



Jodi Haasz

12/16/2002 03:12 PM

To: lynn.saunders@ieee.org
cc: donkoval@shaw.ca
Subject: P493

16 December 2002

Lynn F. Saunders
General Motors Corporation
Argo "A" M/C 482-302-250
485 W. Milwaukee
Detroit, MI 48202-3220

Re: P493 Recommended Practice for the Design of Reliable
Industrial and Commercial Power Systems.

Dear Lynn:

I am pleased to inform you that on 11 December 2002 the IEEE-SA Standards Board approved the above referenced project until December 2006. A copy of the file is attached in .pdf format.

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 5.1.2f 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 this list to me via e-mail at j.haasz@ieee.org no later than 1 March 2003.

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
Senior Administrator
IEEE-SA Governance and Electronic Processes

PS - The information in the .pdf file is viewable in Adobe Reader, version 5.0 or higher. If you do not have this software, please go to <http://www.adobe.com/products/acrobat/readstep.html> to download the free version.



Sample Roster.xls



493.pdf

Jodi Haasz

Senior Administrator
IEEE-SA Governance and Electronic Processes
Standards Activities
Phone +1 732 562 6367
FAX +1 208 460 5300
Email: j.haasz@ieee.org

PAR FORM

PAR Status: Revision PAR
PAR Approval Date: 2002-12-11
PAR Signature Page on File: Yes
Review of Standards Development Process: No

1. Assigned Project Number: 493

2. Sponsor Date of Request: 2002-10-28

3. Type of Document: Recommended Practice for

4. Title of Document:

Draft: Recommended Practice for the Design of Reliable Industrial and Commercial Power Systems.

5. Life Cycle: Full Use

6. Type of Project:

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

6b. The Project is a: Revision of Std. 493-1997

7. Contact Information of Working Group:

Name of Working Group: Gold Book Working Group

Name of Working Group Chair: Don O Koval

Telephone: 403-464-0968 **FAX:** 403-464-0968

Email: donkoval@shaw.ca

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: Industry Applications Society/Power Systems Engineering

Name of Sponsoring Committee Chair: Lynn F Saunders

Telephone: 248-874-0955 **FAX:** 248-874-0286

Email: lynn.saunders@ieee.org

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

Telephone: FAX:

Email:

10. The Type of ballot is: Individual Sponsor Ballot

Expected Date of Submission for Initial Sponsor Ballot: 2004-12-01

11. Fill in Projected Completion Date for Submittal to RevCom: 2005-12-01

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 project will present the fundamentals of reliability analysis that should be used in planning, designing and operating reliable industrial and commercial power systems. The reliability fundamentals would include: probability and computer based methodologies, power system and utility maintenance and equipment reliability data, cost of power interruptions, emergency and standby power, electrical preventive maintenance, 24 x 7 facilities, mission critical facilities, and methodologies for estimating the frequency of power and process interruptions caused by voltage sags based on facility equipment susceptibility characteristics and utility network feeder voltage sag characteristics.

13. Purpose of Proposed Project:

The Gold Book is the only standard dedicated solely to the reliability analysis of industrial and commercial power systems. The present comprehensive equipment reliability surveyed data in the Gold Book will be updated by the Power Reliability Enhancement Program (PREP) sponsored database and will be the only database available publicly in the world for reliability analysis of industrial and commercial power systems. Each chapter in this standard will be updated to reflect current practices necessary for reliable operation of today's computer environments and mission critical facilities including voltage sag analysis based on equipment susceptibility characteristics and utility network feeder voltage sag characteristics.

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:

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

Do not Know

If yes, please answer the following questions:

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)