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16 March 2006

Shayne Wright
POWER Engineers, Inc.
15621 Blue Ash, Suite 110
Houston, TX 77090-5827
shayne.wright@ieee.org

Re: P1185 - Recommended Practices for Cable Installation at Generating Stations

Dear Shayne:

I am pleased to inform you that on 16 March 2006 the IEEE-SA Standards Board approved the above referenced project until 31 December 2008. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/1185.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 14 June 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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International Stds Programs and Governance
Standards Activities
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PAR FORM

PAR Status: Modified Revision PAR
PAR Approval Date: 16 March 2006
PAR Signature Page on File: Yes

1. Assigned Project Number: P1185

2. Sponsor Date of Request: 2005-11-23

3. Type of Document: Recommended Practice for

4. Title of Document:

Draft: Recommended Practices for Cable Installation at Generating Stations

5. Life Cycle: Full-Use

6. Type of Project:

6a. Is this an update to an existing PAR? Yes

If Yes: Indicated PAR number/approval date: 1185 - 2004-09-23

If Yes: Is this Project in Ballot now? No

6b. The Project is a: Revision of Std 1185-1994

7. Working Group Information:

Name of Working Group: Station Cable Installation Criteria Working Group

Approximate Number of Expected Working Group Members:20

8. Contact information for Working Group Chair:

Name of Working Group Chair: John E Merando Jr

Telephone: +1 240 379 1453 **FAX:** +1 301 694 3279

Email: jmerando@bechtel.com

9. Contact information for Co-Chair/Official Reporter, Project Editor or Document Custodian if different from the Working Group Chair:

Name of Co-Chair/Official Reporter, Project Editor or Document Custodian:

Telephone: **FAX:**

Email:

10. Contact information for Sponsoring Society or Standards Coordinating Committee:

Name of Sponsoring Society and Committee: IEEE Power Engineering Society Insulated Conductors

Name of Sponsoring Committee Chair: James Fitzgerald

Telephone: 201-825-0300 **FAX:** 201-327-0276

Email: fitzgerald@okonite.com

Name of Liaison Rep. (if different from the Sponsor Chair): Shayne Wright

Telephone: +1 281 248 4310 **FAX:** +1 281 248 4396

Email: shayne.wright@ieee.org

Name of Co-Sponsoring Society and Committee:

Name of Co-Sponsoring Committee Chair:

Telephone: **FAX:**

Email:

Name of Liaison Rep. (if different from the Sponsor Chair):

Telephone: **FAX:**

Email:

11. The Type of ballot is: Individual Sponsor Ballot

Expected Date of Submission for Initial Sponsor Ballot: December 2007

12. Projected Completion Date for Submittal to RevCom: June 2008

Target Extension Request Information for a Modified PAR whose completion date is being extended past the original four-year life of the PAR:

Statement for Extension: The working group was slow in their response to requested items, and we are currently in the process of formulating the information received. We require the PAR extension to ensure that the information received is accurate, and to provide adequate time for the project to go to ballot.

No. of WG Members: 27

Times per year WG meets -

In Person: 2

Teleconference: 0

Times per year draft circulated: 2

% Draft Stable: 40

No. Working Revisions: 4

Balloting History: N/A

First Extension: Yes

13. Scope of Proposed Project:

This recommended practice provides guidance for wire and cable installation practices in generating stations and related power production facilities. This document may also be of benefit for the proper installation of wire and cable in industrial, commercial, governmental, and public facilities when similar wire or cables types and raceways are used.

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

14. Purpose of Proposed Project:

The purpose of this recommended practice is to provide guidance for the proper installation of wire and cable in generating stations and related power production facilities so that potential wire or cable damage can be minimized during the installation process.

15. Reason for the Proposed Project:

The reason for the change in title at this time was a request to delete the words "and Industrial Facilities" from the title of P1185 from PCIC. The PCIC WG Chairman for IEEE Std 576 - IEEE Recommended Practice for Installation, Termination, and Testing of Insulated Power Cable as Used in Industrial and Commercial Applications stated that IEEE 576-2000 already covered industrial facilities. The users of the standard are engineers (field and design) and craftsman installing cable in power generation plants, petro-chem plants, manufacturing plants, mining and metals plants, etc. No matter where cable is installed this document covers good recommended practices for proper cable installation. It covers installation of cable in trays, conduit, ductbanks, wireways, gutters, and other raceway systems. It covers MV power cable, LV power cable, control cable, instrumentation cable, coax/triax, fiber optic cable, and data communications cable.

16. Intellectual Property:

- a. **Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR?** Yes 2005-10-31
- b. **Is the sponsor aware of copyright permissions needed for this project?** No
- c. **Is the sponsor aware of trademarks that apply to this project?** No
- d. **Is the sponsor aware of possible registration activity related to this project?** No

17. Are there other documents or projects with a similar scope? No

There are other documents that touch the subject of cable installation such as IEEE Std 525 - Guide for the Design and

Installation of Cable Systems in Substations; and Chapter 8 of IEEE P241 - Recommended Practice for Electrical Systems in Commercial Buildings.

Similar Scope Project Information:

18. Is there potential for this document (in part or in whole) to be adopted by another national , regional or international organization? Do not know at this time

If yes, the following questions must be answered:

Organization Name?

Technical

Committee

International

Contact

Information?

19. Will this project result in any health, safety, or environmental guidance that affects or applies to human health or safety? No

If yes, please explain:

20. Sponsor Information

a. Is the scope of this project within the approved/scope/definition of the Sponsor's Charter? Yes

If no, please explain:

b. The Sponsor's procedures have been accepted by the IEEE-SA Standards Board Audit Committee? Yes

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

Item #3 - The PAR for P1185 is being modified at the request of PCIC as a result of discussions about the use of the words "and Industrial Facilities" in the title of P1185.

Item #13 and Item #14 - The scope and purpose were revised to match the revised title of the document.

Additional Information:

Previously, cable installation recommendations and storage/handling information was provided in IEEE Std 422-1986, IEEE Guide for Installation Methods for Generating Station Cables and IEEE Std 690-1984, IEEE Standard for the Design and Installation of Cable Systems for Class IE Circuits in Nuclear Power Generating Stations. Since IEEE Std 422 has not been updated since its original issue and is now withdrawn, and since IEEE Std 690-2004 has removed the cable installation information, this revision to IEEE Std 1185 has been developed to capture and update information needed to properly install cable and therefore help assure safe, reliable and long lasting service life.