



IEEE 344™ Project Status Report

James Parello, Chairman IEEE 344™ (SC-2.5)
IEEE SC-2 Meeting (16-1)
Wednesday, April 24, 2016

Seattle Airport Marriott
Seattle, WA 98188

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Status Summary

- Scope & Purpose
- Meetings Held or Attended
- Activities Started in Report Period
- Activities Completed in Report Period
- Activities Unresolved in Report Period

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Scope & Purpose

- **Scope:** This standard describes methods for establishing seismic qualification procedures that will yield quantitative data to demonstrate that the equipment can meet its performance requirements.
- **Purpose:** This standard provides methods and documentation requirements for seismic qualification of equipment to verify the equipment's ability to perform its specified performance requirements during and/or after the specified seismic motions.

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Meetings Held or Attended

- Last IEEE 344 WG meeting was held on Monday, April 15, 2015 in Clearwater Beach, FL.
 - Purpose: To determine areas of interest for the next version of the standard.
 - Established five (5) topical areas of investigation:
 - Guidance on seismic margin techniques
 - Guidance on maintaining seismic qualification of plant equipment
 - Seismic test acceptance criteria at critical damping values other than 5% criteria damping
 - Need for aging of equipment prior to seismic testing
 - Summary of changes between revisions of IEEE Std 344 in succession and the effect the changes have on seismic qualification of the equipment

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Activities Completed in Report Period

- Assignment of Working Group Technical Leaders for the following areas for consideration
 - Guidance on seismic margin techniques (Not Assigned)
 - Guidance on maintaining seismic qualification of plant equipment (**Marie Nemier**)
 - Seismic test acceptance criteria at critical damping values other than 5% criteria damping (**Dan Pomeroy**)
 - Need for aging of equipment prior to seismic testing (**Howard Butler**)
 - Summary of changes between revisions of IEEE Std 344 in succession and the effect the changes have on seismic qualification of the equipment (**Jim Parelo**)

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Activities Started in Report Period

- IEEE P344 Sub-Working Group meetings were held in the area of guidance on maintaining seismic qualification of plant equipment
- Comparison investigation between IEEE Std 344 with IEC counterpart standards

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Activities Unresolved in Report Period

- Development of a PAR for the next revision of IEEE Std 344