

SC-2 "Qualification"

Chair: Jim Gleason

PROJECT	Year	Re-Affirmation	PAR Expiration	TITLE	Working Group	Chair	Cycle Year	N10-1	N10-2	N11-1	N11-2	N12-1	N12-2	Status/Comments
323	2003	2008	Dec-2013	IEEE Standard for Qualifying Class 1E Equipment for Nuclear Power Generating Stations	2.1	J. Gleason	3							Reaffirmation approved by StdBd on Sept. 25, 2008. PAR P323 is being issued so that IEEE 323 and IEC 60780 will be a joint standard. PAR to be revised and resubmitted for electronic review by ADCOM by 2/28/09. PAR approved via conference call on 5/6/09. PAR approved by StdBd on June 17, 2009. Ballot closed Nov. 4, 2009, submitted to RevCom.
334	2006			IEEE Standard for Qualifying Continuous Duty Class 1E Motors for Nuclear Power Generating Stations	2.2	James Dean	5			Elec PAR				Revision approved by Stds Bd 9/15/06. PAR to be issued ASAP
344	2004		Dec. 2014	IEEE Recommended Practice for Seismic Qualification of Class 1E Equipment for Nuclear Power Generating Stations	2.5	J. Parelo	7	ADCOM Approved PAR						Revision approved by Stds Bd 12/8/04. Reaffirm at 09-02, pending SC-2 approval at April meeting. Submitted to RevCom for reaffirmation at the Sept Meeting PAR approved June 17, 2010 thru Dec 2014.
382	2006			IEEE Standard for Qualification of Safety-Related Actuators for Nuclear Power Generating Stations	2.3	E. Mohtashemi	5		Reaf to be issued.					Revision approved by Stds Bd on 12/6/06. Has reaffirmation been issued?
383	2003	2008		IEEE Standard for Qualifying Class 1E Electric Cables, Field Splices and Field Splices for Nuclear Power Generating Stations	2.4	J. White	3		Reaf to be issued.					Revised 2003. Reaffirmation ballot closed 7/9/08, 100% approval, 4 comments. Standards Board approved Dec 10, 2008
572	2006			IEEE Standard for Qualification of Class 1E Connection Assemblies for Nuclear Power Generating Stations	2.11	F. Roy	5		Reaf to be issued.					Revision approved by Stds Bd 12/6/06. Reaffirmation in process.
627	2010			Standard for Qualification of Equipment Used in Nuclear Facilities	2.10	D. Horvath	1							PAR approved by Stds Bd on 5/7/07 PAR Rev approved by ADCOM N08-1, approved by Stds Bd 6/12/08 Ballot closed 11/24/08. P627-Draft 3 was balloted successfully in November 2008 by 74 balloters with a 90% response rate and of those who voted 93% voted affirmative. Approved by Std bd March 25, 2010.

649	2006			IEEE Standard for Qualifying Class 1E Motor Control Centers for Nuclear Power Generating Stations	2.14	R. Francis	5		Corrigenda PAR					Revision approved by Stds Bd 9/15/06. Document in the reaffirmation process. Reaffirmation is in process however, there was an error in the original issuance which is requiring the initiation of a Corrigenda PAR prior to completing the reaffirmation.
650	2006			IEEE Standard for Qualification of Class 1E Static Battery Chargers and Inverters for Nuclear Power Generating Stations	2.13	D. Dellinger	5		PAR or Reaf					Revision approved by Stds Bd 6/08/06. Will seek reaffirmation in 2010 followed by PAR.
P1682			Dec-2011	Standard for Qualifying Fiber Optic Cables, Connections, and Optical Fiber Splices for Use in Safety Systems of Nuclear Power Generating Stations	2.15	Jan Pirrong		Preview	Preview					PAR approved by Stds Bd on 11/10/05 thru 12/31/09. PAR extension will be requested. PAR extension submitted to be reviewed at 1/21/11 NesCom meeting.
P62582-1			Dec-2013	Nuclear power plants - Instrumentation and control important to safety - Electrical equipment conditioning monitoring Part 1: General	2.1	Jim Gleason		Preview						PAR approved 5/6/09 via conference call. PAR approved by StdBd on June 17, 2010.
P62582-2			Dec-2013	Nuclear power plants - Instrumentation and control important to safety - Electrical equipment conditioning monitoring Part 2: Indenter modulus	2.1	Jim Gleason		Preview						PAR approved 5/6/09 via conference call. PAR approved by StdBd on June 17, 2010.
P62582-3			Dec-2013	Nuclear power plants - Instrumentation and control important to safety - Electrical equipment conditioning monitoring Part 3: Elongation at break	2.1	Jim Gleason				Preview				PAR approved 5/6/09 via conference call. PAR approved by StdBd on June 17, 2009.
P62582-4			Dec-2013	Nuclear power plants - Instrumentation and control important to safety - Electrical equipment conditioning monitoring Part 4: Oxidation induction measurements	2.1	Jim Gleason		Preview						PAR approved 5/6/09 via conference call. PAR approved by StdBd on June 17, 2010.
P62582-5			Dec-2013	Nuclear power plants - Instrumentation and control important to safety - Electrical equipment conditioning monitoring Part 5: Optical Time Domain Reflectometry	2.1	Jim Gleason								PAR approved 5/6/09 via conference call. PAR approved by StdBd on June 17, 2009.

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SC-3 "Operations, Maintenance, Aging, Testing & Reliability"

Chair: Mansoor Sanwarwalla

PROJECT	Year	Re-Affirmation	PAR Expiration	TITLE	Working Group	Chair	Cycle Year	N10-1	N10-2	N11-1	N11-2	N12-1	N12-2	Status/Comments
1205	2000	2007		IEEE Guide for Assessing, Monitoring, and Mitigating Aging Effects on Class 1E Equipment used in Nuclear Power Generating Stations	3.4	D. Horvath	4							Standard approved at 3/30/2000 Standards Board Meeting. Ballot for corrigendum opened 1/8/06, approved 3/30/06. Re-affirmation in process. Approved by Std Bd March 22, 2007
336	2010			IEEE Standard Installation, Inspection, and Testing Requirements for Power, Instrumentation, and Control Equipment at Nuclear Facilities	3.1	T. Riccio	1							Revision Approved by Stds Bd on 9/22/05. PAR approved by ADCOM 08-02 and approved by StdBd Nov 7, 2008. Ballot opens Dec. 17 and closes on Jan 16, 2010. Revision approved by the StdBd on June 17, 2010
338	2006		Dec. 2014	IEEE Standard Criteria for the Periodic Surveillance Testing of Nuclear Power Generating Station Safety Systems	3.1	T. Riccio	5	Electronic PAR	WIP	Preview				Revision approved by Stds Bd 12/6/06. PAR electronically approved by ADCOM and submitted to NesCom for Jan 2010 meeting. PAR approved by StdBd Feb 2010.
352	1987	2010		IEEE Guide for General Principles of Reliability Analysis of Nuclear Power Generating Station Protection Systems	3.3	J. Liming	1							Evaluating issuance of PAR. PAR submitted to ADCOM 08-02, requires revision. PAR will be updated to address Risk Informed Technology. Reaffirmation Ballot close date Nov. 2, 2009. Reaffirmation approved by StdBd March 17, 2010.
577	2004		Dec-2012	IEEE Standard Requirements for Reliability Analysis in the Design and Operation of Safety Systems for Nuclear Power Generating Stations	3.3	J. Liming	7							Revision approved by Stds Bd on 5/12/04. PAR submitted to ADCOM 08-02 and approved by StdBd Nov 7, 2008
692	2010			IEEE Standard Criteria for Security Systems for Nuclear Power Generating Stations	3.2	D. Horvath	1							Reaffirmation approved by Stds Bd on 9/22/05. PAR for extension approved by Stds Bd 9/22/05. Ballot closed 11/24/08. P692-Draft 3 was balloted successfully in November 2008 by 57 balloters with a 87% response rate and of those who voted 93% voted affirmative. There are a total of 61 comments and 3 negative comments. Plan to reballot this year. PAR extension will be submitted to Std Coordinator by Sept 09. PAR extension approved by Std Bd on Dec. 9, 2009 thru Dec. 31, 2010. Approved by Std Bd June 17, 2010.
933	1999	2004	Dec-2012	Guide for Definition of Reliability Program Plans	3.3	J. Liming	7	ADCOM approved PAR						Reaffirmation approved by Stds Bd 12/08/04. PAR submitted to ADCOM 08-02 and approved by StdBd Nov 7, 2008
P1819			Dec. 2014	Standard for Risk-Informed Categorization and Treatment of Electrical Equipment in Nuclear Facilities				WIP						PAR electronically approved by ADCOM and submitted to NesCom for Jan 2010 meeting. PAR approved by StdBD March 25, 2010.

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Draft Standards	0
PAR's in process	4
PAR's Needed	1
Re-Affirmations in process	0

SC-4 "Auxiliary Power"

Chair: Dale Goodney

PROJECT	Year	Re-Affirmation	PAR Expiration	TITLE	Working Group	Chair	Cycle Year	N10-1	N10-2	N11-1	N11-2	N12-1	N12-2	Status/Comments
1290	1996	2005	Dec. 2014	Guide for MOV Motor Application, Protection, Control and Testing in Nuclear Generating Stations	4.4	B. Lord	6	ADCOM PAR Approved						Reaffirmation approved by Stds Bd on 9/22/05. PAR submitted to ADCOM 08-02, requires revision. PAR approved at ADCOM 09-01. PAR approved June 17, 2010 thru Dec 2014.
308	2001	2007	Dec. 2014	IEEE Standard Criteria for Class 1E Power Systems for Nuclear Power Generating Stations	4.1	Kaiji Hara	4	Elect PAR						Approved by Standards Board 12/06/01. Reaffirmation on March 2007 Revcom agenda. Approved by Std Bd March 22, 2007 PAR electronically approved by ADCOM and submitted to NesCom for Jan 2010 meeting. PAR approved Feb. 5, 2010
317	1983	2003	Dec-2012	IEEE Standard for Electric Penetration Assemblies in Containment Structures for Nuclear Power Generating Stations	4.3	J. MacDonald	8							Reaffirmed 1996, 2003. PAR approved by ADCOM N07-02. PAR approved 3/27/08. Preview 11-01
387	1995	2007	Dec-2012	IEEE Standard Criteria for Diesel-Generator Units Applied as Standby Power Supplies for Nuclear Power Generating Stations	4.2	P. Johnson	4							Reaffirmed by Stds Bd on 3/17/01. Reaffirmed by Stds Bd on 9/27/07. PAR approved by ADCOM N07-02. Submitted to RevCom 7/08. PAR approved by Stds Bd 9/27/08.
628	2001	2006	Dec-2012	IEEE Standard Criteria for the Design, Installation, and Qualification of Raceway	4.9	Dale Goodney	5			Preview				Reaffirmation approved by Stds Bd on 12/6/06. 01-08 PAR approved by ADCOM N08-1, approved by Stds Bd 4/1/08.
690	2004			IEEE Standard for the Design and Installation of Cable Systems for Class 1E Circuits in Nuclear Power Generating Stations			7							
741	2008			IEEE Standard Criteria for the Protection of Class 1E Power Systems and Equipment in Nuclear Power Generating Stations	4.7	David L. Gladey	3							Reaffirmed by Stds Bd on 6/13/02. PAR for revision approved by Stds Bd on 9/22/05 thru 12/31/09. Approved for ballot at N06-2. Was balloted and comments received and being worked on. Approved by NesCom Sept 07. Published Feb. 08.
765	2006		Dec-2012	Standard for Preferred Power Supply for Nuclear Power Plants	4.6	G. Attarian	5				Preview			Revision approved Stds Bd 6/08/06. PAR approved by StdBd on Nov. 7, 2008. PAR was approved by ADCOM at 09-01
833	2005			IEEE Recommended Practice for the Protection of Electric Equipment in Nuclear Power Generating Stations from Water Hazards	4.8	R. Fletcher	6		Submitted for Reaf					Revision approved by Stds Bd on 12/7/05. To be Reaffirmed
P1792			Dec-2012	Recommended Practices for Nuclear Power Plant Offsite Power Circuits Reliability	4.6	G. Attarian					Preview			PAR was approved by ADCOM at 09-01 and StdBd on Nov. 7, 2008. Need a revised PAR to change Purpose and Scope. Revised PAR approved Dec. 8, 2010.

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SC-5 "Human Factors, Control Facilities and Human Reliability"

Chair: Robert Fuld

PROJECT	Year	Re-Affirmation	PAR Expiration	TITLE	Working Group	Chair	Cycle Year	N10-1	N10-2	N11-1	N11-2	N12-1	N12-2	Comments/Results
1023	2004			IEEE Guide for the Application of Human Factors Engineering to Systems, Equipment, and Facilities of Nuclear Power Generating Stations	5.1	R. Waters	7							Revision approved by Stds Bd 12/08/04. Reaffirmation will be recommended. SA Board extended validity to Dec. 2010. Reaffirmation complete 100% approval.
1082	1997	2010		Guide for Incorporation of Human Reliability Analysis into PRA for Nuclear Power Generating Stations	5.4	R. Waters	1		Submitted for Reaf.	Elec PAR				Stable standard. StdBd approved (12/10/08) extension of standard for 1 year to allow time for request for standard stabilization. SC Chair will draft a letter to RevCom requesting standardization of standard. SA Board extended validity to Dec. 2010. IEEE Rejected stabilization of standard. Reaffirmation complete 100% approval. Reaffirmation approved by RevCom Dec 8, 2010.
1289	1998	2004	Dec. 2014	Guide for the Application of Human Factors Engineering in the Design of Computer-Based Monitoring and Control Displays for Nuclear Power Generating Stations	5.1	R. Waters	7	Elect PAR						Reaffirmation approved by Stds Bd 12/08/04. SA Board extended validity to Dec. 2010. PAR electronically approved by ADCOM and submitted to NesCom for Jan 2010 meeting .PAR approved by StdBd March 2010.
845	1988	2005		IEEE Guide to Evaluation of Man-Machine Performance in Nuclear Power Generating Station Control Rooms and Other Peripheries	5.1	R. Waters	6		Need PAR/Reaf					Reaffirmation approved by Stds Bd on 3/20/05. Evaluating issuance of PAR
P1574	Withdrawn			Recommended Practice for Conducting Human Reliability Analysis for Nuclear Power Generating Stations	5.4	J. Bongarra								ADCOM N07-02 allow withdrawal
P1586	Withdrawn			Recommended Practice for Lessons Learned Programs for Nuclear Facilities.	5.5	J. Persensky								Administratively withdrawn 12/7/05.
P1707			Dec-2011	Recommended Practice for Investigation of Events at Nuclear Facilities	5.5	J. Persensky				Preview				A PAR was approved by ADCOM at N07-1 subject to incorporation of comments. PAR approved by ADCOM N07-02. Approved by Std Bd 12/5/07.
P1587	Withdrawn			Principles of Qualitative Risk Management for Nuclear Facilities.	5.3	G. Hannaman								Administratively withdrawn 12/7/05. No further action planned.
P1786			Dec-2012	Human Factors Guide for Application of Computerized Operating Procedure Systems at Nuclear Power Generating Stations and Other Nuclear Facilities	5.1	R. Waters		WIP	Preview					01-08 - New PAR approved by Stds Bd 06/12/08. Invitation to ballot issued
P62646			Dec-2014	Standard for Nuclear Power Plants - Control Rooms - Computerized Procedures	5.1	R. Waters								

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Draft Standards	2
PAR's in process	2
PAR's Needed	0

SC-6 "Safety Related Systems"

Chair: Daryl Harmon

Standard	Year	Re-Affirmation	PAR Expiration	TITLE	Working Group	Chair	Cycle Year	N10-1	N10-2	N11-1	N11-2	N12-1	N12-2	Status/Comments
379	2000	2008	Dec. 2014	IEEE Standard Application of the Single-Failure Criterion to Nuclear Power Generating Station Safety Systems	6.3	R. Beacom	3	Elect. PAR			Preview	Preview		Reaffirmation approved by Stds Bd 3/27/08. PAR electronically approved by ADCOM and submitted to NesCom for Jan 2010 meeting. PAR approved by StdBd Feb. 2010.
384	2008			IEEE Standard Criteria for Independence of Class 1E Equipment and Circuits	6.5	R. Jamison	3							PAR approved on 3/17/01 by Stds Bd (through 12/05). PAR extension approved by Stds Bd on 9/22/05 thru 12/31/07. ADCOM electronically approved standard for ballot. New PAR extension approved to Dec 2008 by Std Bd (12/5/07). Standard balloted and comments received. 43 votes were received (90% response) with 37 approved (88%) and 5 disapproved (12%). 30 comments received. Standard approved and published in Dec 2008.
420	2001	2008	Dec. 2014	IEEE Standard for the Design and Qualification of Class 1E Control Boards, Panels, and Racks Used in Nuclear Power Generating Stations	6.5	R. Jamison	3	ADCOM approved PAR		Preview				Reaffirmation approved by Stds Bd 3/27/08 Preview 11-01. Preview at 11-01. PAR approved by StdBd March 2010.
497	2002	2010		Standard for Accident Monitoring Instrumentation for Nuclear Power Generating Stations	6.1	G. Hostetter	1	Preview						Approved by Standards Board 5/13/02. PAR for corrigendum approved 9/22/05 thru 12/31/09. Corrigendum approved 8/07. Standard re-issued Dec 07. Reaffirmation approved by Stds Bd June 2008. PAR submitted to ADCOM at 09-01 meeting. PAR approved 5/6/09 via conference call. PAR approved by StdBd on June 17, 2009. Revision approved by Std BD Sept. 30, 2010
603	2009			IEEE Standard Criteria for Safety Systems for Nuclear Power Generating Stations	6.3	R. Beacom	2							PAR approved 12/03 through 12/07. Permission to ballot provided by NPEC at N06-1. Invitation to ballot issued. Closes Feb. 15, 2008. PAR extension approved by Std Bd 12/5/07. Editorial review resulted in mandatory comments to be incorporated. PAR revision needed to make Scope identical to original. PAR terminated on 10/30/08, Revised PAR issued 12/14/08, Ballot pool started on 11/20/08. Returned to WG for corrections. To be electronically reviewed 2/28/09. Comments dispositioned and submitted to RevCom for Approval in Sept meeting. Std Board approved and issued document on Nov. 5, 2009.

