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13 June 2005

Bill Chiu
Southern California Edison
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bill.chiu@sce.com

Re: PC57.15 - Standard Requirements, Terminology, and Test Code for Step-Voltage Regulators

Dear Bill:

I am pleased to inform you that on 09 June 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/C57-15.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 September 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
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PAR FORM

PAR Status: Revision PAR
PAR Approval Date: 2005-06-09
PAR Signature Page on File: Yes

1. Assigned Project Number: PC57.15

2. Sponsor Date of Request: 2005-04-27

3. Type of Document: Standard for

4. Title of Document:

Draft: Standard Requirements, Terminology, and Test Code for Step-Voltage Regulators

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 C57.15-1999

7. Working Group Information:

Name of Working Group: Working Group on Revision to C57.15 Step-Voltage Regulator

Approximate Number of Expected Working Group Members:25

8. Contact information for Working Group Chair:

Name of Working Group Chair: Craig A Colopy

Telephone: 262-896-2342 **FAX:** 262-896-2350

Email: ccolopy@cooperpower.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: Gael R Kennedy

Telephone: 402-362-7317 **FAX:** 402-362-7314

Email: grkennedy@ieee.org

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

Name of Sponsoring Society and Committee: Power Engineering Society Transformers

Name of Sponsoring Committee Chair: Kenneth S Hanus

Telephone: 972-273-3638 **FAX:** 972-273-3603

Email: ken.hanus@ieee.org

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

Telephone: 626-308-6086 **FAX:** 626-308-6930

Email: bill.chiu@sce.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:** August 2005**12. Projected Completion Date for Submittal to RevCom:** August 2006**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 describes electrical and mechanical requirements of liquid-immersed, single- and three-phase, step-voltage regulators, not exceeding a regulation of 3000 kVA (for three-phase units) or 1000 kVA (for single-phase units). This standard does not apply to load tap-changing power transformers.

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

No

14. Purpose of Proposed Project:

The purpose of this project is to revise the existing C57.15-1999 standard. This standard is intended as a basis for the establishment of performance, limited electrical and mechanical interchangeability, and general requirements of equipment described. It also assists in the proper selection of such equipment.

15. Reason for the Proposed Project:

Update the 1999 issue of C57.15 to the latest referenced documents and Standards, implement International 50 Hz ratings, increase maximum kVA rating to 1000(single phase) and 3000(three phase), clarify short circuit requirements by kVA rating and expand on definition of design types. The stakeholders of this standard include the users (electric utilities) and manufacturers of step voltage regulators.

16. Intellectual Property:**a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR?** Yes 2005-04-27**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? Yes

If yes, the following questions must be answered:

Organization Name? IEC TC14

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 (Scope) - Specific changes are:

1. Removed safety requirements to reflect the correct scope of this standard. The only safety related discussion is in Annex C with reference to NESC.
2. Change "oil-filled" to "liquid-immersed"
3. Increase three-phase rating from 2500 kVA to 3000 kVA
4. Increase single-phase rating from 833 kVA to 1000 kVA