

# SC-2 Standards

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# Published Standards

- IEC/IEEE 60780-323 February 2016
- IEC/IEEE 62582-2:2011/AMD1 2016
  - Approved By Standards Board in October 2015
- IEC/IEEE 62582-5 2015
  - Approved By Standards Board in June 2015
- IEEE 383-2015
  - Approved September 2015

# PAR Updates: Malia Zaman

PAR Number	Project Type	Committee	Title	Approval Date	PAR Expiration	Invitation Close Date	Ballot Close Date	Status
P62582-6	New	PE/NPE/WG_2.1	Nuclear power plants -- Instrumentation and control important to safety -- Electrical equipment condition monitoring methods. Part 6: Insulation resistance	5-Dec-2015	12/31/2019			WG Draft Development
P627	Revision	PE/NPE/WG_2.10_627	Standard for Qualification of Equipment Used in Nuclear Facilities	3-Mar-2016	12/31/2020			WG Draft Development
P650	Revision	PE/NPE/WG_2.13	Standard for Qualification of Class 1E Static Battery Chargers, Inverters and Uninterruptible Power Supply (UPS) Systems for Nuclear Power Generating Stations	10-Sep-11	12/31/2017			WG Draft Development
P2425	New	PE/NPE/WG_2.16	Standard for Electromagnetic Compatibility Testing of Electrical and Instrumentation and Control Equipment at Nuclear Power Generating Stations and Other Nuclear Facilities	Pending				NesCom Agenda 02-May-2016

1	IEEE/IEC 60780-323: 2016	Qualification of Electrical Equipment Important to Safety for Nuclear Facilities	Published 2016	NA	31-Dec-26
1	62582-1	Standard for Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 1: General		NA	31-Dec-21
1	62582-2	Standard for Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 2: Indenter modulus		NA	31-Dec-21
1	62582-2-am1	Nuclear Power Plants - Instrumentation and Control Important to Safety - Electrical Equipment Condition Monitoring Methods - Part 2: Indenter Modulus Amendment 1	Published 2015	NA	NA
1	62582-3	Standard for Nuclear Power Plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 3: Elongation at break		NA	31-Dec-22
1	62582-4	Standard for Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods Part 4: Oxidation induction techniques		NA	31-Dec-21
1	62582-5	Nuclear Power Plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods Part 5: Optical time domain reflectometry	Published 2015	NA	31-Dec-25
1	P62582-6	Nuclear Power Plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods Part 6: Insulation Resistance		31-Dec-19	
2	IEEE <a href="#">334-2006</a> R2012	IEEE Standard for Qualifying Continuous Duty Class 1E Motors for Nuclear Power Generating Stations		NA	31-Dec-22
3	IEEE <a href="#">382-2006</a>	IEEE Standard for Qualification of Safety-Related Actuators for Nuclear Power Generating Stations	PAR	31-Dec-09	31-Dec-18
4	IEEE <a href="#">383-2015</a>	IEEE Standard for Qualifying Electric Cables and Splices for Nuclear Facilities	Published	NA	31-Dec-25
5	IEEE <a href="#">344-2013</a>	IEEE Standard for Seismic Qualification of Equipment for Nuclear Power Generating Stations	IEC Harmonize	NA	31-Dec-23
6	C37.98-2013	IEEE Draft Standard for Seismic Qualification Testing of Protective Relays and Auxiliaries for Nuclear Facilities		NA	31-Dec-23
10	IEEE <a href="#">627-2010</a>	IEEE Standard for Qualification of Equipment Used in Nuclear Facilities		31-Dec-20	31-Dec-20
11	IEEE <a href="#">572-2006</a> R2011	IEEE Standard for Qualification of Class 1E Connection Assemblies for Nuclear Power Generating Stations	Start	NA	31-Dec-21
13	IEEE <a href="#">650-2006</a>	Standard for Qualification of Class 1E Static Battery Chargers, Inverters and Uninterruptible Power Supply (UPS) Systems for Nuclear Power Generating Stations	NPEC July	31-Dec-17	31-Dec-18
14	IEEE <a href="#">649-2006</a> R2011	IEEE Standard for Qualifying Class 1E Motor Control Centers for Nuclear Power Generating Stations		NA	31-Dec-21
15	IEEE 1682 - 2011	IEEE Standard for Qualifying Fiber Optic Cables, Connections, and Optical Fiber Splices for Use in Safety Systems in Nuclear Power Generating Stations	White Paper	NA	31-Dec-21
16	P2425	Standard for Electromagnetic Compatibility Testing of Electrical and Instrumentation and Control Equipment at Nuclear Power Generating Stations and Other Nuclear Facilities	PAR		