Sherry Hampton/STDS/STAFF/US/IEEE
10/01/2007 10:27 PM

To mchatur@entergy.com
cc fcleve@ix.netcom.com, stds-pes-scc@ieee.org, pepool@ieee.org , Matthew Ceglia/STDS/STAFF/US/IEEE,
bcc
Subject Approval of Project - P367

01 October 2007

Manish Chaturvedi
Entergy Services, Inc.
20E Greenway Plaza
Suite 500
Houston, TX 77046
mchatur@entergy.com

Re: P367 - Recommended Practice for Determining the Electric Power Station Ground Potential Rise and Induced Voltage from a Power Fault

Dear Manish:

I am pleased to inform you that on 27 September 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/367.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"

Rosters can be submitted in any format to the NesCom Administrator (nescom-admin@ieee.org). Please forward this list to the NesCom Administrator via e-mail at nescom-admin@ieee.org no later than 26 December 2007.
Or, for your convenience, you can manage your standards development roster in myProject. Instructions are as follows:

●Go to myProject - https://development.standards.ieee.org/my-site
●Login using your IEEE Web Account username and password.
●Once logged into myProject, go to "Manage Committees"
●Drill down to the project by clicking the (+) on the left to expand each level. The actual project will be highlighted in yellow
●Click "Manage Committees" for that project. A list of individuals enrolled in the Committee/Project will appear. On this screen you can assign whether a person is a Participant, a

Non-Voting Member or a Voting Member of the project group. You may also view contact information for that individual.

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 questions, please contact the NesCom Administrator via e-mail at nescom-admin@ieee.org or via telephone at +1 732 562 3806.

Sincerely,

NesCom Admin
Standards Activities
Email: nescom-admin@ieee.org

PAR Request Date: 10 July 2007

PAR Approval Date: 27 September 2007

PAR Signature Page on File: Yes

Type of PAR: Revision to IEEE Standard

Status: Revision to an Existing IEEE Std 367-1996

Root Project:

1.1 Project No.: **367**

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 Determining the Electric Power Station Ground Potential Rise and Induced Voltage from a Power Fault

3.1 Working Group Name	Wireline Working Group
Working Group Chair	Pool, Percy E Phone: 972-418-0341 Email: pepool@ieee.org
Working Group Vice Chair	
3.2 Sponsor	IEEE Power Engineering Society Power System Communications (PE/PSC)
Sponsor Chair	Cleveland, Frances M Phone: 408-366-8700 Email: fcleve@ix.netcom.com
Name of Standards Liaison Representative (if applicable)	Chaturvedi, Manish Phone: 832-681-3368 Email: mchatur@entergy.com
3.3 Joint Sponsor	

4.1 Type of Ballot: Individual

4.2 Expected Date of Submission for Initial Sponsor Ballot: July 2010

4.3 Projected Completion Date for Submittal to RevCom: July 2011

5.1 Approximate number of people expected to work on this project: 10

5.2 Scope: This std provides quidance for the calculation of power station ground potential rise (GPR) and longitudinal induction (LI) voltages and guidance for their appropriate reduction from worst-case values for use in metallic telecommunication protection design. Information is also included for the determination of: 1. The fault current and earth return current levels; their probability, wave-form, and duration; and the impedance to remote earthing points used in these GPR and LI calculations as well as the effective X/R ratio. 2. The zone of influence of the power station GPR. 3. The calculation of th inducing currents, the mutual impedance between power and metallic telecommunciation facilities, and shield factors. 4. The channel time requirements for metallic telecommunication facilities where non-interruptible channels are required for protective relaying.	**Old Scope:** This recommended practice provides guidance for the calculation of power station GPR and LI voltages, as well as guidance for their appropriate reduction from worst-case values for use in metallic telecommunication protection design. Information is also included for the determination of the following: a) The fault current and the earth return current. (The probability, waveform, and duration of these currents and the impedance to remote earthing points used in these GPR and LI calculations as well as the effective X / R ratio are discussed.) b) The zone of inßuence (ZOI) of the power station GPR. c) The calculation of the inducing currents, the mutual impedance between power and metallic telecommunication facilities, and shield factors. d) The channel time requirements for metallic telecommunication facilities where noninterruptible channels are required for protective relaying.
5.3 Is the completion of this document contingent upon the completion of another document? No	
5.4 Purpose: To review and update existing standard 367-1987 as required.	**Old Purpose:** To review and update existing standard 367-1987 as required.
5.5 Need for the Project: To make a few corrections and updates.	
5.6 Stakeholders for the Standard: Power and Telecommication Engineers	

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:** 2007-06-26
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: