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06 December 2006

James W Wilson  
1961 Dougherty Ferry Rd.  
Kirkwood, MO 63122-3538  
jwwilson@ieee.org

Re: PC62.11 - IEEE Standard for Metal-Oxide Surge Arresters for AC Power Circuits (> 1 kV) -  
Amendment: Short-circuit tests for station, intermediate and distribution arresters

Dear James:

I am pleased to inform you that on 06 December 2006 the IEEE-SA Standards Board approved the above referenced project until 31 December 2010. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/C62-11a.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 06 March 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,

Sherry Hampton  
Administrator, Governance  
Standards Activities  
Phone +1 732 562 6003  
FAX +1 732 875 0695  
Email: s.hampton@ieee.org

CC: d.dorr@ieee.org, stds-pes-scc@ieee.org, m.g.comber@ieee.org

**PAR Request Date:** 06 October 2006**PAR Approval Date:** 06 December 2006**PAR Signature Page on File:** Yes**Type of PAR:** Amendment to IEEE Standard**Status:** Amendment to an Existing IEEE Std C62.11-2005**Root Project:****1.1 Project No.:** **PC62.11a****1.2 Type of Document:** Standard**1.3 Life Cycle:** Full-Use**1.4 Is this document in ballot now?** No**2.1 Title**

IEEE Standard for Metal-Oxide Surge Arresters for AC Power Circuits (&gt; 1 kV) - Amendment:

**2.1 Amendment/Corrigenda Title**

Short-circuit tests for station, intermediate and distribution arresters

**3.1 Working Group Name**[Continuous Revision of C62.11 Standard WG](#)**Working Group Chair**[Comber, Michael G](#)

Phone: 330-335-2361x329

Email: m.g.comber@ieee.org

**Working Group Vice Chair****3.2 Sponsor**[IEEE Power Engineering Society Surge Protective Devices/High Voltage \(PE/SPDHV\)](#)**Sponsor Chair**[Dorr, Douglas S](#)

Phone: 407-968-3010

Email: d.dorr@ieee.org

**Name of Standards Liaison Representative (if applicable)**[Wilson, James W](#)

Phone: 314-822-5480

Email: jwwilson@ieee.org

**3.3 Joint Sponsor****4.1 Type of Ballot:** Individual**4.2 Expected Date of Submission for Initial Sponsor Ballot:** May 2007**4.3 Projected Completion Date for Submittal to RevCom:** October 2007**5.1 Approximate number of people expected to work on this project:** 28**5.2 Scope:** New procedures for short-circuit testing of station, intermediate and distribution arresters would replace existing pressure-relief and short-circuit test procedures for these classes of arrester.**5.3 Is the completion of this document contingent upon the completion of another document?** No

**5.4 Purpose:** SPDC WG 3.3.11 has been working on a revision to the pressure-relief and short-circuit testing requirements for station, intermediate and distribution arresters for some time. The activity was following similar activity in IEC TC37, with the intent that the new IEEE procedure would harmonize as closely as possible with the approved IEC procedure. It was initially hoped to have the work completed in time for inclusion in the 2005 edition of C62.11, but was delayed as a result of delays in the IEC process. It was felt important to have the IEC issues settled before finalizing the C62.11 procedure. Now that the issues have been resolved, WG 3.3.11 has finalized the procedure for C62.11 and wishes to get it out into the public domain soon, without waiting until the next full revision of the standard (not expected to occur until 2009-2010).

**5.5 Need for the Project:** The industry as a whole has recognized some shortcomings in the pressure-relief and short-circuit test procedures that had been in place in IEEE and IEC standards. It has been proven that porcelain arresters can fail violently at short circuit currents lower than the current at which they were required to be tested (rated short circuit current). Newer technology polymer-housed arresters present differences in failure mode that were not adequately addressed by the existing test procedures. The new procedures are aimed at addressing these shortcomings.

**5.6 Stakeholders for the Standard:** Electric utility industry (T&D), surge arrester manufacturers, OEMs, large industrial (substation owners)

**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:** 2006-05-03

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?** Yes

**If yes, please explain:**

IEC 60099-4 covers similar requirements. While several test requirements are similar between the two documents, there are differences based on different practices around the world. To the extent possible, harmonization between the two documents has been and will continue to be undertaken.

**Sponsor Organization:** IEC TC37

**Project/Standard Number:** 60099-4 Ed 2.1

**Project/Standard Date:** 2006-06-00

**Project/Standard Title:** Surge arresters - Part 4: Metal-oxide surge arresters without gaps for a.c. systems

**7.2 Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization? ?** No

**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: