Appendix B
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Branch	SER	Title
AADB	**2.1.1**	**Site Location and Description**
AADB	**2.1.2**	**Exclusion Area Authority and Control**
AADB	**2.1.3**	**Population Distribution**
AADB	**2.2.1**	**Transportation Routes**
AADB	**2.2.2**	**Nearby Facilities**
AADB	**2.2.3**	**Conclusions**
AADB	**2.3.1**	**Regional Climatology**
AADB	**2.3.2**	**Local Meteorology**
AADB	**2.3.3**	**Onsite Meteorological Measurements Program**
AADB	**2.3.4**	**Short-Term (Accident) Atmospheric Diffusion Estimates**
AADB	**2.3.5**	**Long-Term (Routine) Diffusion Estimates**
AADB	**6.4.0**	**Control Room Habitability**
AADB	6.5.1	ESF Atmosphere Cleanup Systems
AADB	11.1.0	Summary Description
AADB	**11.7.1**	**Wide Range Noble Gas, Iodine, and Particulate Effluent Monitors (II.F.1(1) and II.F.1(2))**
AADB	**11.7.2**	**Primary Coolant Outside Containment (III.D.1.1)**
AADB	15.4.0	Radiological Consequences of Accidents
AADB	15.4.1	Loss-of-Coolant Accident
AADB	15.4.2	Main Steamline Break Outside of Containment
AADB	15.4.3	Steam Generator Tube Rupture
AADB	15.4.4	Control Rod Ejection Accident
AADB	15.4.5	Fuel-Handling Accident
AADB	15.4.6	Failure of Small Line Carrying Coolant Outside Containment
AFPB	**9.5.1**	**Fire Protection**
AFPB	**23.2.7**	**Fire Protection**
APOB	**17.6.0**	**Maintenance Rule**
CPNB	**3.6.3**	**Leak-Before-Break Evaluation Procedures**
CPNB	**4.5.1**	**Control Rod Drive Structural Materials**
CPNB	5.2.3	Reactor Coolant Pressure Boundary Materials

Branch has lead responsibility for Items in bold.

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Branch	SER	Title
CPNB	**5.2.4**	**RCS Pressure Boundary Inservice Inspection and Testing**
CPNB	**6.6.0**	**Inservice Inspection of Class 2 and 3 Components**
CPNB	**10.3.3**	**Steam and Feedwater System Materials**
CPNB	**23.2.9**	**Heat Code Traceability**
CPNB	**23.2.18**	**Welding**
CPTB	**3.9.6**	**Inservice Testing of Pumps and Valves**
CSGB	**3.13.0**	**Threaded Fasteners - ASME Code Class 1, 2, and 3 [SRP TOC]**
CSGB	**5.4.2**	**Steam Generators**
CSGB	**6.1.3**	**Postaccident Emergency Cooling Water Chemistry**
CSGB	**6.4.0**	**Control Room Habitability**
CSGB	6.5.2	Fission Product Cleanup System
CSGB	9.1.1	New Fuel Storage
CSGB	9.1.2	Spent Fuel Storage
CSGB	9.1.3	Spent Fuel Pool Cooling and Cleanup System
CSGB	9.2.3	Demineralized Water Makeup System
CSGB	9.3.2	Process Sampling System
CSGB	9.3.4	Chemical and Volume Control System
CSGB	9.5.4	Emergency Diesel Engine Fuel Oil Storage and Transfer System
CSGB	**10.3.4**	**Secondary Water Chemistry**
CSGB	**10.4.6**	**Condensate Cleanup System**
CSGB	**10.4.8**	**Steam Generator Blowdown System**
CSGB	**23.3.7**	**Microbiologically Induced Corrosion (MIC)**
CVIB	**4.5.2**	**Reactor Internals and Core Support Materials**
CVIB	**5.2.3**	**Reactor Coolant Pressure Boundary Materials**
CVIB	5.2.4	RCS Pressure Boundary Inservice Inspection and Testing
CVIB	**5.3.1**	**Reactor Vessel Materials**
CVIB	**5.3.2**	**Pressure-Temperature Limits**
CVIB	**5.3.3**	**Reactor Vessel Integrity**
CVIB	**5.4.1**	**Reactor Coolant Pumps**

Branch has lead responsibility for Items in bold.

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Branch	SER	Title
CVIB	**6.1.1**	**Metallic Materials**
CVIB	**6.1.2**	**Organic Materials**
CVIB	**6.2.7**	**Fracture Prevention of Containment Pressure Boundary**
CVIB	10.2.2	Turbine Disc Integrity
DE-AT	**23.7.0**	**Employee Concerns**
DE-AT	**23.8.0**	**Allegations**
DORL	**1.0.0**	**Introduction and General Discussion**
DORL	**1.1.0**	**Introduction**
DORL	**1.1.1**	**Metrication**
DORL	**1.1.2**	**Proprietary Information**
DORL	**1.1.4**	**Additional Information**
DORL	**1.2.0**	**General Design Description**
DORL	**1.3.0**	**Comparison With Similar Facility Designs**
DORL	**1.3.1**	**Comparison With the Sequoyah Nuclear Plant**
DORL	**1.3.2**	**Comparison With Other Facilities**
DORL	**1.4.0**	**Identification of Agents and Contractors**
DORL	**1.5.0**	**Summary of Principal Review Matters**
DORL	**1.6.0**	**Modifications to the Watts Bar Facility During the Course of NRC Review**
DORL	**1.7.0**	**Summary of Outstanding Issues**
DORL	**1.8.0**	**Confirmatory Issues**
DORL	**1.9.0**	**License Conditions**
DORL	**1.10.0**	**Unresolved Safety Issues**
DORL	**2.0.0**	**Site Envelope**
DORL	**2.1.0**	**Geography and Demography**
DORL	**19.0.0**	**Report of the Advisory Committee on Reactor Safeguards**
DORL	**23.0.0**	**Nuclear Performance Plan**
DORL	**23.4.1**	**Corrective Action Program Plans and Special Programs**
EEEB	2.5.6	Embankments and Dams
EEEB	3.1.1	Conformance With General Design Criteria

Branch has lead responsibility for Items in bold.

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Branch	SER	Title
EEEB	3.1.2	Conformance With Industry Codes and Standards
EEEB	3.10.0	Seismic and Dynamic Qualification of Seismic Category I Mechanical and Electrical Equipment
EEEB	**3.11.0**	**Environmental Qualification of Mechanical and Electrical Equipment**
EEEB	**8.1.0**	**General**
EEEB	**8.2.1**	**Compliance With GDC 5**
EEEB	**8.2.2**	**Compliance With GDC 17**
EEEB	**8.2.3**	**Compliance With GDC 18**
EEEB	**8.2.4**	**Evaluation Findings**
EEEB	**8.3.1**	**Onsite AC Power System Compliance With GDC 17**
EEEB	**8.3.2**	**Onsite DC System Compliance With GDC 17**
EEEB	**8.3.3**	**Evaluation Findings**
EEEB	**8.4.0**	**Station Blackout**
EEEB	9.5.3	Lighting System
EEEB	9.5.4	Emergency Diesel Engine Fuel Oil Storage and Transfer System
EEEB	9.5.5	Emergency Diesel Engine Cooling Water System
EEEB	9.5.6	Emergency Diesel Engine Starting Systems
EEEB	9.5.7	Emergency Diesel Engine Lubricating Oil System
EEEB	9.5.8	Emergency Diesel Engine Combustion Air Intake and Exhaust System
EEEB	**23.2.1**	**Cable Issues**
EEEB	**23.2.5**	**Electrical Issues**
EEEB	23.2.6	Equipment Seismic Qualification
EEEB	**23.3.4**	**Environmental Qualification Program**
EEEB	**23.3.5**	**Master Fuse List**
EICB	3.1.1	Conformance With General Design Criteria
EICB	3.1.2	Conformance With Industry Codes and Standards
EICB	3.11.0	Environmental Qualification of Mechanical and Electrical Equipment
EICB	5.2.5	Reactor Coolant Pressure Boundary Leakage Detection
EICB	**7.1.1**	**General**
EICB	**7.1.2**	**Comparison with Other Plants**

Branch has lead responsibility for Items in bold.

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Branch	SER	Title
EICB	**7.1.3**	**Design Criteria**
EICB	**7.2.1**	**System Description**
EICB	**7.2.2**	**Manual Trip Switches**
EICB	**7.2.3**	**Testing of Reactor Trip Breaker Shunt Coils**
EICB	**7.2.4**	**Anticipatory Trips**
EICB	**7.2.5**	**Steam Generator Water Level Trip**
EICB	**7.2.6**	**Conclusions**
EICB	**7.3.1**	**System Description**
EICB	**7.3.2**	**Containment Sump Level Measurement**
EICB	**7.3.3**	**Auxiliary Feedwater Initiation and Control**
EICB	**7.3.4**	**Failure Modes and Effects Analysis**
EICB	**7.3.5**	**IE Bulletin 80-06**
EICB	**7.3.6**	**Conclusions**
EICB	**7.4.1**	**System Description**
EICB	**7.4.2**	**Safe Shutdown from Auxiliary Control Room**
EICB	**7.4.3**	**Conclusions**
EICB	**7.5.1**	**System Description**
EICB	**7.5.2**	**Post-Accident Monitoring System**
EICB	**7.5.3**	**IE Bulletin 79-27**
EICB	**7.5.4**	**Conclusions**
EICB	**7.6.1**	**System Description**
EICB	**7.6.2**	**Residual Heat Removal System Bypass Valves**
EICB	**7.6.3**	**Upper Head Injection Manual Control**
EICB	**7.6.4**	**Protection Against Spurious Actuation of Motor-Operated Valves**
EICB	**7.6.5**	**Overpressure Protection During Low Temperature Operation**
EICB	**7.6.6**	**Valve Power Lockout**
EICB	**7.6.7**	**Cold Leg Accumulator Valve Interlocks and Position Indication**
EICB	**7.6.8**	**Automatic Switchover From Injection to Recirculation Mode**
EICB	**7.6.9**	**Conclusions**

Branch has lead responsibility for Items in bold.

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Branch	SER	Title
EICB	**7.7.1**	**System Description**
EICB	**7.7.2**	**Safety System Status Monitoring System**
EICB	**7.7.3**	**Volume Control Tank Level Control System**
EICB	**7.7.4**	**Pressurizer and Steam Generator Overfill**
EICB	**7.7.5**	**IE Information Notice 79-22**
EICB	**7.7.6**	**Multiple Control System Failures**
EICB	**7.7.7**	**Conclusions**
EICB	**7.8.1**	**Relief and Safety Valve Position Indication (II.D.3)**
EICB	**7.8.2**	**Auxiliary Feedwater System Initiation and Flow Indication (II.E.1.2)**
EICB	**7.8.3**	**Proportional Integral Derivative Control Modification (II.K.3.9)**
EICB	**7.8.4**	**Proposed Anticipatory Trip Modification (II.K.3.10)**
EICB	**7.8.5**	**Confirm Existence of Anticipatory Reactor Trip Upon Turbine Trip (II.K.3.12)**
EICB	**7.9.0**	**Data Communication Systems [SRP TOC]**
EICB	9.2.1	Essential Raw Cooling Water and Raw Cooling Water Systems
EICB	9.2.2	Component Cooling System (Reactor Auxiliaries Cooling Water System)
EICB	9.2.5	Ultimate Heat Sink
EICB	9.3.1	Compressed Air System
EICB	9.3.2	Process Sampling System
EICB	9.3.4	Chemical and Volume Control System
EICB	9.4.1	Control Room Area Ventilation System
EICB	9.4.5	Engineered Safety Features Ventilation System
EICB	9.5.2	Communication Systems
EICB	10.3.0	Main Steam Supply System
EICB	10.4.2	Main Condenser Evacuation System
EICB	10.4.4	Turbine Bypass System
EICB	10.4.5	Condenser Circulating Water System
EICB	10.4.7	Condensate and Feedwater Systems
EICB	10.4.8	Steam Generator Blowdown System
EICB	10.4.9	Auxiliary Feedwater System

Branch has lead responsibility for Items in bold.

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Branch	SER	Title
EICB	11.5.0	Process and Effluent Radiological Monitoring and Sampling Systems
EICB	23.2.11	Instrument Lines
EMCB	**2.4.1**	**Introduction**
EMCB	**2.4.2**	**Hydrologic Description**
EMCB	**2.4.3**	**Flood Potential**
EMCB	**2.4.4**	**Local Intense Precipitation in Plant Area**
EMCB	**2.4.5**	**Roof Drainage**
EMCB	**2.4.6**	**Ultimate Heat Sink**
EMCB	**2.4.7**	**Groundwater**
EMCB	**2.4.8**	**Design Basis for Subsurface Hydrostatic Loading**
EMCB	**2.4.9**	**Transport of Liquid Releases**
EMCB	**2.4.10**	**Flooding Protection Requirements and Technical Specifications**
EMCB	**2.5.1**	**Geology**
EMCB	**2.5.2**	**Seismology**
EMCB	**2.5.3**	**Surface Faulting**
EMCB	**2.5.4**	**Stability of Subsurface Materials and Foundations**
EMCB	**2.5.5**	**Stability of Slopes**
EMCB	**2.5.6**	**Embankments and Dams**
EMCB	**3.0.0**	**Design of Structures, Components, Equipment, and Systems**
EMCB	**3.1.1**	**Conformance With General Design Criteria**
EMCB	**3.1.2**	**Conformance With Industry Codes and Standards**
EMCB	**3.2.1**	**Seismic Qualification**
EMCB	**3.2.2**	**System Quality Group Classification**
EMCB	**3.3.1**	**Wind Loading**
EMCB	**3.3.2**	**Tornado Loading**
EMCB	**3.4.1**	**Flood Protection**
EMCB	**3.5.1**	**Missile Selection and Description**
EMCB	**3.5.3**	**Barrier Design Procedures**
EMCB	**3.6.2**	**Determination of Break Locations and Dynamic Effects Associated with the Postulated Rupture of**

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Branch	SER	Title
EMCB	**3.7.1**	**Seismic Input**
EMCB	**3.7.2**	**Seismic Analysis**
EMCB	**3.7.3**	**Seismic Subsystem Analysis**
EMCB	**3.7.4**	**Seismic Instrumentation**
EMCB	**3.8.1**	**Steel Containment**
EMCB	**3.8.2**	**Concrete and Structural Steel Internal Structures**
EMCB	**3.8.3**	**Other Seismic Category I Structures**
EMCB	**3.8.4**	**Foundations**
EMCB	**3.9.1**	**Special Topics for Mechanical Components**
EMCB	**3.9.2**	**Dynamic Testing and Analysis of Systems, Components, and Equipment**
EMCB	**3.9.3**	**ASME Code Class 1, 2, and 3 Components, Component Structures, and Core Support Structures**
EMCB	**3.9.4**	**Control Rod Drive Systems**
EMCB	**3.9.5**	**Reactor Pressure Vessel Internals**
EMCB	**3.10.0**	**Seismic and Dynamic Qualification of Seismic Category I Mechanical and Electrical Equipment**
EMCB	3.11.0	Environmental Qualification of Mechanical and Electrical Equipment
EMCB	**5.2.1**	**Compliance With Codes and Code Cases**
EMCB	11.3.0	Gaseous Waste Management
EMCB	**23.2.2**	**Cable Tray and Tray Supports**
EMCB	**23.2.4**	**Electrical Conduit and Conduit Support**
EMCB	**23.2.6**	**Equipment Seismic Qualification**
EMCB	**23.2.8**	**Hanger and Analysis Update Program**
EMCB	23.2.9	Heat Code Traceability
EMCB	**23.2.10**	**Heating, Ventilation, and Air-Conditioning Duct and Duct Supports**
EMCB	**23.2.11**	**Instrument Lines**
EMCB	**23.2.16**	**Seismic Analysis**
EMCB	**23.3.1**	**Concrete Quality Program**
EMCB	**23.3.6**	**Mechanical Equipment Qualification**
EMCB	**23.3.10**	**Soil Liquefaction**
EQVB	3.1.1	Conformance With General Design Criteria

Branch has lead responsibility for Items in bold.

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Branch	SER	Title
EQVB	3.1.2	Conformance With Industry Codes and Standards
EQVB	**13.4.0**	**Review and Audit**
EQVB	**14.0.0**	**Initial Test Program**
EQVB	**17.1.0**	**General**
EQVB	**17.2.0**	**Organization**
EQVB	**17.3.0**	**Quality Assurance Program**
EQVB	**17.4.0**	**Conclusions**
EQVB	**23.2.3**	**Design Baseline and Verification Program**
EQVB	**23.2.13**	**QA Records**
EQVB	**23.2.14**	**Q-List**
EQVB	**23.2.15**	**Replacement Items Program (Piece Parts)**
EQVB	**23.2.17**	**Vendor Information Program**
EQVB	**23.3.11**	**Use-as-is CAQs**
EQVB	**23.4.2**	**Quality Verification Process**
IOLB	9.5.1	Fire Protection
IOLB	**13.1.1**	**Management and Technical Organization**
IOLB	**13.1.2**	**Corporate Organization and Technical Support**
IOLB	**13.1.3**	**Plant Staff Organization**
IOLB	**13.2.1**	**Licensed Operator Training Program**
IOLB	**13.2.2**	**Training for Nonlicensed Personnel**
IOLB	**13.5.1**	**Administrative Procedures**
IOLB	**13.5.2**	**Operating and Maintenance Procedures**
IOLB	13.5.3	NUREG-0737 Items
IOLB	14.0.0	Initial Test Program
IOLB	**18.0.0**	**Control Room Design Review**
IOLB	**18.1.0**	**General**
IOLB	**18.2.0**	**Conclusions**
IOLB	**23.2.12**	**Prestart Test Program**
IOLB	**23.3.3**	**Detailed Control Room Design Review**

Branch has lead responsibility for Items in bold.

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Branch	SER	Title
IOLB	**23.5.1**	**Introduction**
IOLB	**23.5.2**	**Organizational and Management Improvements**
IOLB	**23.5.3**	**Conclusions**
IOLB	**23.6.0**	**Operational Readiness**
IRIB	6.5.3	Fission Product Control System
IRIB	9.3.2	Process Sampling System
IRIB	11.1.0	Summary Description
IRIB	11.2.0	Liquid Waste Management
IRIB	11.3.0	Gaseous Waste Management
IRIB	11.4.0	Solid Waste Management System
IRIB	11.5.0	Process and Effluent Radiological Monitoring and Sampling Systems
IRIB	**12.1.0**	**General**
IRIB	**12.2.0**	**Ensuring that Occupational Radiation Doses Are As Low As Reasonably Achievable**
IRIB	**12.3.0**	**Radiation Sources**
IRIB	**12.4.0**	**Radiation Protection Design Features**
IRIB	**12.5.0**	**Dose Assessment**
IRIB	**12.6.0**	**Health Physics Program**
IRIB	**12.7.1**	**Plant Shielding (II.B.2)**
IRIB	**12.7.2**	**High Range Incontainment Monitor (II.F.1(3))**
IRIB	**12.7.3**	**Inplant Radioiodine Monitor (III.D.3.3)**
IRIB	**23.3.9**	**Radiation Monitoring System**
ITSB	**16.0.0**	**Technical Specifications**
NSIR	**13.3.1**	**Introduction**
NSIR	**13.3.2**	**Evaluation of the Emergency Plan**
NSIR	**13.3.3**	**Conclusions**
NSIR	13.6.0	Physical Security Plan
NSIR	**20.0.0**	**Common Defense and Security**
PFPB	20.0.0	Common Defense and Security
PFPB	**21.0.0**	**Financial Qualifications**

Branch has lead responsibility for Items in bold.

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Branch	SER	Title
PFPB	**22.0.0**	**Financial Protection and Indemnity Requirements**
PFPB	**22.1.0**	**General**
PFPB	**22.2.0**	**Preoperational Storage of Nuclear Fuel**
PFPB	**22.3.0**	**Operating Licenses**
SBPB	3.4.1	Flood Protection
SBPB	3.5.1	Missile Selection and Description
SBPB	**3.5.2**	**Structures, Systems, and Components To Be Protected From Externally Generated Missiles**
SBPB	**3.6.1**	**Plant Design for Protection Against Postulated Piping Failures in Fluid Systems Outside Containment**
SBPB	**5.2.5**	**Reactor Coolant Pressure Boundary Leakage Detection**
SBPB	**9.1.1**	**New Fuel Storage**
SBPB	**9.1.2**	**Spent Fuel Storage**
SBPB	**9.1.3**	**Spent Fuel Pool Cooling and Cleanup System**
SBPB	**9.1.4**	**Fuel Handling System**
SBPB	**9.2.1**	**Essential Raw Cooling Water and Raw Cooling Water Systems**
SBPB	**9.2.2**	**Component Cooling System (Reactor Auxiliaries Cooling Water System)**
SBPB	**9.2.4**	**Potable and Sanitary Water Systems**
SBPB	**9.2.5**	**Ultimate Heat Sink**
SBPB	**9.2.6**	**Condensate Storage Facilities**
SBPB	**9.3.1**	**Compressed Air System**
SBPB	**9.3.2**	**Process Sampling System**
SBPB	**9.3.3**	**Equipment and Floor Drainage System**
SBPB	**9.3.4**	**Chemical and Volume Control System**
SBPB	**9.5.4**	**Emergency Diesel Engine Fuel Oil Storage and Transfer System**
SBPB	**9.5.5**	**Emergency Diesel Engine Cooling Water System**
SBPB	**9.5.6**	**Emergency Diesel Engine Starting Systems**
SBPB	**9.5.7**	**Emergency Diesel Engine Lubricating Oil System**
SBPB	**9.5.8**	**Emergency Diesel Engine Combustion Air Intake and Exhaust System**
SBPB	**10.1.0**	**Summary Description**
SBPB	**10.2.0**	**Turbine Generator**

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Branch	SER	Title
SBPB	**10.2.1**	**Turbine Generator Design**
SBPB	**10.2.2**	**Turbine Disc Integrity**
SBPB	**10.3.0**	**Main Steam Supply System**
SBPB	**10.3.1**	**Main Steam Supply System (up to and including the Main Steam Isolation Valves)**
SBPB	**10.3.2**	**Main Steam Supply System**
SBPB	**10.4.1**	**Main Condenser**
SBPB	**10.4.2**	**Main Condenser Evacuation System**
SBPB	**10.4.3**	**Turbine Gland Sealing System**
SBPB	**10.4.4**	**Turbine Bypass System**
SBPB	**10.4.5**	**Condenser Circulating Water System**
SBPB	**10.4.7**	**Condensate and Feedwater Systems**
SBPB	**10.4.9**	**Auxiliary Feedwater System**
SBPB	**11.2.0**	**Liquid Waste Management**
SBPB	**11.3.0**	**Gaseous Waste Management**
SBPB	**11.4.0**	**Solid Waste Management System**
SBPB	**11.5.0**	**Process and Effluent Radiological Monitoring and Sampling Systems**
SBPB	**23.3.8**	**Moderate Energy Line Break Flooding**
SCVB	**6.2.1**	**Containment Functional Design**
SCVB	**6.2.2**	**Containment Heat Removal Systems**
SCVB	**6.2.3**	**Secondary Containment Functional Design**
SCVB	**6.2.4**	**Containment Isolation System**
SCVB	**6.2.5**	**Combustible Gas Control Systems**
SCVB	**6.2.6**	**Containment Leakage Testing**
SCVB	**6.4.0**	**Control Room Habitability**
SCVB	**6.5.1**	**ESF Atmosphere Cleanup Systems**
SCVB	**6.5.2**	**Fission Product Cleanup System**
SCVB	**6.5.3**	**Fission Product Control System**
SCVB	**6.5.4**	**Ice Condenser as a Fission Product Control System**
SCVB	**9.4.1**	**Control Room Area Ventilation System**

Branch has lead responsibility for Items in bold.

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Branch	SER	Title
SCVB	**9.4.2**	**Fuel Handling Area Ventilation System**
SCVB	**9.4.3**	**Auxiliary and Radwates Area Ventilation System**
SCVB	**9.4.4**	**Turbine Building Area Ventilation System**
SCVB	**9.4.5**	**Engineered Safety Features Ventilation System**
SCVB	11.3.0	Gaseous Waste Management
SCVB	**23.3.2**	**Containment Cooling**
SNPB	**4.2.1**	**Description**
SNPB	**4.2.2**	**Thermal Performance**
SNPB	**4.2.3**	**Mechanical Performance**
SNPB	**4.2.4**	**Surveillance**
SNPB	**4.2.5**	**Fuel Design Conclusions**
SNPB	**4.3.1**	**Design Basis**
SNPB	**4.3.2**	**Design Description**
SNPB	**4.3.3**	**Analytical Methods**
SNPB	**4.3.4**	**Summary of Evaluation Findings**
SNPB	4.4.2	Design Bases
SNPB	**4.6.0**	**Functional Design of Reactivity Control Systems**
SNPB	5.2.1	Compliance With Codes and Code Cases
SNPB	**15.3.3**	**Feedwater System Pipe Break**
SNPB	**15.3.4**	**Reactor Coolant Pump Rotor Seizure**
SNPB	**15.3.5**	**Reactor Coolant Pump Shaft Break**
SNPB	15.4.0	Radiological Consequences of Accidents
SNPB	15.4.1	Loss-of-Coolant Accident
SNPB	**15.4.2**	**Main Steamline Break Outside of Containment**
SRXB	**3.0.0**	**Design of Structures, Components, Equipment, and Systems**
SRXB	3.1.1	Conformance With General Design Criteria
SRXB	3.1.2	Conformance With Industry Codes and Standards
SRXB	**4.4.1**	**Perfomance in Safety Criteria**
SRXB	**4.4.2**	**Design Bases**

Branch has lead responsibility for Items in bold.

Appendix B
Watts Bar Nuclear Plant Unit 2
Safety Evaluation Review Responsibilities

Branch	SER	Title
SRXB	**4.4.3**	**Thermal-Hydraulic Design Methodology**
SRXB	**4.4.4**	**Operating Abnormalities**
SRXB	**4.4.5**	**Loose Parts Monitoring System**
SRXB	**4.4.6**	**Thermal-Hydraulic Comparison**
SRXB	**4.4.7**	**N-1 Loop Operation**
SRXB	**4.4.8**	**Instrumentation for Inadequate Core Cooling Detection (II.F.2)**
SRXB	**4.4.9**	**Summary and Conclusion**
SRXB	**5.2.2**	**Overpressure Protection**
SRXB	5.2.4	RCS Pressure Boundary Inservice Inspection and Testing
SRXB	**5.4.3**	**Residual Heat Removal System**
SRXB	**5.4.4**	**Pressurizer Relief Tank**
SRXB	**5.4.5**	**Reactor Coolant System Vents (II.B.1)**
SRXB	**6.3.1**	**System Design**
SRXB	**6.3.2**	**Evaluation**
SRXB	**6.3.3**	**Testing**
SRXB	**6.3.4**	**Performance Evaluation**
SRXB	**6.3.5**	**Conclusions**
SRXB	9.3.2	Process Sampling System
SRXB	**15.1.0**	**General Discussion**
SRXB	**15.2.0**	**Normal Operation and Anticipated Transients**
SRXB	**15.2.1**	**Loss of Cooling Transients**
SRXB	**15.2.2**	**Increased Cooling Transients**
SRXB	**15.2.3**	**Change in Coolant Inventory Transients**
SRXB	**15.2.4**	**Reactivity and Power Distribution Anomalies**
SRXB	**15.2.5**	**Conclusions**
SRXB	**15.3.0**	**Limiting Accidents**
SRXB	**15.3.1**	**Loss-of-Coolant Accident**
SRXB	**15.3.2**	**Steamline Break**
SRXB	**15.3.6**	**Anticipated Transients Without Scram**

Branch has lead responsibility for Items in bold.

Appendix B
Watts Bar Nuclear Plant Unit 2
Safety Evaluation Review Responsibilities

Branch	SER	Title
SRXB	**15.3.7**	**Conclusions**
SRXB	**15.4.0**	**Radiological Consequences of Accidents**
SRXB	**15.4.1**	**Loss-of-Coolant Accident**
SRXB	**15.4.3**	**Steam Generator Tube Rupture**
SRXB	**15.4.4**	**Control Rod Ejection Accident**
SRXB	**15.4.5**	**Fuel-Handling Accident**
SRXB	**15.4.6**	**Failure of Small Line Carrying Coolant Outside Containment**
SRXB	**15.4.7**	**Postulated Radioactive Releases as a Result of Liquid Tank Failures**
SRXB	**15.5.1**	**Thermal Mechanical Report (II.K.2.13)**
SRXB	**15.5.2**	**Voiding in the Reactor Coolant System During Transients (II.K.2.17)**
SRXB	**15.5.3**	**Installation and Testing of Automatic Power-Operated Relief Valve Isolation System (II.K.3.1), Report on**
SRXB	**15.5.4**	**Automatic Trip of Reactor Coolant Pumps (II.K.3.5)**
SRXB	**15.5.5**	**Small-Break LOCA Methods (II.K.3.30) and Plant-Specific Calculations (II.K.3.31)**
SRXB	**15.6.0**	**Relative Risk of Low Power Operation**