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08 June 2006

Bill Chiu
Southern California Edison
501 South Marengo Avenue
Alhambra, CA 91802
bill.chiu@sce.com

Re: PC57.12.10 - Standard Requirements for Liquid-Immersed Power Transformers

Dear Bill:

I am pleased to report that on 08 June 2006 the IEEE-SA Standards Board approved the extension request of the above-referenced project until 31 December 2008.

If you should have any further questions, please contact me at +1 732 562 6003 or by email at 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: donald.fallon@ieee.org, stds-pes-scc@ieee.org, tom.lundquist@ieee.org

IEEE-SA Standards Board Extension Request

Revised 23 June 2004

1. Date of Request: 20-Mar-06
2. Assigned Project Number: PC57.12.10
3. Project Title: Standard Requirements for Liquid-Immersed Power Transformers
 - a. Name of Working Group (WG): Power Subcommittee
 - b. Name of Working Group Chair: Tom Lundquist
 - c. Name of Sponsoring Society and Committee: Power Engineering/Transformers
 - d. Name of Sponsoring Committee Chair: Donald Fallon
4. Contact Information (Contact should be the person who will answer any questions concerning this extension request):
 - a. Name: Javier Arteaga
 - b. Telephone: 601-892-6465
 - c. FAX: 601-892-6496
 - d. EMAIL: javier.arteaga@ieee.org
5. Statement of why an extension is required. This should include a description of what the working group has accomplished and what remains to be accomplished, along with the reasons why the work was unable to be completed in the allotted timeframe The document is 90% completed. However, a new Annex A is still under development and we expect to complete this work by the end of 2006. The reason why we need an extension request is because the original standard covered transformers up to 60 MVA rating and this revision PAR covers transformers with no upper limit. Therefore, this has generated many comments that have been difficult to resolve in a timely manner. We are confident that by the end of the year we will be able to send this document for sponsor ballot.
6. History
 - a. What date was the PAR first approved? 13-Jun-02
 - b. What date did you begin writing the first draft? 2-Feb-03
 - c. How many people are actively working on the project? 20
 - d. How many times a year does the working group meet:
 1. In person? 2
 2. Via teleconference? 4
 - e. How many times a year is a draft circulated to the working group via electronic means? 2
7. Document Progress
 - a. What percentage of the Draft is stable? 90%
 - b. How many significant work revisions has the Draft been through? 5
8. Project Plan

(Item #8a is only for projects that have been balloted. If your draft has not yet gone to ballot, please go to Item #8b)

a. Balloting History - Provide history of all IEEE Sponsor ballots under this project::

1st Ballot Close date (or scheduled close):

1st Ballot Draft Number:

1st Ballot results (% affirmative, %negative, %abstain):

2nd Ballot Close date (or scheduled close):

2nd Ballot Draft Number:

2nd Ballot results (% affirmative, %negative, %abstain):

(Add additional entries for ballots as needed):

When do you estimate that the final IEEE Sponsor ballot will be completed?

When do you expect to submit the proposed standard to RevCom?

b. For projects that have not yet begun Sponsor ballot, please answer the following:

When will IEEE sponsor balloting begin? 1-Dec-06

When do you estimate that the final IEEE Sponsor ballot will be completed? 1-Dec-07

When do you expect to submit the proposed standard to RevCom? 1-Mar-08

9. Future Adoptions

- If this is a new document, will it be adopted (in part or in whole) by another national, regional or international organization? No If yes, which organization?
- If this is a revision of an existing document, has this document been adopted by the IEC, ISO, ETSI, SCC, etc? No If yes, which organization?

10. Additional Extensions

a. Is this the first request for an extension? Yes (If yes, please do not go any further. You have completed the form.)

b. If not, when was the previous extension approved?

After completion of this form, please e-mail this to the NesCom Administrator at nescom-admin@ieee.org. Confirmation of submittal will be sent on receipt of this request.



Jodi Haasz

06/14/2002 10:20 AM

To: tprevost@ehv-weidmann.com
cc: bkpatel@southernco.com, subhash.tuli@waukeshaelectric.spx.com,
dgohil@poweraisle.com, barry.beaster@us.abb.com, stds-pes-scc@ieee.org
Subject: Approved PARs

14 June 2002

Mr. Thomas Prevost
EHV Weidmann
One Gordon Mills Way
St. Johnsbury, VT 05819

Re: PC57.12.10 Standard Requirements for Liquid-Immersed Power Transformers
PC57.12.36 Standard Requirements for Liquid-Immersed Distribution Substation Transformers
PC57.93 Guide for Installation of Liquid-Immersed Power Transformers
PC57.145 Guide for the Definition of Thermal Duplicate Liquid-Immersed Distribution, Power, and Regulating Transformers

Dear Tom:

I am pleased to inform you that on 13 June 2002 the IEEE-SA Standards Board approved PC57.145 until December 2004 and the rest of the above referenced projects until December 2006 with the following changes:

PC57.12.10 - Change the purpose to read as follows:

"The purpose of this project is to update C57.12.10 and to remove any reference to distribution transformers which will be covered in a new stand alone standard, C57.12.36."

Copies of the approved PARs are attached in .pdf format.

Now that your projects have been approved, please forward a roster of participants involved in the development of these projects. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2f under *Duties of the Sponsor* which states:

"Submit annually to the IEEE Standards Department an electronic roster of individuals participating on standards projects"

Attached is an Excel spreadsheet for your convenience. Please forward these lists to me via e-mail at j.haasz@ieee.org no later than 1 September 2002.

At the bottom of this e-mail, please find URLs which you may find useful in the development of your proposed standard and in submitting your final draft for approval. We strongly recommend that a copy of your draft be sent to this office for review prior to the final voting by the working group to allow for a quick review by the editorial staff before sponsor balloting.

If you should have any further questions or would like to receive this information in paper, please contact me at 732-562-6367 or by email at j.haasz@ieee.org.

Sincerely,

Jodi Haasz
Senior Administrator
IEEE-SA Governance and Electronic Processes

PS - The information in the .pdf file is viewable in Adobe Reader, version 3.0 or higher. If you do not have this software, please go to <http://www.adobe.com/prodindex/acrobat/readstep.html#reader> to download the free version.

Standards Process-at-a-Glance
<http://standards.ieee.org/resources/glance.html> - A quick-reference site useful to any standards developer.

IEEE Standards Style Manual
<http://standards.ieee.org/guides/style/index.html> - Guidelines that establish style and format requirements for the preparation of proposed IEEE standards.

IEEE Standards Companion
<http://standards.ieee.org/guides/companion/index.html> - An overall view of the standards process; what to do, what to avoid, lessons learned, and sample forms.

Implement Plan for Metric Policy 9.20
<http://standards.ieee.org/announcements/metric.html> - Information on when, why and how the plan will be implemented and what exceptions exist.

Leading a Standards Development Group
<http://standards.ieee.org/faqs/ltpres.html#q1> - A free training session offered by staff to make the most of the standards process. After attending, you will have a great understanding of

- the need for due process and consensus
- how to submit PARs and Drafts
- the "legal" aspects (copyrights, trademarks, patents)
- how staff can help you

Standards Coordinating Committee 10
<http://standards.ieee.org/faqs/SCC10.html> - An explanation of the importance of coordinating with the IEEE Dictionary (SCC10) as is mandated on the PAR form.

Balloting Information
http://standards.ieee.org/resources/glance_at_balloting.html

Standards Development Solutions
<http://standards.ieee.org/sds/index.html>



Sample Roster.xls



C57-12-10.pdf



C57-12-36.pdf



C57-93.pdf



C57-145.pdf

PAR FORM

06/14/02

PAR Status: New PAR

PAR Approval Date: 06/13/2002

PAR Signature Page on File: Yes

Review of Standards Development Process: No

1. Assigned Project Number: C57.12.10

2. Sponsor Date of Request: 10/16/2001

3. Type of Document: Standard for

4. Title of Document:

Draft: Standard Requirements for Liquid-Immersed Power Transformers

5. Life Cycle: Full Use

6. Type of Project:

6a. Is this an update to an existing PAR? No

6b. The project is a: The project is a new standard

7. Contact Information of Working Group:

Name of Working Group (WG): Revision of C57.12.10

Name of Working Group Chair: Javier Arteaga

Telephone: 414-547-0121

FAX: 414-524-2044

Email: javier.arteaga@waukeshaelectric.spx.com

8. Contact Information of Official Reporter (If different than Working Group Chair)

Name of Official Reporter: (if different than WG Contact)

Telephone:

FAX:

Email:

9. Contact Information of Sponsoring Society or Standards Coordinating Committee

Name of Sponsoring Society and Committee: Power Engineering Society/Transformers

Name of Sponsoring Committee Chair: Bipin K Patel

Telephone: (205) 992-7740

FAX: (205) 992-5103

Email: bkpatel@southernco.com

Name of Liaison Rep.(If different than Sponsor Chair): Tom A Prevost

Telephone: 802-751-3458

FAX: 802-748-8029

Email: tprevost@ehv-weidmann.com

10. The type of ballot is: Individual Sponsor Ballot

Expected Date of Submission for Initial Sponsor Ballot: 10/31/2005

11. Fill in Projected Completion Date for Submittal to RevCom: 10/31/2006

Explanation for Revised PAR that completion date is being extended past the original four-year life of the PAR:

12. Scope of Proposed Project:

This is a product standard which covers certain electrical, dimensional, and mechanical characteristics of 50 and 60 Hz, liquid-immersed power and auto- transformers. Such power transformers may be remotely or integrally associated with either primary switchgear or substations, or both, for step-down or step-up purposes base rated as follows: 833kva and above Single-Phase, 750 kva and above Three-Phase. This standard applies to all liquid-immersed power and auto transformers that do not belong to the following types of apparatus: Instrument Transformers; Step voltage and induction voltage regulators; Arc-Furnace Transformers; Rectifier Transformers; Specialty Transformers; Grounding Transformers; Mobile Transformers; Mine Transformers

13. Purpose of Proposed Project:

The purpose of this project is to update C57.12.10 and to remove any reference to distribution transformers which will be covered in a new stand alone standard, C57.12.36.

14. Intellectual Property

Sponsor has reviewed the IEEE patent policy with the working group? Yes

Sponsor is aware of copyrights relevant to this project? No

Sponsor is aware of trademarks relevant to this project? No

Sponsor is aware of possible registration of objects or numbers due to this project? No

15. Are you aware of other standards or projects with a similar scope? No

Similar Scope Project Information:

False

16. Is there potential for this standard (in part or in whole) to be submitted to an international organization for review/ adoption?

No

If yes, please answer the following question:

Which International Organization/Committee?

International Contact Information:

17. Will this project focus on Health, Safety or Environmental Issues? No

18. Additional Explanatory Notes:(Item Number and Explanation)

The Power Engineering/Transformers Committee has now taken over the maintenance of the ANSI/NEMA standards per the joint copyright agreement. This is a revision to ANSI/NEMA C57.12.10-1988.