

**Regulatory Guide Update Program - Phase 3**

<b>RG</b>	<b>DG</b>	<b>Title</b>	<b>Status</b>
1.1		Net Positive Suction Head for Emergency Core Cooling and Containment Heat Removal System Pumps	
1.6		Independence Between Redundant Standby (Onsite) Power Sources and Between Their Distribution Systems	
1.11	1225	Instrument Lines Penetrating Primary Reactor Containment	
1.13		Spent Fuel Storage Facility Design Basis	
1.21	1186	Measuring, Evaluating, and Reporting Radioactivity in Solid Wastes and Releases of Radioactive Materials in Liquid and Gaseous Effluents from Light-Water-Cooled Nuclear Power Plants	Publish DG for public comment October 2008
1.27		Ultimate Heat Sink for Nuclear Power Plants	
1.28	1215	Quality Assurance Program Requirements (Design and Construction)	
1.34	1223	Control of Electroslag Weld Properties	
1.40	1150	Qualification Tests of Continuous-Duty Motors Installed Inside Qualification of Safety-Related Motors for Nuclear Power Plants	
1.43	1221	Control of Stainless Steel Weld Cladding of Low-Alloy Steel Components	
1.44	1224	Control of the Use of Sensitized Stainless Steel	
1.47	1205	Bypassed and Inoperable Status Indication for Nuclear Power Plant Safety Systems	Comment period closed December 2008
1.50	1222	Control of Preheat Temperature for Welding of Low-Alloy Steel	
1.59		Design Basis Floods for Nuclear Power Plants	
1.62	1190	Manual Initiation of Protective Actions	Publish DG for public comment December 2008
1.63		Electric Penetration Assemblies in Containment Structures for Nuclear Power Plants	

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1.65		Materials and Inspections for Reactor Vessel Closure Studs	Publish DG for public comment
	1211	Materials and Inspections for Reactor Vessel Closure Studs	
1.68.1		Preoperational and Initial Startup Testing of Feedwater and Condensate Systems for Boiling Water Reactor Power Plants	
1.68.2	1236	Initial Startup Test Program to Demonstrate Remote Shutdown Capability for Water-Cooled Nuclear Power Plants	
1.68.3		Preoperational Testing of Instrument and Control Air Systems	
1.69		Concrete Radiation Shields for Nuclear Power Plants	Comment period closed January 2008
	1187		
1.72		Spray Pond Piping Made from Fiberglass-Reinforced Thermosetting Resin	
1.73		Qualification Tests of Electric Valve Operators Installed Inside the Containment of Nuclear Power Plants	
1.78		Evaluating the Habitability of a Nuclear Power Plant Control Room During a Postulated Hazardous Chemical Release	
1.90	1197	Inservice Inspection of Prestressed Concrete Containment Structures with Grouted Tendons	
	1182	Response-Time Testing of Protection System Instrument Channels (IC 121-5)	
1.96		Design of Main Steam Isolation Valve Leakage Control Systems for Boiling Water Reactor Nuclear Power Plants	
1.99		Radiation Embrittlement of Reactor Vessel Materials	
1.102		Flood Protection for Nuclear Power Plants	
1.105	1141	Setpoints for Safety-Related Instrumentation	
1.106		Thermal Overload Protection for Electric Motors on Motor-Operated Valves	
1.107	1196	Qualifications for Cement Grouting for Prestressing Tendons in Containment Structures	
1.115	1217	Protection Against Low-Trajectory Turbine Missiles	

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1.118		Periodic Testing of Electric Power and Protection Systems	
1.125	1198	Physical Models for Design and Operation of Hydraulic COMPLETE - 3/24/09 - 74 FR 12401	RG Published March 2009
1.126	1189	An Acceptable Model and Related Statistical Methods for the Analysis of Fuel Densification	Publish DG for public comment December 2008
1.127		Inspection of Water-Control Structures Associated with Nuclear Power Plants	
1.141	1213	Containment Isolation Provisions for Fluid Systems Containment Isolation Provisions for Fluid Systems	
1.145		Atmospheric Dispersion Models for Potential Accident Consequence Assessments at Nuclear Power Plants	
1.147	1231	Inservice Inspection Code Case Acceptability, ASME Section XI, Division 1	
1.151	1178	Instrument Sensing Lines	Comment period closed February 2009
1.153		Criteria for Safety Systems	
1.156	1147	Environmental Qualification of Connection Assemblies for Nuclear Power Plants	
1.158		Qualification of Safety-Related Lead Storage Batteries for Nuclear Power Plants	
1.160		Monitoring the Effectiveness of Maintenance at Nuclear Power Plants	
1.163	1220	Performance-Based Containment Leak-Test Program	
1.168		Verification, Validation, Reviews, and Audits for Digital Computer Software Used in Safety Systems of Nuclear Power Plants	
1.169	1206	Configuration Management Plans for Digital Computer Software Used in Safety Systems of Nuclear Power Plants	
1.170	1207	Software Test Documentation for Digital Computer Software Used in Safety Systems of Nuclear Power Plants	

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<b>RG</b>	<b>DG</b>	<b>Title</b>	<b>Status</b>
1.171	1208	Software Unit Testing for Digital Computer Software Used in Safety Systems of Nuclear Power Plants	
1.172	1209	Software Requirements Specifications for Digital Computer Software Used in Safety Systems of Nuclear Power Plants	
1.173	1210	Developing Software Life Cycle Processes for Digital Computer Software Used in Safety Systems of Nuclear Power Plants	
1.174	1226	An Approach for Using Probabilistic Risk Assessment in Risk-Informed Decisions on Plant-Specific Changes to the Licensing Basis	
1.175		An Approach for Plant-Specific, Risk-Informed Decisionmaking: Inservice Testing	
1.177	1227	An Approach for Plant-Specific, Risk-Informed Decisionmaking: Technical Specifications	
1.178		An Approach for Plant-Specific Risk-Informed Decisionmaking for Inservice Inspection of Piping	
1.189	1214	Fire Protection for Operating Nuclear Power Plants	
1.193	1193	ASME Code Cases Not Approved for Use	RG Published
1.194	1188	Atmospheric Relative Concentrations for Control Room Radiological Habitability Assessments at Nuclear Power Plants	
1.205	1218	Risk-Informed, Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants	
	1202	Performing Seismic Margin Analysis for Nuclear Power Plants	
	1203	Containment Performance and Assessment for Nuclear Power Plants	Comment period closed December 2008
1.212		Sizing Of Large Lead-Acid Storage Batteries	Publish DG for public comment
	1183	COMPLETE 11/25/08 - 73 FR 228	November 2008
	1184	Installation of Valve Regulated Batteries	

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	1185	Maintenance and Testing of Valve Regulated Batteries	
	1176	Assessment of Beyond-Design-Basis Aircraft Impacts	
3.5	3024	Standard Format and Content of License Applications for Uranium Mills	Comment period closed
3.8	3025	Preparation of Environmental Reports for Uranium Mills	Comment period closes
3.12	3034	General Design Guide for Ventilation Systems of Plutonium Processing and Fuel Fabrication Plants	Comment period closed November 2008
3.15	3036	Standard Format and Content of License Applications for Storage Only of Unirradiated Power Reactor Fuel and Associated Radioactive Material	
3.16	3035	General Fire Protection Guide for Plutonium Processing and COMPLETED 4/17/09 - 74 FR 17885	RG Published April 2009
3.25	3033	Standard Format and Content of Safety Analysis Reports for COMPLETE - 1/7/09 74 FR 728	RG Published January 2009
3.46	3026	Standard Format and Content of License Applications, Including Environmental Reports, for In Situ Uranium Solution Mining	
3.51		Calculational Models for Estimating Radiation Doses to Man from Airborne Radioactive Materials Resulting from Uranium Milling Operations	
3.52	3031	Standard Format and Content for the Health and Safety Sections of License Renewal Applications for Uranium Processing and Fuel Fabrication	Comment period closed November 2008
3.56		General Guidance for Designing, Testing, Operating, and Maintaining Emission Control Devices at Uranium Mills	
3.59		Methods for Estimating Radioactive and Toxic Airborne Source Terms for Uranium Milling Operations	
4.1	4013	Programs for Monitoring Radioactivity in the Environs of Nuclear Power Plants Environmental Monitoring for Nuclear Power Plants	Publish DG for public comment October 2008

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<b>RG</b>	<b>DG</b>	<b>Title</b>	<b>Status</b>
4.2		Preparation of Environmental Reports for Nuclear Power Stations	
4.2S1		Supplement 1 to Regulatory Guide 4.2, Preparation of Supplemental Environmental Reports for Applications To Renew Nuclear Power Plant Operating Licenses	
4.9		Preparation of Environmental Reports for Commercial Uranium Enrichment Facilities	
4.11	4016	Terrestrial Environmental Studies for Nuclear Power Stations	
4.14	4011	Radiological Effluent and Environmental Monitoring at Uranium Mills	
	5020	Applying for Enhanced Weapons Authority and Accomplishing Firearms Background Check	
5.73	5026	Managing Personnel Fatigue at Nuclear Power Reactor Sites	RG Published March 2009
	New-022	COMPLETE - 3-20-09 74 FR 11979 Construction Fitness for Duty	
6.7		Preparation of an Environmental Report To Support a Rule Making Petition Seeking an Exemption for a Radionuclide-Containing Product	
6.9		Establishing Quality Assurance Programs for the Manufacture and Distribution of Sealed Sources and Devices Containing Byproduct Material	
8.7	8030	Instructions for Recording and Reporting Occupational Radiation Exposure Data	
8.8		Information Relevant to Ensuring that Occupational Radiation Exposures at Nuclear Power Stations Will Be as Low as Is Reasonably Achievable	
8.34	8031	Monitoring Criteria and Methods To Calculate Occupational Radiation Doses	
10.4	0020	Guide for the Preparation of Applications for Licenses to	RG Published March 2009
	New-015	COMPLETE 3/17/09 - 74 FR 11382 Preferred Power Supply	

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<b>RG</b>	<b>DG</b>	<b>Title</b>	<b>Status</b>
	1204	Guidelines for Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Closure Notifications	Publish DG for public comment March 2009
5.72	5025	Physical Security Hardware, Inspections, Testing, Analyses, and Acceptance Criteria	
1.84-R35	1191	Design and Fabrication and Materials Code Case Acceptability, ASME Section III	
1.147-R16	1192	Inservice Inspection Code Case Acceptability, ASME Section XI, Division 1	
1.193-R3	1193	ASME Code Cases Not Approved for Use	
1.13-R3		Spent Fuel Storage Facility Design Basis	
	1216	Transition Break Size Applicability, aka: "Risk-Informed Changes to Loss-of-Coolant Accident Technical Requirements"	
1.205-R1	1218	Risk-Informed, Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants	
1.189-R2	1214	Fire Protection for Operating Nuclear Power Plants	
	4014	Radiological Surveys and Monitoring During Operations	