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bcc

Subject Approval of Project - PC37.09b

09 December 2005

M. Dean Sigmon
ABB Inc.
2300 Mechanicsville Road
Florence, SC 29501-0524

Re: PC37.09b - Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis -- Amendment 2: Transient Recovery Voltage Requirements During Power Tests

Dear Dean:

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/C37-09b.pdf>. For future reference, please note that an amendment letter cannot be used again once the amendment is approved and published.

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: Amendment of Standard

PAR Approval Date: 07 December 2005

PAR Signature Page on File: Yes

1. Assigned Project Number: PC37.09b

2. Sponsor Date of Request: 2005-09-26

3. Type of Document: Standard for

4. Title of Document:

Draft: Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis -- Amendment 2: Transient Recovery Voltage Requirements During Power Tests

5. Life Cycle: Full-Use

6. Type of Project:

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

6b. The Project is a: Amendment to Std C37.09-1999

7. Working Group Information:

Name of Working Group: Circuit Switcher of High Voltage Circuit Breaker Working Group
Approximate Number of Expected Working Group Members:38

8. Contact information for Working Group Chair:

Name of Working Group Chair: Kirk Smith
Telephone: 607-796-3370 **FAX:** 607-796-3364
Email: r.kirkland.smith@ieee.org

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 Switchgear
Name of Sponsoring Committee Chair: Jeffrey H Nelson
Telephone: 423 751 8275 **FAX:** 423 751 6238
Email: jeffnelson@ieee.org
Name of Liaison Rep. (if different from the Sponsor Chair): M. Dean Sigmon
Telephone: 843-413-4707 **FAX:** 843-413-4850
Email: michael.d.sigmon@us.abb.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:** January 2007**12. Projected Completion Date for Submittal to RevCom:** December 2008**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:**

PC37.09b amends C37.09, the test procedure, to be consistent with amendment PC37.04b, of the rating structure C37.04, in which the voltage / time envelopes that describes the Transient Recovery Voltage (TRV) is being changed to match the descriptions used in IEC 62271-100, the international standard that is applicable to the same type of equipment.

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

Yes

PC37.04b must be completed first. This project is at the editorial review stage as of September 2005 prior to the initiation of the ballot that is antipated to begin within 2005.

14. Purpose of Proposed Project:

This revision harmonizes the IEEE requirements for transient recovery voltage during power tests with those in IEC 62271-100. This is a continuation of an effort to harmonize requirements in the IEEE standards with those of IEC that first began in the 1950s. Broadly speaking, the functional requirements to be demonstrated in power testing are changed only slightly, whereas the manner in which the requirements are represented graphically is simplified considerably.

15. Reason for the Proposed Project:

The test procedures in C37.09 uses the TRV envelope in a several clauses and figures. This project will revise the clauses and figures that are necessary to describe and show the new 2-parameter and 4-parameter TRV envelopes so that the test procedure C37.09b is consistent with the basic standard C37.04b. This change will benefit all parties concerned. The manufacturers will benefit since one set of tests will be applicable to both IEEE and IEC standards. Users and specifiers will benefit since a consistent method of application can be employed. The stakeholders are manufacturers of high voltage circuit breakers, users and specifiers of high voltage circuit breakers, and power test laboratories that test high voltage circuit breakers.

16. Intellectual Property:

- a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR? Yes 2005-09-26
- 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)