[Email This Letter](#)

26 September 2005

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

Re: P741 - Criteria for the Protection of Class 1E Power Systems and Equipment in Nuclear Power Generating Stations

Dear James:

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/741.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 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.

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

CC: john_disosway@dom.com, hleake@apsc.com, 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: P741

2. Sponsor Date of Request: 2005-01-25

3. Type of Document:

4. Title of Document:

Draft: Criteria for the Protection of Class 1E Power Systems and Equipment in 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 741-1997

7. Working Group Information:

Name of Working Group: IEEE 741 Working Group

Approximate Number of Expected Working Group Members:15

8. Contact information for Working Group Chair:

Name of Working Group Chair: Harvey C Leake

Telephone: 623-393-6986 **FAX:** 623-393-6249

Email: hleake@apsc.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:

Telephone: **FAX:**

Email:

10. Contact information for Sponsoring Society or Standards Coordinating Committee:

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

Name of Sponsoring Committee Chair: John J Disosway

Telephone: 540-894-2589 **FAX:** 540-894-2131

Email: john_disosway@dom.com

Name of Liaison Rep. (if different from the Sponsor Chair): James E Thomas

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

Email: jthomas@mpra.com

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:** June 2006**12. Projected Completion Date for Submittal to RevCom:** June 2007**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 provides the principal design criteria, design features, and testing requirements for the protection of Class 1E power systems and equipment supplied from those systems. It identifies special protection features that are needed where the requirements of nuclear power generating stations necessitate supplementing accepted industry practices.

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

No

14. Purpose of Proposed Project:

This standard provides requirements for electrical protective equipment in nuclear generating stations to support the Class 1E power system in the performance of its safety function and maximize the availability and reliability of the safety-related equipment.

15. Reason for the Proposed Project:

The proposed amendments address review comments that were not able to be incorporated in the previous revision and additional technical comments that have been received subsequently. The proposed change will clarify definitions of certain terms, elaborate on setting criteria for thermal overload relays, and address EMI/RFI environmental factors. The stakeholders are electrical design engineering organizations at nuclear generating plants.

16. Intellectual Property:**a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR?** Yes 2005-06-09**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? Yes

If yes, please explain:

This standard provides requirements to ensure that electrical distribution equipment in nuclear generating stations will automatically respond to disturbances in a manner that isolates the affected circuitry and maximizes the availability of the unaffected circuitry and associated equipment important to safety.

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)