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09 May 2007

Bill Chiu  
Southern California Edison  
2224 Walnut Grove Avenue  
Rosemead, CA 91770 USA  
bill.chiu@ieee.org

Re: PC57.17 - Standard Requirements for Arc Furnace Transformers

Dear Bill:

I am pleased to inform you that on 07 May 2007 the IEEE-SA Standards Board approved the above referenced project until 31 December 2011. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/C57-17.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 [s.hampton@ieee.org](mailto:s.hampton@ieee.org) no later than 05 August 2007.

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 +1 732 562 6003 or by email at [s.hampton@ieee.org](mailto:s.hampton@ieee.org).

Sincerely,

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**PAR Request Date:** 02 March 2007**PAR Approval Date:** 07 May 2007**PAR Signature Page on File:** Yes**Type of PAR:** New IEEE Standard**Status:** PAR for a New IEEE Standard**Root Project:****1.1 Project No.:** **C57.17****1.2 Type of Document:** Standard**1.3 Life Cycle:** Full-Use**1.4 Is this document in ballot now?** No**2.1 Title**

Standard Requirements for Arc Furnace Transformers

**3.1 Working Group Name** [Power Transformers - Arc Furnace Transformer Requirements Working Group](#)**Working Group Chair**  
[Corsi, Domenico E](#)  
Phone: 330-875-3333x318  
Email: dcorsi@doble.com**Working Group Vice Chair****3.2 Sponsor** [IEEE Power Engineering Society Transformers \(PE/TR\)](#)**Sponsor Chair**  
[Fallon, Don J](#)  
Phone: 973-430-8191  
Email: donald.fallon@ieee.org**Name of Standards Liaison Representative (if applicable)**  
[Chiu, Bill](#)  
Phone: 323-720-5275  
Email: bill.chiu@ieee.org**3.3 Joint Sponsor****4.1 Type of Ballot:** Individual**4.2 Expected Date of Submission for Initial Sponsor Ballot:** May 2009**4.3 Projected Completion Date for Submittal to RevCom:** May 2010**5.1 Approximate number of people expected to work on this project:** 12**5.2 Scope:** This standard covers electrical characteristics and mechanical features of liquid-immersed transformers 69 kV or less, used for supplying electric power to direct arc-melting furnaces. All characteristics and definitions, except as specifically covered in this standard, shall be in accordance with the IEEE Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers.**5.3 Is the completion of this document contingent upon the completion of another document?** No**5.4 Purpose:** To provide an industry standard on the design and application of power and distribution transformers for the specific application of feeding arc furnaces and related foundry equipment.**5.5 Need for the Project:** This project is needed to update the old ANSI C57.17 standard, which was last revised in 1971 and published in February 29, 1988. This project will correct errors and update the old standard to reflect current advancement in technologies and update the document format to align with current IEEE standard protocols.

**5.6 Stakeholders for the Standard:** The stakeholders are the steel production industry and power transformer manufacturers.

**6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board?** Yes    **Presented Date:** 2006-10-25

If no, please explain:

**6.1.b. Is the Sponsor aware of any copyright permissions needed for this project?** No

If yes, please explain:

**6.1.c. Is the Sponsor aware of possible registration activity related to this project?** No

If yes, please explain:

**7.1 Are there other standards or projects with a similar scope?** No

If yes, please explain:

**Sponsor Organization:**

**Project/Standard Number:**

**Project/Standard Date:** 0000-00-00

**Project/Standard Title:**

**7.2 Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization?** ? Do not know at this time

**Technical Committee Name and Number:**

**Contact person:**

**Contact person Phone Number:**

**Contact person Email Address:**

**7.3 Will this project result in any health, safety, security, or environmental guidance that affects or applies to human health or safety?** No

**7.4 Additional Explanatory Notes:**

**8.1 Sponsor Information:**

Is the Scope of this project within the approved scope/definition of the Sponsor's Charter? Yes

If no, please explain: