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15 September 2006

Jose A Marrero  
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Re: P1115 - Recommended Practice for Sizing Nickel-Cadmium Batteries for Stationary Applications  
Amendment: Additional discussion on sizing margins

Dear Jose:

I am pleased to inform you that on 15 September 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/1115a.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 14 December 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 +1 732 562 6003 or by email at [s.hampton@ieee.org](mailto:s.hampton@ieee.org).

Sincerely,

Sherry Hampton  
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Standards Activities  
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CC: snorman@ieee.org, stds-pes-scc@ieee.org, Jim.McDowall@saftbatteries.com

**PAR Request Date:** 16 June 2006

**PAR Approval Date:** 15 September 2006

**PAR Signature Page on File:** Yes

**Type of PAR:** Amendment to IEEE Standard

**Status:** Amendment to an Existing IEEE Std 1115-2000

**Root Project:**

**1.1 Project No.:** **P1115a**

**1.2 Type of Document:** Recommended Practice

**1.3 Life Cycle:** Full-Use

**1.4 Is this document in ballot now?** No

**2.1 Title**

Recommended Practice for Sizing Nickel-Cadmium Batteries for Stationary Applications

**2.1 Amendment/Corrigenda Title**

Amendment: Additional discussion on sizing margins

**3.1 Working Group Name** [Ni-Cd Battery Sizing Working Group](#)

**Working Group Chair** [McDowall, James A](#)  
Phone: 203-985-2712  
Email: Jim.McDowall@saftbatteries.com

**Working Group Vice Chair**

**3.2 Sponsor** [IEEE Power Engineering Society Stationary Batteries Committee \(PE/SB\)](#)

**Sponsor Chair** [Norman, Samuel](#)  
Phone: +1 919 563 6610  
Email: snorman@ieee.org

**Name of Standards Liaison Representative (if applicable)** [Marrero, Jose A](#)  
Phone: 205-992-5527  
Email: jamarrer@southernco.com

**3.3 Joint Sponsor**

**4.1 Type of Ballot:** Individual

**4.2 Expected Date of Submission for Initial Sponsor Ballot:** October 2006

**4.3 Projected Completion Date for Submittal to RevCom:** October 2007

**5.1 Approximate number of people expected to work on this project:** 6

**5.2 Scope:** This amendment provides additional guidance on sizing margins that may be applied when nickel-cadmium batteries are used in stationary applications involving an element of charge-discharge cycling.

**5.3 Is the completion of this document contingent upon the completion of another document?** No

**5.4 Purpose:** Nickel-cadmium batteries are often used in stationary applications where the ac power supply may be unreliable, resulting in an increased frequency of charge-discharge cycling. The extent to which available battery capacity may be affected depends on the frequency and depth of cycling, charging regime and the specific cell design. The guidance in this amendment assists system designers in correctly sizing batteries for such applications.

**5.5 Need for the Project:** This amendment was initiated as a result of ballot comments during the reaffirmation of IEEE 1115-2000. While the current standard is not incorrect the sponsor agreed that additional guidance was needed in the specific area covered by this amendment.

**5.6 Stakeholders for the Standard:** The stakeholders are users of renewable energy; telecom; general stationary battery users in developing countries.

**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: 2006-06-26**

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: