

Nuclear Power Engineering Committee (NPEC)

Who We Are

The Nuclear Power Engineering Committee is responsible for developing and maintaining nuclear power plant standards in the electrical and electronics areas within the IEEE Power & Energy Society (PES). The Committee is comprised of an international group of technical experts from nuclear utilities and plant owners, vendors, architecture engineers, and regulators representing a wide cross-section of the nuclear industry. NPEC has been proactive in developing joint logo standards with IEC.

Committee Scope

NPEC is generally responsible for:

- Participating in and supporting goals and activities of PES
- Sponsorship of IEEE nuclear power plant standards
- Preparation of IEEE coordinated responses to USNRC draft regulatory guides, rule making documents and NUREG documents released for public comment
- Liaison between IEEE and ANSI, ASME, ANS, ASTM, and ISA and other International Organizations such as IAEA and IEC in all nuclear power plant matters

Subcommittees

- Equipment Qualification
- Operations, Maintenance, Aging, Testing, & Reliability
- Auxiliary Power
- Human Factors, Control Facilities, & Reliability
- Safety-Related Systems

Join Us!

Anyone interested in learning more about our standards and other activities and helping to advance the work of the committee is welcome to participate. Please attend an upcoming NPEC meeting and its associated subcommittee and working group meetings.

