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12 December 2005

M. Dean Sigmon
ABB Inc.
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Florence, SC 29501-0524
michael.d.sigmon@us.abb.com

Re: PC37.06 - Standard for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis - Preferred Ratings and Related Required Capabilities for Voltages above 1000 Volts

Dear M. 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 2007. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/C37-06.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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International Stds Programs and Governance
Standards Activities
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PAR FORM

PAR Status: Modified New PAR
PAR Approval Date: 07 December 2005
PAR Signature Page on File: Yes

1. Assigned Project Number: PC37.06

2. Sponsor Date of Request: 2005-10-13

3. Type of Document: Standard for

4. Title of Document:

Draft: Standard for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis - Preferred Ratings and Related Required Capabilities for Voltages above 1000 Volts

5. Life Cycle: Full-Use

6. Type of Project:

6a. Is this an update to an existing PAR? Yes

If Yes: Indicated PAR number/approval date: C37.06 - 2003-02-13

If Yes: Is this Project in Ballot now? Yes

6b. The Project is a: New Standard

7. Working Group Information:

Name of Working Group: Circuit Switcher of High Voltage Circuit Breaker Working Group

Approximate Number of Expected Working Group Members:40

8. Contact information for Working Group Chair:

Name of Working Group Chair: Georges F Montillet

Telephone: 724-483-7830 **FAX:** 724-483-7771

Email: georges.montillet@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: September 2004

12. Projected Completion Date for Submittal to RevCom: December 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 applies to all indoor and outdoor types of AC high-voltage circuit breakers rated above 1000 volts and rated on a symmetrical current basis.

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

No

14. Purpose of Proposed Project:

Inconsistency in application of preferred ratings of high-voltage circuit breakers may result in wrong application of interrupting current and voltage levels. The recommendations outlined in the following clauses are intended to provide consistent functionality for high-voltage circuit breakers rated above 1000 V.

15. Reason for the Proposed Project:

The existing standard does not reflect all the changes in philosophy in preferred rating of evaluating the Transient Recovery Voltage (TRV) of a circuit breaker during specific applications. This new philosophy is implemented already in C37.011-2005 (ex PC37.011) and in various other working groups under projects PC37.04b and PC37.09b mainly. The intent of this project is to rewrite C37.06 as per the new philosophical approach of TRV with many new tables to help the user. The stakeholders are all the utilities using circuit breakers, all the manufacturers when manufacturing circuit breakers as per the requirements of preferred ratings and the consulting engineers applying in general or special conditions these requirements.

16. Intellectual Property:

a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR? Yes 2004-09-22

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)

The modifications from the old PAR form are as follows:

1. Paragraph 4. Title of document: New Title to be in synchronism to the present document. The title on the old PAR Form was only indicative of our intend. This change in PAR is required by the IEEE Editor, Mr. Mike Fisher, Program Manager, Document Development.
2. Items 7 and 8 were only one item. Now it is two items on this new form. The Chair e-mail was updated to georges.montillet@ieee.org.
3. Item 10. Changed Alec C. Monroe to Jeffrey H Nelson and references as telephone and fax.
4. Item 12. Project Completion Date for Submittal to RevCom: Date changed from 2005-09-01 to December 2006.
5. Item 13. Scope of proposed project. Old text: "This standard is applicable to three-pole circuit breakers used in three-phase systems and single-pole circuit breakers used in single-phase systems, both indoor and outdoor AC high-voltage types, rated above 1000 volts on a symmetrical current basis. This standard does not cover circuit breakers used at rated frequencies other than 50 Hz or 60 Hz, or generator circuit breakers that are covered in IEEE Std. C37.013." New Text to match the PC37.06D7 added above item 13.
6. Item 13. In this new form the last sentence was added "Is the completion of this document contingent upon the completion of another document?" Reply "No".
7. Item 14. Purpose of Proposed Project. Old Text: "Since the existing rating structures are being revised under related projects PC37.04a, PC37.04b, PC37.09a, PC37.09b, PC37.011 and

PC37.012, the purpose of this work is to provide relevant values of preferred ratings for the new rating structures. Another purpose is to integrate C37.06, formerly sponsored by NEMA, into the IEEE-SA process of standards development. Sponsorship is now being transferred to the IEEE Switchgear Committee. One of the main purposes is also harmonization with IEC."

The "Purpose of the Proposed Project" text as included in the PC37.06 D7 "Purpose" is new included in item 14.

8. Item 15. Reason for the Proposed Project. This question did not exist in the last PAR form filed. It was added to explain our intentions.

9. Item 16. The first question has been changed from the old PAR Form. It now reads: " a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR?" Reply: "Yes, 2004-09-02". That is during the Tucson meeting.

10. Item 21. In the old PAR, there was an explanatory note that was removed. It was: "Although this standard has been sponsored for many years by NEMA, sponsorship is to be transferred to the IEEE PES/Switchgear Committee. Therefore, this document is new to the IEEE-SA standards development process. Beginning with the revision of C37.06 will be sponsored by the IEEE PES/Switchgear Committee."