

P336

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Type of Project: Revision to IEEE Standard

PAR Request Date: 29-Jul-2008

PAR Approval Date: 07-Nov-2008

PAR Expiration Date: 31-Dec-2012

Status: PAR for a Revision to an existing IEEE Standard 336-2005

Project Record:

1.1 Project Number: P336

1.2 Type of Document: Recommended Practice

1.3 Life Cycle: Full Use

2.1 Title: Recommended Practice for Installation, Inspection, and Testing for Class 1E Power, Instrumentation, and Control Equipment at Nuclear Facilities

Old Title: IEEE Guide for Installation, Inspection, and Testing for Class 1E Power, Instrumentation, and Control Equipment at Nuclear Facilities

3.1 Working Group: Testing Working Group (PE/NPE/WG_3.1)

Contact Information for Working Group Chair

Name: Ted Riccio

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Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE Power & Energy Society/Nuclear Power Engineering (PE/NPE)

Contact Information for Sponsor Chair

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4.1 Type of Ballot: Individual

4.2 Expected Date of Submission for Initial Sponsor Ballot: 08/2009

4.3 Projected Completion Date for Submittal to RevCom: 08/2010

5.1 Approximate number of people expected to work on this project: 12

5.2 Scope: This recommended practice provides considerations for the pre-installation, installation, inspection, and testing of Class 1E power, instrumentation, and control equipment and systems of a nuclear facility while in the process of installing, inspecting, and testing during new construction, modification, or maintenance. This recommended practice does not apply to periodic testing.

Old Scope: This guide provides considerations for the pre-installation, installation, inspection, and testing of Class 1E power, instrumentation, and control equipment and systems of a nuclear facility while in the process of installing, inspecting, and testing during new construction, modification, and maintenance. This guidance is applicable to initial construction, modification (backfit), and maintenance activities. This guide does not apply to periodic testing.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: The purpose of this recommended practice is to identify the activities, instructions, and attributes that should be considered in the process of installing, inspecting, and testing during new construction, modification, and maintenance for Class 1E power, instrumentation, and control equipment at nuclear facilities.

Old Purpose The purpose of this guide is to identify the activities, instructions, and attributes that may be considered in the process of installing, inspecting, and testing during new construction, modification, and maintenance for Class 1E power, instrumentation, and control equipment at nuclear power stations. Changes to this guide are intended to ⎯ Review and consider lessons learned from industry (in particular, for post-modification and postmaintenance testing).

- ⎯ Provide a more comprehensive, organized user-friendly format.
- ⎯ Review and consider any other related user feedback.

5.5 Need for the Project: 1. Normal 5 year cycle.

2. Provide recommended practice in support of new construction activities in addition to current facilities.
3. Provide recommended practice considering current technology in support of new construction activities in addition to current facilities.

5.6 Stakeholders for the Standard: Nuclear facilities including power plants, fuel storage, fuel fabrication, and fuel reprocessing facilities.

Intellectual Property

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

If yes, state date: 21-Jan-2008

6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No

6.1.c. Is the Sponsor aware of possible registration activity related to this project? No

7.1 Are there other standards or projects with a similar scope? No

7.2 International Activities

a. Adoption

Is there potential for this standard (in part or in whole) to be adopted by another national, regional or international organization? Do Not Know

Organization:

Technical Committee Name:

Technical Committee Number:

Contact Person Name:

Contact Person Phone:

Contact Person Email:

b. Joint Development

Is it the intent to develop this document jointly with another organization? No

c. Harmonization

Are you aware of another organization that may be interested in portions of this document in their standardization development efforts? No

8.1 Additional Explanatory Notes (Item Number and Explanation): IEEE-336 is currently a Guide, and is proposed to become a Recommended Practice. The purpose for recategorizing IEEE-336 to a recommended practice is elevate the importance of the subject matter for an industry that has not built a new plant in 30 years. A recommended practice emphasis will allow reasonable flexibility with respect to the interpretation of the information provided but will use language that is more significant than a guide without the strict prescriptive language of a standard.