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26 May 2006

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

Re: PC57.104 - Guide for the Interpretation of Gases Generated in Oil-Immersed Transformers

Dear Bill:

I am pleased to inform you that on 25 May 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/C57-104.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 23 August 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 Request Date: 18 January 2006	
PAR Approval Date: 25 May 2006	
PAR Signature Page on File: Yes	
Type of Project: Revision to IEEE Standard	
Status: Revision to an Existing IEEE C57.104 - 1991	
Root Project/PAR: C57.104 - 1991	
1.1 Project No.: PC57.104	
1.2 Type of Document: Guide	
1.3 Life Cycle: Full-Use	
1.4 Is this document in ballot now? No	
2.1 Title Guide for the Interpretation of Gases Generated in Oil-Immersed Transformers	Old Title IEEE Guide for the Interpretation of Gases Generated in Oil-Immersed Transformers
2.1 Amendment/Corrigenda Title	
3.1 Working Group Name	Insulating Fluids Subcommittee
Working Group Chair	Gryszkiewicz Frank J Phone: 617-926-4900x213 Email: frankg@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
3.3 Joint Sponsor	
4.1 Type of Ballot: Individual	
4.2 Expected Date of Submission for Initial Sponsor Ballot: 2006-07-00	
4.3 Projected Completion Date for Submittal to RevCom: 2006-12-00	
5.1 Approximate number of people expected to work on this project: 20	
5.2 Scope: This guide applies to mineral-oil-immersed transformers and addresses: 1) The theory of combustible gas generation in a transformer; 2) The interpretation of gas analysis; 3) Suggested operating procedures; 4) Various diagnostic techniques, such as key gases, Dornenberg ratios, and Rogers ratios; 5) Instruments for detecting and determining the amount of combustible gases present; and 6) A bibliography of related literature.	Old Scope:
5.3 Is the completion of this document contingent upon the completion of another document? No	
5.4 Purpose: The purpose of this document is to provide the transformer owner and/or operator with a Guide for operating transformers using analytical tools and methods involving transformer mineral oil and associated developed gases.	Old Purpose:

5.5 Need for the Project: The 1991 Guide was administratively withdrawn in February 2006. The latest membership of the Working Group for this document decided that they intend to make minor modifications to the 1991 Guide in order to bring the document more in line with current knowledge regarding gas values and related issues. The purpose of this action is to return an updated and approved document to the industry as quickly as possible. Once this action is complete, and the modified guide has been approved, the working group will immediately begin the process of creating a completely new guide to reflect current knowledge, trends, and to incorporate relevant material created during the latest attempt to revise the guide (C57.104 - DRAFT 11D, 2005).

5.6 Stakeholders for the Standard: The stakeholders for this project include electric utilities, insurance companies, industrial and commercial facilities, universities, hospitals, and any other users of large power transformer equipment.

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: 2006-03-21

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? ? 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:

Item #5.2 - The scope has been modified slightly from the 1991 version of the document to reflect recent techniques, procedures and analytical data. Item #5.4 - Please note that there is no purpose in the actual document.

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: