IEEE Nuclear Power Engineering Standards (Active & Archive) Collection VuSpec™

Summary:

IEEE Nuclear Power Engineering Standards (Active & Archive) Collection represents the most complete resource available at a great value (over 70% off the individual purchase price). This collection gives professional engineers the best practices and techniques covering Equipment Qualification; Operating, Aging, Maintenance, Testing and Reliability; Auxiliary Power; Human Factors and Control Facilities; and Safety Related Systems for Nuclear Power plants.

These standards also cover Nuclear Science and Engineering standards that covers radiation detection and monitoring instrumentation, radiation effects, nuclear biomedical applications, particle accelerators, and instrumentation for nuclear power generation, and Plasma Science and Engineering standards that cover plasma dynamics, thermonuclear fusion, plasma sources, relativistic electron beams, laser plasma interactions, diagnostics, and solid state plasmas.

- Includes 95 Active and 143 Archive IEEE Standards, Guides, Recommended Practices, Erratas and Interpretations in PDF Format (for viewing on-screen or in print).
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- New VuSpec™ Series Interface Starts Automatically in Your Web Browser with Free Adobe Reader Software, Powerful Search Features Search on Abstracts, Keywords, An Entire Standard, or Across Multiple Standards.

- Glossary Look Up 1,465 Terms and their Official Definitions Derived from the Standards in the Convenient VuSpec Glossary Tool

- Links Convenient Internet Links are Built In; Visit the IEEE Power Engineering Society and ESRC to Stay Informed; Visit the NPEC committee Web Pages to Get Involved; Find a Conference; or Scan Press Releases that Affect Your Industry Today and Tomorrow.

Contains 95 Active and 143 Archive IEEE Standards, Guides, and Recommended Practice for Nuclear Power Engineering listed below:

IEEE Nuclear Power Engineering Standards

Table of Contents:

Active

- IEEE Std 7-4.3.2™-2010, IEEE Standard Criteria for Digital Computers in Safety Systems of Nuclear Power Generating Stations

- IEEE Std 308™-2012, IEEE Standard Criteria for Class 1E Power Systems for Nuclear Power Generating Stations

- IEEE Std 317™-2013, IEEE Standard for Electric Penetration Assemblies in Containment Structures for Nuclear Power Generating Stations

- IEEE Std 323™-2003 (R2008), IEEE Standard for Qualifying Class 1E Equipment for Nuclear Power Generating Stations

- IEEE Std 334™-2006 (R2012), IEEE Standard for Qualifying Continuous Duty Class 1E Motors for Nuclear Power Generating Stations

- IEEE Std 336™-2010, IEEE Recommended Practice for Installation, Inspection, and Testing for Class 1E Power, Instrumentation, and Control Equipment at Nuclear Facilities

- IEEE Std 338™-2012, IEEE Standard for Criteria for the Periodic Surveillance Testing of Nuclear Power Generating Station Safety Systems

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C Series

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N Series

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N Series

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- ANSI Std N323-1978, American National Standard Radiation Protection Instrumentation Test and Calibration
- ANSI Std N323A-1997, American National Standard Radiation Protection Instrumentation Test and Calibration, Portable Survey Instruments
- ANSI Std N323B-2003, American National Standard for Radiation Protection Instrumentation Test and Calibration, Portable Survey Instrumentation for Near Background Operation
- ANSI Std N323C-2009, American National Standard for Radiation Protection Instrumentation Test and Calibration-Air Monitoring Instruments

- ANSI Std N323D-2002, American National Standard for Installed Radiation Protection Instrumentation
- ANSI Std N322-1977, American National Standard Inspection and Test Specifications for Direct and Indirect Reading Quartz Fiber Pocket Dosimeters