| RG           | DG   | Title  | Status          |
|--------------|------|--|-----------------|
| 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   |                 |
| 1.8          |      | Qualification and Training of Personnel for Nuclear Power Plants   |                 |
| 1.21         |      | 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   |                 |
| 1.22         |      | Periodic Testing of Protection System Actuation Functions  |                 |
| 1.27         |      | Ultimate Heat Sink for Nuclear Power Plants  |                 |
| 1.40         |      | Qualification Tests of Continuous-Duty Motors Installed Inside the   |                 |
| 1.45         | 1173 | Containment of Water-Cooled Nuclear Power Plants Reactor Coolant Pressure Boundary Leakage Detection Systems | Publish DG for  |
| 1.45         | 1173 | Reactor Coolant Plessure Boundary Leakage Detection Systems  |                 |
| 4 47         |      | Dimensional and Increased a Chattan Indication for Nicelean Devices Diont                                    | Comments Aug 07 |
| 1.47         |      | Bypassed and Inoperable Status Indication for Nuclear Power Plant Safety Systems                             |                 |
| 1.54         |      | Service Level I, II, and III Protective Coatings Applied to Nuclear  |                 |
| 1.54         |      | Power Plants   |                 |
| 1.59         |      | Design Basis Floods for Nuclear Power Plants   |                 |
|              |      |  |                 |
| 1.62<br>1.63 |      | Manual Initiation of Protective Actions  |                 |
| 1.03         |      | Electric Penetration Assemblies in Containment Structures for Nuclear Power Plants                           |                 |
| 1.69         |      | Concrete Radiation Shields for Nuclear Power Plants  |                 |
| 1.70         |      | Standard Format and Content of Safety Analysis Reports for Nuclear   |                 |
| 1.70         |      | Power Plants (LWR Edition)   |                 |
| 1.73         |      | Qualification Tests of Electric Valve Operators Installed Inside the   |                 |
|              |      | Containment of Nuclear Power Plants  |                 |
| 1.77         |      | Assumptions Used for Evaluating a Control Rod Ejection Accident for  |                 |
|              |      | Pressurized Water Reactors   |                 |
| 1.82         |      | Water Sources for Long-Term Recirculation Cooling Following a  |                 |
|              |      | Loss-of-Coolant Accident   |                 |
| 1.84         | 1133 | Design and Fabrication and Materials Code Case Acceptability,  | Comment Period  |
|              |      | ASME Section III   | Closed Jan 07   |
| 1.89         |      | Environmental Qualification of Certain Electric Equipment Important  |                 |
| 4.00         |      | to Safety for Nuclear Power Plants   |                 |
| 1.90         |      | Inservice Inspection of Prestressed Concrete Containment<br>Structures with Grouted Tendons                  |                 |
| 1.93         |      | Availability of Electric Power Sources   |                 |
| 1.100        |      | Seismic Qualification of Electric and Mechanical Equipment for   |                 |
|              |      | Nuclear Power Plants   |                 |
| 1.102        |      | Flood Protection for Nuclear Power Plants  |                 |
| 1.105        | 1141 | Setpoints for Safety-Related Instrumentation   |                 |
| 1.107        |      | Qualifications for Cement Grouting for Prestressing Tendons in   |                 |
| <del>-</del> |      | Containment Structures   |                 |
| 1.113        |      | Estimating Aquatic Dispersion of Effluents from Accidental and   |                 |
|              |      | Routine Reactor Releases for the Purpose of Implementing   |                 |
|              |      | Appendix I   |                 |
| 1.114        |      | Guidance to Operators at the Controls and to Senior Operators in the   |                 |
|              |      | Control Room of a Nuclear Power Unit   |                 |

| RG    | DG   | Title  | Status          |
|-------|------|--|-----------------|
| 1.121 |      | Bases for Plugging Degraded PWR Steam Generator Tubes                  |                 |
| 1.122 |      | Development of Floor Design Response Spectra for Seismic Design        |                 |
|       |      | of Floor-Supported Equipment or Components                             |                 |
| 1.125 |      | Physical Models for Design and Operation of Hydraulic Structures       |                 |
|       |      | and Systems for Nuclear Power Plants                                   |                 |
| 1.127 |      | Inspection of Water-Control Structures Associated with Nuclear         |                 |
|       |      | Power Plants   |                 |
| 1.131 | 1132 | Qualification Tests of Electric Cables, Field Splices, and Connections | Publish DG for  |
|       |      | for Light-Water-Cooled Nuclear Power Plants                            | Comments Jun 07 |
| 1.135 |      | Normal Water Level and Discharge at Nuclear Power Plants               |                 |
| 1.137 |      | Fuel-Oil Systems for Standby Diesel Generators                         |                 |
| 1.147 | 1134 | Inservice Inspection Code Case Acceptability, ASME Section XI,         | Comment Period  |
|       |      | Division 1   | Closed Jan 07   |
| 1.149 |      | Nuclear Power Plant Simulation Facilities for Use in Operator          |                 |
|       |      | Training and License Examinations                                      |                 |
| 1.151 |      | Instrument Sensing Lines   |                 |
| 1.153 |      | Criteria for Safety Systems  |                 |
| 1.155 |      | Station Blackout   |                 |
| 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   |                 |
| 1.163 |      | 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 |      | Configuration Management Plans for Digital Computer Software           |                 |
|       |      | Used in Safety Systems of Nuclear Power Plants                         |                 |
| 1.170 |      | Software Test Documentation for Digital Computer Software Used in      |                 |
|       |      | Safety Systems of Nuclear Power Plants                                 |                 |
| 1.171 |      | Software Unit Testing for Digital Computer Software Used in Safety     |                 |
|       |      | Systems of Nuclear Power Plants  |                 |
| 1.172 |      | Software Requirements Specifications for Digital Computer Software     |                 |
|       |      | Used in Safety Systems of Nuclear Power Plants                         |                 |
| 1.173 |      | Developing Software Life Cycle Processes for Digital Computer          |                 |
|       |      | Software Used in Safety Systems of Nuclear Power Plants                |                 |
| 1.174 |      | 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 |      | 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   |                 |
| 1.183 |      | Alternative Radiological Source Terms for Evaluating Design Basis      |                 |
|       |      | Accidents at Nuclear Power Reactors                                    |                 |
| 1.192 |      | Operation and Maintenance Code Case Acceptability, ASME OM             |                 |
|       |      | Code   | 0               |
| 1.193 | 1135 | ASME Code Cases Not Approved for Use                                   | Comment Period  |
|       |      |  | Closed Jul 06   |

| RG    | DG   | Title  | Status                            |
|-------|------|--|-----------------------------------|
| 1.200 |      | An Approach for Determining the Technical Adequacy of  |                                   |
|       |      | Probabilistic Risk Assessment Results for Risk-Informed Activities   |                                   |
|       | 1136 | Demonstrating the Feasibility and Reliability of Operator Manual   |                                   |
|       |      | Actions in Response to Fire  |                                   |
|       | 1138 | (Proposed Appendix C to Regulatory Guide 1.200) NRC Staff  | Comment Period                    |
|       |      | Regulatory Position on ANS External Hazards PRA Standard   | Closed                            |
|       | 1148 | Qualification of Safety-Related Battery Chargers and Inverters   | Publish DG for<br>Comments Aug 07 |
|       | 1149 | Qualification of Safety-Related Motor Control Centers  |                                   |
|       | 1150 | Qualification of Safety-Related Motors for Nuclear Power Plants  |                                   |
|       | 1151 | An Approach for Plant-Specific, Risk-Informed Decisionmaking for Digital Systems   |                                   |
| New   |      | Response-Time Testing of Protection System Instrument Channels (IC 121-5)  |                                   |
| New   |      | Guidance on Performing Seismic Margin Analysis for Advanced  |                                   |
| Messe |      | Reactors in the Context of SECY-93-087   |                                   |
| New   |      | Guidance on Containment Performance and Containment Fragility Assessment for Advanced Reactors in the Context of SECY-93-087 |                                   |
|       |      | and Input for PRA Review   |                                   |
| New   |      | Proposed RG on performance of non-Appendix VIII UT examination"  |                                   |
| New   |      | Proposed RG on inservice testing of pumps and valves for U.S. light-water reactors   |                                   |
| New   |      | Preferred Power Supply   |                                   |
| New   |      | Sizing Large Lead Storage Batteries  |                                   |
| New   |      | Installation of Valve Regulated Batteries  |                                   |
| New   |      | Maintenance and Testing of Valve Regulated Batteries   |                                   |
| New   |      | Fatigue Management at Nuclear power Plants   |                                   |
| 3.3   |      | Quality Assurance Program Requirements for Fuel Reprocessing Plants and for Plutonium Processing and Fuel Fabrication Plants |                                   |
| 3.5   | 3024 | Standard Format and Content of License Applications for Uranium Mills  |                                   |
| 3.6   |      | Content of Technical Specifications for Fuel Reprocessing Plants   |                                   |
| 3.7   |      | Monitoring of Combustible Gases and Vapors in Plutonium Processing and Fuel Fabrication Plants                               |                                   |
| 3.8   | 3025 | Preparation of Environmental Reports for Uranium Mills   |                                   |
| 3.10  | 3023 | Liquid Waste Treatment System Design Guide for Plutonium Processing and Fuel Fabrication Plants                              |                                   |
| 3.12  |      | General Design Guide for Ventilation Systems of Plutonium Processing and Fuel Fabrication Plants                             |                                   |
| 3.13  |      | Guide for Acceptable Waste Storage Methods at UF6 Production   |                                   |
| 3.14  |      | Plants Seismic Design Classification for Plutonium Processing and Fuel   |                                   |
| 0.40  |      | Fabrication Plants   |                                   |
| 3.16  |      | General Fire Protection Guide for Plutonium Processing and Fuel Fabrication Plants   |                                   |
| 3.17  |      | Earthquake Instrumentation for Fuel Reprocessing Plants  |                                   |
| 3.18  |      | Confinement Barriers and Systems for Fuel Reprocessing Plants  |                                   |

| RG   | DG   | Title   | Status         |
|------|------|---|----------------|
| 3.25 |      | Standard Format and Content of Safety Analysis Reports for  |                |
|      |      | Uranium Enrichment Facilities   |                |
| 3.26 |      | Standard Format and Content of Safety Analysis Reports for Fuel   |                |
| 3.31 |      | Reprocessing Plants Emergency Water Supply Systems for Fuel Reprocessing Plants                           |                |
|      |      |   |                |
| 3.32 |      | General Design Guide for Ventilation Systems for Fuel Reprocessing Plants                                 |                |
| 3.38 |      | General Fire Protection Guide for Fuel Reprocessing Plants  |                |
| 3.39 |      | Standard Format and Content of License Applications for Plutonium   |                |
|      |      | Processing and Fuel Fabrication Plants  |                |
| 3.40 |      | Design Basis Floods for Fuel Reprocessing Plants and for Plutonium Processing and Fuel Fabrication Plants |                |
| 3.42 |      | Emergency Planning for Fuel Cycle Facilities and Plants Licensed  |                |
| 3.42 |      | Under 10 CFR Parts 50 and 70  |                |
| 3.46 | 3026 | Standard Format and Content of License Applications, Including  |                |
|      |      | Environmental Reports, for In Situ Uranium Solution Mining  |                |
| 3.52 |      | Standard Format and Content for the Health and Safety Sections of   |                |
|      |      | License Renewal Applications for Uranium Processing and Fuel  |                |
| 2 52 |      | Fabrication Applicability of Existing Regulatory Guides to the Design and                                 |                |
| 3.53 |      | Operation of an Independent Spent Fuel Storage Installation   |                |
| 3.55 |      | Standard Format and Content for the Health and Safety Sections of   |                |
| 0.00 |      | License Renewal Applications for Uranium Hexafluoride Production  |                |
|      |      | · ·   |                |
| 3.67 |      | Standard Format and Content for Emergency Plans for Fuel  |                |
| 3.71 |      | Cycle and Materials Facilities  Nuclear Criticality Safety Standards for Fuels and Material Facilities    |                |
| 3.71 |      | Nuclear Children Salety Standards for Fuels and Material Facilities                                       |                |
| 4.1  |      | Programs for Monitoring Radioactivity in the Environs of Nuclear  |                |
|      |      | Power Plants  |                |
| 4.2  |      | Preparation of Environmental Reports for Nuclear Power Stations   |                |
| 4.4  |      | Reporting Procedure for Mathematical Models Selected To Predict   |                |
|      |      | Heated Effluent Dispersion in Natural Water Bodies  |                |
| 4.7  |      | General Site Suitability Criteria for Nuclear Power Stations  |                |
| 4.9  |      | Preparation of Environmental Reports for Commercial Uranium<br>Enrichment Facilities                      |                |
| 4.11 |      | Terrestrial Environmental Studies for Nuclear Power Stations  |                |
| 4.14 | 4011 | Radiological Effluent and Environmental Monitoring at Uranium Mills                                       |                |
|      |      |   |                |
| 4.15 |      | Quality Assurance for Radiological Monitoring Programs (Normal  | Comment Period |
|      |      | Operations) Effluent Streams and the Environment  | Closed May 07  |
| 4.16 |      | Monitoring and Reporting Radioactivity in Releases of Radioactive   |                |
|      |      | Materials in Liquid and Gaseous Effluents from Nuclear Fuel   |                |
|      |      | Processing and Fabrication Plants and Uranium Hexafluoride Production Plants                              |                |
| 4.17 |      | Standard Format and Content of Site Characterization Plans for High-                                      |                |
|      |      | Level-Waste Geologic Repositories   |                |
| 4.20 |      | Constraint on Releases of Airborne Radioactive Materials to the   |                |
|      |      | Environment for Licensees other than Power Reactors   |                |

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|------|------|---|-----------------|
|      | 4012 | Minimization of Contamination and Radioactive Waste Generation in   | Publish DG for  |
|      |      | Support of Decommissioning  | Comments Aug 07 |
| 5.3  |      | Statistical Terminology and Notation for Special Nuclear Materials  |                 |
|      |      | Control and Accountability  |                 |
| 5.4  |      | Standard Analytical Methods for the Measurement of Uranium  |                 |
|      |      | Tetraflouride (UF4) and Uranium Hexaflouride (UF6)  |                 |
| 5.5  |      | Standard Methods for Chemical, Mass Spectrometric, and  |                 |
|      |      | Spectrochemical Analysis of Nuclear-Grade Uranium Dioxide   |                 |
|      |      | Powders and Pellets   |                 |
| 5.8  |      | Design Considerations for Minimizing Residual Holdup of Special   |                 |
|      |      | Nuclear Material in Drying and Fluidized Bed Operations   |                 |
| 5.11 |      | Nondestructive Assay of Special Nuclear Material Contained in   |                 |
|      |      | Scrap and Waste   |                 |
| 5.13 |      | Conduct of Nuclear Material Physical Inventories  |                 |
| 5.15 |      | Tamper-Indicating Seals for the Protection and Control of Special   |                 |
|      |      | Nuclear Material  |                 |
| 5.17 |      | Truck Identification Markings   |                 |
| 5.18 |      | Limit of Error Concepts and Principles of Calculation in Nuclear  |                 |
|      |      | Materials Control   |                 |
| 5.23 |      | In Situ Assay of Plutonium Residual Holdup  |                 |
| 5.25 |      | Design Considerations for Minimizing Residual Holdup of Special   |                 |
| F 00 |      | Nuclear Material in Equipment for Wet Process Operations  |                 |
| 5.26 |      | Selection of Material Balance Areas and Item Control Areas  |                 |
| 5.27 |      | Special Nuclear Material Doorway Monitors   |                 |
| 5.28 |      | Evaluation of Shipper-Receiver Differences in the Transfer of Special   |                 |
| F 22 |      | Nuclear Materials   |                 |
| 5.32 |      | Communication with Transport Vehicles   |                 |
| 5.34 |      | Nondestructive Assay for Plutonium in Scrap Material by   |                 |
| 5.36 |      | Spontaneous Fission Detection  Recommended Practice for Dealing With Outlying Observations                                |                 |
|      |      | , ,   |                 |
| 5.37 |      | In Situ Assay of Enriched Uranium Residual Holdup   |                 |
| 5.39 |      | General Methods for the Analysis of Uranyl Nitrate Solutions for  |                 |
| E 40 |      | Assay, Isotopic Distribution, and Impurity Determinations   |                 |
| 5.42 |      | Design Considerations for Minimizing Residual Holdup of Special   |                 |
| E 40 |      | Nuclear Material in Equipment for Dry Process Operations  Design Considerations Systems for Massuring the Mass of Liquids |                 |
| 5.48 |      | Design Considerations - Systems for Measuring the Mass of Liquids   |                 |
| 5.49 |      | Internal Transfer of Special Nuclear Material   | _               |
| 5.51 |      | Management Review of Nuclear Material Control and Accounting  |                 |
|      |      | Systems   |                 |
| 5.52 |      | Standard Format and Content of a Licensee Physical Protection Plan  |                 |
|      |      | for Strategic Special Nuclear Material at Fixed Sites (Other than   |                 |
|      |      | Nuclear Power Plants)   |                 |
| 5.53 |      | Qualification, Calibration, and Error Estimation Methods for  |                 |
|      |      | Nondestructive Assay  |                 |
| 5.57 |      | Shipping and Receiving Control of Strategic Special Nuclear Material  |                 |
| 5.58 |      | Considerations for Establishing Traceability of Special Nuclear   |                 |
| -    |      | Material Accounting Measurements  |                 |

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| 5.67 |      | Material Control and Accounting for Uranium Enrichment Facilities      |        |
|      |      | Authorized To Produce Special Nuclear Material of Low Strategic        |        |
|      |      | Significance   |        |
|      | 5021 | Managing Safety / Security Interface                                   |        |
| 8.2  |      | Guide for Administrative Practices in Radiation Monitoring             |        |
| 8.4  |      | Direct-Reading and Indirect-Reading Pocket Dosimeters                  |        |
| 8.6  |      | Standard Test Procedure for Geiger-Mueller Counters                    |        |
| 8.7  |      | 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  |        |
| 8.10 |      | Operating Philosophy for Maintaining Occupational Radiation            |        |
|      |      | Exposures as Low as Is Reasonably Achievable                           |        |
| 8.11 |      | Applications of Bioassay for Uranium                                   |        |
| 8.19 |      | Occupational Radiation Dose Assessment in Light-Water Reactor          |        |
|      |      | Power Plants - Design Stage Man-Rem Estimates                          |        |
| 8.22 |      | Bioassay at Uranium Mills  |        |
| 8.24 |      | Health Physics Surveys During Enriched Uranium-235 Processing          |        |
|      |      | and Fuel Fabrication   |        |
| 8.26 |      | Applications of Bioassay for Fission and Activation Products           |        |
| 8.27 |      | Radiation Protection Training for Personnel at Light-Water-Cooled      |        |
|      |      | Nuclear Power Plants   |        |
| 8.28 |      | Audible-Alarm Dosimeters   |        |
| 10.3 |      | Guide for the Preparation of Applications for Special Nuclear Material |        |
|      |      | Licenses of Less than Critical Mass Quantities                         |        |