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12 December 2005

James W Wilson
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Re: PC62.92.4 - Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part IV - Distribution

Dear James:

I am pleased to inform you that on 07 December 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/C62-92-4.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 07 March 2006.

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
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PAR FORM

PAR Status: Revision PAR

PAR Approval Date: 07 December 2005

PAR Signature Page on File: Yes

1. Assigned Project Number: PC62.92.4

2. Sponsor Date of Request: 2005-10-14

3. Type of Document: Guide for

4. Title of Document:

Draft: Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part IV - Distribution

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 C62.92.4-1991

7. Working Group Information:

Name of Working Group: Neutral Grounding Working Group

Approximate Number of Expected Working Group Members:20

8. Contact information for Working Group Chair:

Name of Working Group Chair: Steve G Whisenant

Telephone: 704-382-6608 **FAX:** 704-382-5418

Email: sgwhisen@duke-energy.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 Surge Protective Devices/High Voltage

Name of Sponsoring Committee Chair: Richard Odenberg

Telephone: 208-772-8515 **FAX:** 208-762-6163

Email: rodenberg@transtector.com

Name of Liaison Rep. (if different from the Sponsor Chair): James W Wilson

Telephone: 314-822-5480 **FAX:**

Email: jwwilson@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:** January 2008**12. Projected Completion Date for Submittal to RevCom:** June 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 guide is concerned with the neutral grounding of single- and three-phase alternating current (ac) electric utility primary distribution systems with nominal voltages in the range of 2.4 kV to 34.5 kV. For the purpose of this guide, the term "distribution" includes the substation providing power to distribution feeders, the distribution feeders, and the distribution transformers providing service at utilization voltages. The scope of this guide does not include the grounding of the low-voltage secondary systems supplied by distribution transformers, or consumer-owned facilities that are covered by other standards such as the National Electrical Code (NEC).

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

No

14. Purpose of Proposed Project:

This guide is intended to provide useful information to the user for determining the class of distribution system grounding to be applied and to review several basic considerations in the selection of the type of grounding. The guide also covers several special considerations in the design of distribution system grounding.

15. Reason for the Proposed Project:

It is extremely important that distribution systems be designed and operated in a safe but economical manner. This guide establishes a common methodology for the proper grounding of electric utility distribution systems. It provides a set of definitions and common practices used in the industry. Electric utility engineers and distribution system designers will benefit from the information contained in this guide when dealing with distribution system protection and operation.

16. Intellectual Property:**a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR?** Yes 2005-10-06**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? No

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)