

PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Tuesday, July 14, 2009 4:28 PM
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Cc: ComanchePeakCOL Resource
Subject: Comanche peak RCOL RAI Table
Attachments: Comanche Peak COLA RAI List.xls

thanks,

Stephen Monarque
U. S. Nuclear Regulatory Commission
NRO/DNRL/NMIP
301-415-1544

Hearing Identifier: ComanchePeak_COL_Public
Email Number: 371

Mail Envelope Properties (3DF2506A7257014AAC5857E5E852DEAC0758E5F69F)

Subject: Comanche peak RCOL RAI Table
Sent Date: 7/14/2009 4:27:49 PM
Received Date: 7/14/2009 4:27:51 PM
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Files	Size	Date & Time
MESSAGE	112	7/14/2009 4:27:51 PM
Comanche Peak COLA RAI List.xls		92666

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received:

SRP Chap.	SRP Section Title	SRP Section	Phase 1 Draft RAI Issued	Telecon Date	RAI #	Phase 1 RAI Subject	Phase 1 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter
Part 2 Chap 1	Introduction and Interfaces	1								
	Site Location and description	2.1.1	N/A	N/A	N/A	N/A	N/A	RSAC PSER and review complete	N/A	N/A
	Exclusion Area Authority and Control	2.1.2	N/A	N/A	N/A	N/A	N/A	RSAC PSER and review complete	N/A	N/A
	Population Distribution	2.1.3	N/A	N/A	N/A	N/A	N/A	RSAC PSER and review complete	N/A	N/A
	Identification of potential hazards in site vicinity	2.2.1 - 2.2.2						RSAC PSER and review complete		
	Evaluation of Potential Accidents	2.2.3						RSAC PSER and review complete		
	Regional Climatology	2.3.1								
	Local Meteorology	2.3.2								
	Onsite Meteorological Measurements Programs	2.3.3	N/A	4/29/2009	3 (2584)	request for data	04/24/2009 ML091270429	Response to RAI # 3 due May 29, 2009; RSAC reviewing	5/8/2009 ML091330346	N/A
	Short-term Dispersion Estimates for Accident Releases	2.3.4								
	Long-Term Atmospheric Dispersion Estimates for Routine Releases	2.3.5								
	Hydrology									
	Hydrologic Description	2.4.1								
	Floods	2.4.2								
	Probable Maximum Flood (PMF) on Streams and Rivers	2.4.3								

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Part 2 Chap 2	Potential Dam Failures	2.4.4								
	Probable Maximum Surge and Seiche Flooding	2.4.5								
	Probable Maximum Tsunami Hazards	2.4.6								
	Ice Effects	2.4.7								
	Cooling Water Canals and Reservoirs	2.4.8								
	Channel Diversions	2.4.9								
	Flooding Protection Requirements	2.4.10								
	Low Water Considerations	2.4.11								
	Groundwater	2.4.12								
	Accidental Releases of Radioactive Liquid Effluents in Ground and Surface Waters	2.4.13								
	Technical Specifications and Emergency Operation Requirements	2.4.14								
	Basic Geologic and Seismic Information	2.5.1	N/A			15 (3080) 14(3037)	seismic and geology	7/13/2009	RGS1 PSER and RAIs are complete. Both RAI responses are due 35 days after July 30, 2009	
	Vibratory Ground Motion	2.5.2	N/A			11(1889)	ground motion	7/1/2009	RGS1 PSER complete; response to RAI 11 due 35 days from July 30, 2009	
	Surface Faulting	2.5.3				18(3016)	surface faulting	7/14/2009	RGS1 PSER complete. RAI response due 35 days after July 30, 2009	

Date: 8/10/2009 Time: 10:15 AM
File Name: radDDEE3.xls

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	Stability of Subsurface Materials and Foundations	2.5.4						RGS1 PSER complete		
	Stability of Slopes	2.5.5			19(2930)	slope stability	7/14/2009	RGS1 PSER complete. RAI response due 35 days after July 30, 2009		
	Seismic Classification	3.2.1								
	System Quality Group Classification	3.2.2						EMB2 PSER completed		
	Wind Loadings	3.3.1								
	Tornado Loadings	3.3.2								
	Internal Flood Protection for Onsite Equipment Failures	3.4.1						SBPA PSER completed; RHEB secondary reviewer on Phase 2		
	Analysis Procedures	3.4.2								
	Internally Generated Missiles (Outside Containment)	3.5.1.1	N/A	N/A	N/A	N/A	N/A	SBPA PSER complete IBR, monitor DCD	N/A	N/A
	Internally-Generated Missiles (Inside Containment)	3.5.1.2	N/A	N/A	N/A	N/A	N/A	SBPA PSER complete IBR	N/A	N/A
	Turbine Missiles	3.5.1.3			12(2664)	TURBINE MISSILE GENERATION	7/12/2009	CIB PSER complete; RSAC secondary reviewer complete with PSER	RAI response due in 42 days, August 23, 2009	
	Missiles Generated by Tornadoes and Extreme Winds	3.5.1.4	N/A	N/A	N/A	N/A	N/A	SBPA PSER complete IBR	N/A	N/A
	Site Proximity Missiles (Except Aircraft)	3.5.1.5	N/A	N/A	N/A	N/A	N/A	RSAC PSER and review complete	N/A	N/A

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Part 2 Chap 3	Aircraft Hazards	3.5.1.6	N/A	N/A	N/A	N/A	N/A	RSAC PSER and review complete	N/A	N/A
	Structures, Systems, and Components to be Protected from Externally-Generated Missiles	3.5.2						SBPA PSER complete		
	Barrier Design Procedures	3.5.3								
	Plant Design for Protection Against Postulated Piping Failures in Fluid Systems Outside Containment	3.6.1	N/A	N/A	N/A	N/A	N/A	SBPA PSER and review are complete. No secondary reviewer.	N/A	N/A
	Determination of Rupture Locations and Dynamic Effects Associated with the Postulated Rupture of Piping	3.6.2						EMB2 Phase 1 PSER complete		
	Leak-Before-Break Evaluation Procedures	3.6.3	N/A	N/A	N/A	N/A	N/A	CIB PSER complete, IBR	N/A	N/A
	Seismic Design Parameters	3.7.1								
	Seismic System Analysis	3.7.2								
	Seismic Subsystem Analysis	3.7.3								
	Seismic Instrumentation	3.7.4						RGS1 PSER complete		
	Concrete Containment	3.8.1								

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	Concrete and Steel Internal Structures of Steel or Concrete Containments	3.8.3								
	Other Seismic Category I Structures	3.8.4								
	Foundations	3.8.5								
	Special Topics for Mechanical Components	3.9.1	N/A	N/A	N/A	N/A	N/A	EMB2 IBR PSER completed for Phase 1	N/A	N/A
	Dynamic Testing and Analysis of Systems, Structures, and Components	3.9.2						EMB1 PSER completed for Phase 1		
	ASME Code Class 1, 2, and 3 Components, and Component Supports, and Core Support Structures	3.9.3						EMB1 PSER completed for Phase 1		
	Control Rod Drive Systems	3.9.4	N/A	N/A	N/A	N/A	N/A	EMB2 IBR PSER completed for Phase 1	N/A	N/A
	Reactor Pressure Vessel Internals	3.9.5	N/A	N/A	N/A	N/A	N/A	EMB2 IBR PSER completed for Phase 1	N/A	N/A
	Functional Design, Qualification, and Inservice Testing Programs for Pumps, Valves, and Dynamic Restraints	3.9.6						CIB PSER complete		
	Seismic/Dynamic Qual of Mech/Elec Eqmt	3.10						EMB PSER complete, EEB secondary reviewer		

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	Environmental Qualification of Mechanical and Electrical Equipment	3.11						CIB PSER complete; EEB to review as primary reviewer		
	ASME Code Class 1, 2, and 3 Piping Systems, Piping Components and their Associated Supports	3.12						EMB1 PSER completed for Phase 1		
	Threaded Fasteners - ASME Code Class 1, 2, and 3	3.13	N/A	N/A	N/A	N/A	N/A	April 2, 2009 letter incorp deletion of COL items from DCD, need to verify DCD; CIB PSER complete	N/A	N/A
Part 2 Chap 4	Fuel System Design	4.2	N/A	N/A	N/A	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A
	Nuclear Design	4.3	N/A	N/A	N/A	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A
	Thermal and Hydraulic Design	4.4								
	Control Rod Drive Structural Materials	4.5.1	N/A	N/A	N/A	N/A	N/A	CIB review complete IBR PSER completed for Phase 1	N/A	N/A
	Reactor Internal and Core Support Structure Materials	4.5.2	N/A	N/A	N/A	N/A	N/A	CIB PSER complete IBR	N/A	N/A
	Functional Design of Control Rod Drive System	4.6	N/A	N/A	N/A	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A
	Compliance with the Codes and Standards Rule, 10 CFR 50.55a	5.2.1.1						CIB secondary reviewer completed PSER; EMB primary review PSER completed		
	Applicable Code Cases	5.2.1.2						CIB secondary reviewer completed PSER; EMB primary review PSER completed		
	Overpressure Protection	5.2.2								

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Part 2 Chap 5	Reactor Coolant Pressure Boundary Materials	5.2.3	N/A	N/A	N/A	N/A	N/A	CIB complete, IBR PSER completed for Phase 1	N/A	N/A
	Reactor Coolant Pressure Boundary Inservice Inspection and Testing	5.2.4						CIB PSER complete, no secondary reviewer		
	Reactor Coolant Pressure Boundary Leakage Detection	5.2.5								
	Reactor Vessel Materials	5.3.1								
	Pressure-Temperature Limits, Upper-Shelf Energy, and Pressurized Thermal Shock	5.3.2	N/A	4/7/2009	2 (2317) 8(2353)	PTS, RT(PTS)	RAI 8: 6/26/2009 RAI 2: 04/01/2009 ML090920061	RAI response received for RAI 2; response for RAI 8 due August 7, 2009	RAI 2 5/1/2009 ML091250488	N/A
	Reactor Vessel Integrity	5.3.3	N/A	N/A	N/A	N/A	N/A	CIB PSER complete,	N/A	N/A
	Reactor Coolant System Component and Subsystem Design	5.4	N/A	N/A	N/A	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A
	Pump Flywheel Integrity (PWR)	5.4.1.1	N/A	N/A	N/A	N/A	N/A	CIB PSER complete, IBR	N/A	N/A
	Steam Generator Materials	5.4.2.1	N/A	N/A	N/A	N/A	N/A	CIB PSER complete, IBR	N/A	N/A
	Steam Generator Program	5.4.2.2	N/A	N/A	N/A	N/A	N/A	CIB PSER complete, IBR	N/A	N/A
	Residual Heat Removal (RHR) System	5.4.7	N/A	N/A	N/A	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A
Pressurizer Relief Tank	5.4.11	N/A	N/A	N/A	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	

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	Reactor Coolant System High Point Vents	5.4.12	N/A	N/A	N/A	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A
Chap 6	Engineered Safety Features Materials	6.1.1	N/A	N/A	N/A	N/A	N/A	CIB PSER complete, IBR	N/A	N/A
	Protective Coating Systems (Paints) - Organic Materials	6.1.2			13(2805)	PROTECTIVE COATINGS	7/12/2009	CIB PSER complete. RAI response due 42 days by August 23, 2009		
	Containment Functional Design	6.2.1								
	Sub compartment Analysis	6.2.1.2								
	Mass and Energy Release Analysis for Postulated Loss-of-Coolant Accidents (LOCAs)	6.2.1.3								
	Mass and Energy Release Analysis for Postulated Secondary System Pipe Ruptures	6.2.1.4								
	Minimum Containment Pressure Analysis for Emergency Core Cooling System Performance Capability Studies	6.2.1.5								
	Containment Heat Removal Systems	6.2.2								
	Secondary Containment Functional Design	6.2.3	deleted	deleted	deleted	deleted	deleted	deleted	deleted	deleted

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Part	Containment Isolation System	6.2.4	N/A	N/A	N/A	N/A	N/A	SPCV PSER complete IBR	N/A	N/A
	Combustible Gas Control in Containment	6.2.5	N/A	N/A	N/A	N/A	N/A	SPCV PSER complete IBR	N/A	N/A
	Containment Leakage Testing	6.2.6	N/A	N/A	N/A	N/A	N/A	SPCV PSER complete IBR	N/A	N/A
	Fracture Prevention of Containment Pressure Boundary	6.2.7	N/A	N/A	N/A	N/A	N/A	CIB PSER complete IBR	N/A	N/A
	Emergency Core Cooling System	6.3								
	Control Room Habitability System	6.4						RSAC secondary review PSER complete; SPCV primary		
	ESF Atmosphere Cleanup Systems	6.5.1	N/A	N/A	N/A	N/A	N/A	SPCV primary review. RSAC completed PSER. IBR	N/A	N/A
	Containment Spray as a Fission Product Cleanup System	6.5.2	N/A	N/A	N/A	N/A	N/A	SPCV, RSAC, and CIB completed review. IBR PSER completed for Phase 1	N/A	N/A
	Fission Product Control Systems and Structures	6.5.3	N/A	N/A	N/A	N/A	N/A	RSAC primary review and SPCV completed review, IBR PSER completed for Phase 1	N/A	N/A
	Pressure Suppression Pool as a Fission Product Cleanup System	6.5.5	N/A	N/A	N/A	N/A	N/A	CIB primary and RSAC secondary reviews complete, IBR PSER completed for Phase 1	N/A	N/A
	Inservice Inspection and Testing of Class 2 and 3 Components	6.6						CIB PSER complete, no secondary reviewer		
	Instrumentation and Controls -- Introduction	7.1	N/A	N/A	N/A	N/A	N/A	ICE review complete IBR PSER completed for Phase 1	N/A	N/A
	Reactor Trip System	7.2	N/A	N/A	N/A	N/A	N/A	ICE review complete IBR PSER completed for Phase 1	N/A	N/A

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Part 2 Chap 7	Engineered Safety Features Systems	7.3	N/A	N/A	N/A	N/A	N/A	ICE review complete IBR PSER completed for Phase 1	N/A	N/A
	Safe Shutdown Systems	7.4	N/A	5/5/2009	4 (2504)	UHS	04/24/2009 ML091270423	RAI response received ICE review complete PSER completed	26-May-09	N/A
	Information Systems Important to Safety	7.5	N/A	5/5/2009	5 (2506)	EOF	04/24/2009 ML091270419	RAI response received ICE review complete PSER completed; CHPB review completed	26-May-09	N/A
	Interlock Systems Important to Safety	7.6	N/A	N/A	N/A	N/A	N/A	ICE review complete IBR PSER completed for Phase 1	N/A	N/A
	Control Systems	7.7	N/A	N/A	N/A	N/A	N/A	ICE review complete IBR PSER completed for Phase 1	N/A	N/A
	Diverse Instrumentation and Control Systems	7.8	N/A	N/A	N/A	N/A	N/A	ICE review complete IBR PSER completed for Phase 1	N/A	N/A
	Data Communication Systems	7.9	N/A	N/A	N/A	N/A	N/A	ICE review complete IBR PSER completed for Phase 1	N/A	N/A
Part 2 Chap 8	Electric Power - Introduction	8.1			9(2576)	N/A	N/A	EEB Review PSER complete; RAI response due 8/11/2009		
	Offsite Power System	8.2						EEB Review complete, PSER		
	A-C Power Systems (Onsite)	8.3.1						EEB Review complete, PSER		
								EEB Review complete, PSER		
	D-C Power Systems (Onsite)	8.3.2						EEB Review complete, PSER		
							EEB Review complete, PSER			
Station Blackout	8.4						EEB Review complete, PSER			
Storage	Criticality Safety of Fresh and Spent Fuel Storage and Handling	9.1.1	N/A	N/A	N/A	N/A	N/A	CIB and SRSB PSERS complete IBR	N/A	N/A
	New and Spent Fuel Storage	9.1.2								

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Part 2 Chapter 9	Spent Fuel Pool Cooling and Cleanup System	9.1.3	N/A	N/A	N/A	N/A	N/A	CIB PSER review complete; SBPA to review	N/A	N/A
	Light Load Handling System (Related to Refueling)	9.1.4								
	Overhead Heavy Load Handling Systems	9.1.5						SBPA PSER complete		
	Station Service Water System	9.2.1								
	Reactor Auxiliary Cooling Water Systems	9.2.2								
	Potable and Sanitary Water Systems	9.2.4								
	Ultimate Heat Sink	9.2.5								
	Condensate Storage Facilities	9.2.6								
	Compressed Air System	9.3.1								
	Process and Post-accident Sampling Systems	9.3.2	N/A	N/A				CIB PSER review complete; CHPB awaiting MHI response to DCD RAI on section 9.3.2		
	Equipment and Floor Drainage System	9.3.3	N/A	N/A	N/A	N/A	N/A	SBPA PSER IBR	N/A	N/A
	Chemical and Volume Control System (PWR) (Including Boron Recovery System)	9.3.4	N/A	N/A	N/A	N/A	N/A	CIB PSER review complete; SRSB PSER secondary review complete	N/A	N/A
	Control Room Area Ventilation System	9.4.1								
	Spent Fuel Pool Area Ventilation System	9.4.2								

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	Auxiliary and Radwaste Area Ventilation System	9.4.3								
	Turbine Area Ventilation System	9.4.4								
	Engineered Safety Feature Ventilation System	9.4.5								
	Fire Protection Program	9.5.1	N/A	N/A	10(2328) 1(2332)	fire protection testing	RAI 10: 6/30/2009 RAI 1: 03/30/2009 ML090890669	see RAI 1 (2328) SFPB review RAI response; SFPB PSER complete; RAI 10 response due 8/11/2009	RAI 1: 05/01/2009 ML091250488	N/A
	Communications Systems	9.5.2						ICE1 PSER complete		
	Lighting Systems	9.5.3								
	Emergency Diesel Engine Fuel Oil Storage and Transfer System	9.5.4	N/A	N/A	N/A	N/A	N/A	CIB PSER complete, IBR	N/A	N/A
	Emergency Diesel Engine Cooling Water System	9.5.5								
	Emergency Diesel Engine Starting System	9.5.6								
	Emergency Diesel Engine Lubrication System	9.5.7								
	Emergency Diesel Engine Combustion Air Intake and Exhaust System	9.5.8								
	Turbine Generator	10.2	N/A	N/A	N/A	N/A	N/A	SBPA PSER complete IBR	N/A	N/A

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Part 2 Chapter 10	Turbine Rotor Integrity	10.2.3	N/A	N/A	6 (2614)	turbine inspection program	04/29/2009 ML091270403	CIB PSER complete,	06/17/2009 ML091740112	N/A	
	Main Steam Supply System	10.3			16(2700)	MSSV	7/13/2009	SBPA PSER complete, RAI response due 42 days from July 13, 2009			
	Steam and Feed water System Materials	10.3.6			7	FAC	6/26/2009	CIB and SBPA review complete for phase 1, PSER; RAI response due July 31, 2009			
	Main Condensers	10.4.1	N/A	N/A	N/A	N/A	N/A	SBPA PSER complete, IBR	N/A	N/A	
	Main Condenser Evacuation System	10.4.2	N/A	N/A	N/A	N/A	N/A	SBPA PSER complete, IBR	N/A	N/A	
	Turbine Gland Sealing System	10.4.3	N/A	N/A	N/A	N/A	N/A	SBPA PSER complete, IBR	N/A	N/A	
	Turbine Bypass System	10.4.4	N/A	N/A	N/A	N/A	N/A	SBPA PSER complete, IBR	N/A	N/A	
	Circulating Water System	10.4.5						SBPA phase 1 PSER review complete			
	Condensate Cleanup System	10.4.6	N/A	N/A	N/A	N/A	N/A	CIB PSER review complete IBR	N/A	N/A	
	Condensate and Feed water System	10.4.7	N/A	N/A	N/A	N/A	N/A	SBPA PSER complete, IBR	N/A	N/A	
	Steam Generator Blow down System (PWR)	10.4.8				17(2708)	SGBS	7/14/2009	CIB phase 1 PSER review complete, response due 42 days on August 25, 2009		
	Auxiliary Feed water System (PWR)	10.4.9	N/A	N/A	N/A	N/A	N/A	N/A	SBPA PSER complete, IBR	N/A	N/A
	Source Terms	11.1	N/A	N/A	N/A	N/A	N/A	RSAC primary reviewer completed PSER, CHPB concurred, IBR	N/A	N/A	
	Liquid Waste Management System	11.2						SBPA secondary reviewer completed PSER. CHPB primary review ongoing.			

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Part 2 Chapter 11	Gaseous Waste Management System	11.3						SBPA secondary reviewer completed PSER. CHPB primary review ongoing. SPCV to also review.		
	Solid Waste Management System	11.4						SBPA secondary reviewer completed PSER. CHPB primary review ongoing.		
	Process and Effluent Radiological Monitoring Instrumentation and Sampling Systems	11.5								
Part 2 Chapter 12	Assuring that Occupational Radiation Exposures Are As Low As Is Reasonably Achievable	12.1								
	Radiation Sources	12.2								
	Radiation Protection Design Features	12.3-12.4								
	Operational Radiation Protection Program	12.5								
3	Management and Technical Support Organization	13.1.1								
	Operating Organization	13.1.2-13.1.3								
	Reactor Operator Requalification Program; Reactor Operator Training	13.2.1								

SRP Chap.	SRP Section Title	SRP Section	Phase 1 Draft RAI Issued	Telecon Date	RAI #	Phase 1 RAI Subject	Phase 1 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter
Part 2 Chapter 1	Non-Licensed Plant Staff Training	13.2.2								
	Emergency Planning	13.3								
	Operational Programs	13.4								
	Administrative Procedures - General	13.5.1.1								
	Administrative Procedures - Initial Test Program	13.5.1.2								
	Operating and Emergency Operating Procedures	13.5.2.1								
	Physical Security	13.6								
	Initial Plant Test Program - Design Certification and New License Applicants	14.2								
	Inspections, Tests, Analyses, and Acceptance Criteria	14.3	N/A	4/1/2009	1 (2328)	fire protection	03/30/2009 ML090890669	response received	05/01/2009 ML091250488	
	Structural and Systems Engineering - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.2								
	Piping Systems and Components - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.3								

SRP Chap.	SRP Section Title	SRP Section	Phase 1 Draft RAI Issued	Telecon Date	RAI #	Phase 1 RAI Subject	Phase 1 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter
Part 2 Chapter 14	Reactor Systems - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.4								
	Instrumentation and Controls - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.5	N/A	N/A	N/A	N/A	N/A	ICE1 PSER complete	N/A	N/A
	Electrical Systems - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.6						EEB Review complete, PSER		
	Plant Systems - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.7								
	Radiation Protection - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.8								
	Human Factors Engineering - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.9	N/A	N/A	N/A	N/A	N/A	COLP PSER complete, IBR	N/A	N/A
	Emergency Planning - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.10								
	Containment Systems - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.11	N/A	N/A	N/A	N/A	N/A	SPCV PSER complete IBR. Other secondary reviewers.	N/A	N/A

SRP Chap.	SRP Section Title	SRP Section	Phase 1 Draft RAI Issued	Telecon Date	RAI #	Phase 1 RAI Subject	Phase 1 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter
	Physical Security Hardware - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.12								
	Introduction - Transient and Accident Analyses	15								
	Review of Transient and Accident Analysis Method	15.0.2								
	Design Basis Accident Radiological Consequences of Analyses for Advanced Light Water Reactors	15.0.3								
	Decrease in Feed water Temperature, Increase in Feed water Flow, Increase in Steam Flow, and Inadvertent Opening of a Steam Generator Relief or Safety Valve	15.1.1-15.1.4								
	Steam System Piping Failures Inside and Outside of Containment (PWR)	15.1.5.								

SRP Chap.	SRP Section Title	SRP Section	Phase 1 Draft RAI Issued	Telecon Date	RAI #	Phase 1 RAI Subject	Phase 1 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter
art 2 Chapter 15	Loss of External Load; Turbine Trip; Loss of Condenser Vacuum; and Steam Pressure Regulator Failure (Closed)	15.2.1-15.2.5								
	Loss of Nonemergency AC Power to the Station Auxiliaries	15.2.6								
	Loss of Normal Feed water Flow	15.2.7								
	Feed water System Pipe Breaks Inside and Outside Containment (PWR)	15.2.8								
	Loss of Forced Reactor Coolant Flow Including Trip of Pump Motor and Flow Controller Malfunctions	15.3.1-15.3.2								
	Reactor Coolant Pump Rotor Seizure and Reactor Coolant Pump Shaft Break	15.3.3-15.3.4								
	Uncontrolled Control Rod Assembly Withdrawal from a Subcritical or Low Power Startup Condition	15.4.1								

SRP Chap.	SRP Section Title	SRP Section	Phase 1 Draft RAI Issued	Telecon Date	RAI #	Phase 1 RAI Subject	Phase 1 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter
D	Uncontrolled Control Rod Assembly Withdrawal at Power	15.4.2								
	Control Rod Misoperation (System Malfunction or Operator Error)	15.4.3								
	Startup of an Inactive Loop or Recirculation Loop at an Incorrect Temperature, and Flow Controller Malfunction	15.4.4-15.4.5								
	Inadvertent Decrease in Boron Concentration in the Reactor Coolant System (PWR)	15.4.6								
	Inadvertent Loading and Operation of a Fuel Assembly in an Improper Position	15.4.7								
	Spectrum of Rod Ejection Accidents (PWR)	15.4.8								
	Inadvertent Operation of ECCS and Chemical and Volume Control System Malfunction that Increases Reactor Coolant Inventory	15.5.1-15.5.2								

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	Radioactive Releases from a Subsystem or Component	15.5.7								
	Inadvertent Opening of a PWR Pressurizer Pressure Relief Valve	15.6.1								
	Radiological Consequences of Steam Generator Tube Failure	15.6.3								
	Loss-of-Coolant Accidents Resulting From Spectrum of Postulated Piping Breaks Within the Reactor Coolant Pressure Boundary	15.6.5								
	Anticipated Transients Without Scram	15.8								
	General, Plant Sys, Refueling, & Adm Ctrls: Technical Specifications	16.1								
	SLs, Reactivity, Core Op Limits, & Special Ops: Technical Specifications	16.2								
	Instrumentation: Technical Specifications	16.3								
	RCS & ECCS: Technical Specifications	16.4								

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Part 2 Chap 16	Containment Systems: Technical Specifications	16.5						SPCV PSER complete. TS secondary reviewer.		
	Electrical Power Sys: Technical Specifications	16.6								
Part 2 Chap 17	Quality Assurance During the Design and Construction Phases	17.1								
	Reliability Assurance Program (RAP)	17.4								
	Quality Assurance Program Description - Design Certification, Early Site Permit and New License Applicants	17.5						CQVP PSER Complete		
	Maintenance Rule	17.6								
Chap 18	HFE Program Management	18.1	N/A	N/A	N/A	N/A	N/A	COLP PSER complete, IBR	N/A	N/A
	Operating Experience Review	18.2	N/A	N/A	N/A	N/A	N/A	COLP PSER complete, IBR	N/A	N/A
	Functional Requirements Analysis and Function Allocation	18.3	N/A	N/A	N/A	N/A	N/A	COLP PSER complete, IBR	N/A	N/A
	Task Analysis	18.4	N/A	N/A	N/A	N/A	N/A	COLP PSER complete, IBR	N/A	N/A
	Staffing and Qualifications	18.5	N/A	N/A	N/A	N/A	N/A	COLP PSER complete, IBR	N/A	N/A
	Human Reliability Analysis	18.6	N/A	N/A	N/A	N/A	N/A	COLP PSER complete, IBR	N/A	N/A

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Part 2 Chap 18	Human-System Interface Design	18.7	N/A	N/A	N/A	N/A	N/A	COLP PSER complete, IBR	N/A	N/A
	Procedure Development	18.8	N/A	N/A	N/A	N/A	N/A	COLP PSER complete, IBR	N/A	N/A
	Training Program Development	18.9	N/A	N/A	N/A	N/A	N/A	COLP PSER complete, IBR	N/A	N/A
	Human Factors Verification and Validation	18.10	N/A	N/A	N/A	N/A	N/A	COLP PSER complete, IBR	N/A	N/A
	Design Implementation	18.11	N/A	N/A	N/A	N/A	N/A	COLP PSER complete, IBR	N/A	N/A
	Human Performance Monitoring	18.12	N/A	N/A	N/A	N/A	N/A	COLP PSER complete, IBR	N/A	N/A
Part 2 Chap 19	Probabilistic Risk Assessment and Severe Accident Evaluation for New Reactors	19								
	Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-Informed Activities	19.1								
	Review of Risk Information Used to Support Permanent Plant-Specific Changes to the Licensing Basis: General Guidance	19.2								

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Part 1	Administrative and Financial Information		N/A		N/A	financial assurance	6/26/2009	RAI letter issued June 26, 2009; requested 35 day response time		
Part 4	Technical Specifications									
Part 5	Emergency Plan									
Part 10	ITAAC and License Conditions									
Part 11	COLA Enclosures QAPD									

Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
yes									
yes									
yes									
No									

Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
no									
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no									
						RHEB secondary reviewer			
Yes									
yes									
yes									
yes									
Yes									

Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
yes									
No									
Yes									
no									
yes									
No									

Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
yes									
Yes									
yes									
yes									
No									

Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
No									
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Yes									
no									
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Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
yes									
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Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
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Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
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Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
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Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
yes									
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Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
yes									
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yes									

Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
Yes									
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Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
no									
no									

Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
yes									
No									
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NO									

Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete

Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete

Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
No									
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Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
yes									
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yes									

Phase 1 ECD / Complete	Phase 2 Draft RAI Issued	Telecon Date	RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Comments	Luminant Response Date	Proprietary Withholding Letter	Complete
yes									

Phase 2 Open Item

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