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09 December 2005

M. Dean Sigmon
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michael.d.sigmon@us.abb.com

Re: PC37.20.1b - Standard for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear -- Amendment 2: Additional Requirements for Control and Auxiliary Power Wiring in dc Traction Power Switchgear

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 2009. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/C37.20.1b.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: Amendment of Standard

PAR Approval Date: 07 December 2005

PAR Signature Page on File: Yes

1. Assigned Project Number: PC37.20.1b

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

3. Type of Document: Standard for

4. Title of Document:

Draft: Standard for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear --
Amendment 2: Additional Requirements for Control and Auxiliary Power Wiring in dc
Traction Power Switchgear

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 C37.20.1 - 2002

7. Working Group Information:

Name of Working Group:

Approximate Number of Expected Working Group Members:12

8. Contact information for Working Group Chair:

Name of Working Group Chair: Ted Burse

Telephone: 713-948-4599 **FAX:** 713-948-4512

Email: tburse@powl.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: T. W. Olsen

Telephone: 919-365-2208 **FAX:** 919-365-1208

Email: t.olsen@ieee.org

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:** October 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 amendment addresses additional requirements of auxiliary power wiring and control wiring within dc switchgear of traction power substations up to 3200 volts dc nominal output.

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

No

14. Purpose of Proposed Project:

This amendment provides control and power wiring methods for dc traction power switchgear intended to increase reliability of the operation of the equipment, improve protection, reduce maintenance cost and initial cost, and improve overall performance of the dc traction power switchgear.

15. Reason for the Proposed Project:

Users, specifiers, and manufacturers of dc traction power switchgear have identified areas of potential improvement in the existing wiring requirements for dc traction power switchgear in IEEE C37.20.1-2002. This amendment is intended to address the issues raised by the dc traction power switchgear interests. Rectifier substations incorporating dc traction power switchgear are used to supply power for rail transportation. The stakeholders for the project are rail transit agencies using dc power, manufacturers of dc traction power switchgear, and consultants in the rail industry.

16. Intellectual Property:**a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR?** Yes 2005-10-10**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? 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)

This amendment is intended to address issues raised by the Vehicular Technology Society - Rail Group, which proposed a project P1653.3 (not approved by the Standards Board in September, 2005) that conflicts with the scope of the IEEE PES Switchgear Committee and of IEEE C37.20.1-2002. Participation in the working group for C37.20.1b will be sought from the Vehicular Technology Society -- Rail Group.