

PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Wednesday, November 02, 2011 9:46 AM
To: Woodlan, Don; ComanchePeakCOL Resource; Galvin, Dennis; Kallan, Paul; Otto, Ngola; Patel, Chandu; Reyes, Ruth; Roy, Tarun; Takacs, Michael; Ward, William
Cc: Clouser, Tim; Evans, Todd; Douglas, Nancy; 'nicholas_kellenberger@mnes-us.com'; 'Russell Bywater (russell_bywater@mnes-us.com)'; 'Joe Tapia (joseph_tapia@mnes-us.com)'; Conly, John; Reible, Robert; Bird, Bobby; 'Thomas Hicks'
Subject: RE: 2011-11-02 Woodlan, Luminant Status Files
Attachments: Comanche Peak COLA project status List.pdf

Don,

February 23, 2010 is the ACRS date for chapters 13 and 18

March 22 and 23, 2012 is the ACRS date for chapter 9

April 26-27, 2012 is the ACRS date for chapters 2 and 7

I have also attached the COLA project status report for each chapter

Thanks,

Stephen Monarque
Project Manager
Comanche Peak COL
NRO/DNRL/NMIP
301-415-1544

From: Woodlan, Don [<mailto:Donald.Woodlan@luminant.com>]
Sent: Wednesday, November 02, 2011 9:24 AM
To: Monarque, Stephen; ComanchePeakCOL Resource; Galvin, Dennis; Kallan, Paul; Otto, Ngola; Patel, Chandu; Reyes, Ruth; Roy, Tarun; Takacs, Michael; Ward, William
Cc: Clouser, Tim; Evans, Todd; Douglas, Nancy; 'nicholas_kellenberger@mnes-us.com'; 'Russell Bywater (russell_bywater@mnes-us.com)'; 'Joe Tapia (joseph_tapia@mnes-us.com)'; Conly, John; Reible, Robert; Bird, Bobby; 'Thomas Hicks'
Subject: 2011-11-02 Woodlan, Luminant Status Files

Thanks Steve. Attached are Luminant's status files for today's conference call.

Donald R. Woodlan
Manager, Nuclear Regulatory Affairs
Luminant Power
O- 254-897-6887 C- 214-542-7761

From: Monarque, Stephen [<mailto:Stephen.Monarque@nrc.gov>]
Sent: Tuesday, November 01, 2011 3:10 PM
To: Woodlan, Don; ComanchePeakCOL Resource; Galvin, Dennis; Kallan, Paul; Otto, Ngola; Patel, Chandu; Reyes, Ruth; Roy, Tarun; Takacs, Michael; Ward, William
Cc: Clouser, Tim; Evans, Todd; Douglas, Nancy; 'nicholas_kellenberger@mnes-us.com'; 'Russell Bywater

(russell_bywater@mnes-us.com); 'Joe Tapia (joseph_tapia@mnes-us.com)'; Conly, John; Reible, Robert; Bird, Bobby; 'Thomas Hicks'

Subject: Comanche Peak COL NRC Project Files

Don,

In advance of our conference call tomorrow, I am sending you the ERAI public report list and the excel data file. I will send you my Comanche peak project excel spreadsheet tomorrow. I am still making changes.

Thanks,

Stephen Monarque
Project Manager
Comanche Peak COL
NRO/DNRL/NMIP
301-415-1544

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Subject: RE: 2011-11-02 Woodlan, Luminant Status Files
Sent Date: 11/2/2011 9:45:47 AM
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Created By: Stephen.Monarque@nrc.gov

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Comanche Peak COL Project Status Table

SRP Chap.	SRP Section Title	SRP Section	Phase 1 RAI #	Phase 1 Final RAI Issuance Date	Phase 1 Comments	Phase 1 Luminant Response Date	Phase 2 RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Phase 2 Comments	Phase 2 Luminant Response Date	Age of RAI Responses	Phase 2 Complete	Phase 2 Open Item (ML Number of chapter SER)	Phase 2 Issue SER W/ OI and ECD	Phase 2 Staff Comments on RAI responses
Part 2 Chap 1	Introduction and Interfaces		202218)	7/15/2009	completed, response to RAI received August 24, 2009	ML092380344 on 08/24/2009	RAI 153(4449) RAI 206(6549)	RAI 153 is DOE Contract Numbers	04/27/2010 for RAI 153 and 2/25/2011 for RAI 206	RAI 206 is access to prop and SGI	ML101241023 dated April 30, 2010 is the RAI response for RAI 153. ML11144A060, May 20, 2011 is response to RAI 206.	N/A	Yes	RAIs 20 and 153 are closed. RAI 206 is confirmatory item.	review complete	
	Introduction and Interfaces		N/A	N/A	N/A	N/A	RAI 235 (6137) RAI 236 (6138) RAI 231 (6957)	RAI 154 - review of DCD	10/31/2011 for RAI 235; 4/27/2010 for RAI 236; 2/25/2011 for RAI 231		Response to RAI 235 is due December 5, 2011. Response to RAI 231 is a confirmatory item. ML11263431	N/A		Review of DCD is open item 1- RAI 231 is a confirmatory item.	technical input provided by reviewers January-12	
Part 2 Chap 1	Introduction and Interfaces		N/A	N/A	N/A	N/A	RAI 199	Part 30, 40, and 70 licenses	14-Jan-11	RSAC SER and review complete	Luminant provide its response on May 6, 2011. ML111284156	RAI 199 response is 160 days			technical input provided by reviewers January-12	response to bulletin 2005-01 due 2/23/2011
	Site Location and Description	2.1.1	N/A	N/A	RSAC PSER and review complete	N/A	N/A	N/A	N/A	RSAC SER and review complete		Yes	Yes	No open items	technical input provided by reviewers	
	Exclusion Area Authority and Corps	2.1.2	N/A	N/A	RSAC PSER and review complete	N/A	N/A	N/A	N/A	RSAC SER and review complete		Yes	Yes	No open items	technical input provided by reviewers	
	Population Distribution	2.1.3	N/A	N/A	RSAC PSER and review complete	N/A	N/A	N/A	N/A	RSAC SER and review complete		Yes	Yes	No open items	technical input provided by reviewers	
	Identification of potential hazards in site vicinity	2.2.1 - 2.2.2	30(2843)	9/3/2009	RSAC PSER and review complete	Responded to RAI 30 on October 15, 2009; ML08090162	N/A	N/A	N/A	RSAC SER and review complete		N/A	Yes	RAIs 02.02.02-1 and 02.02.02-2 are confirmatory items.	technical input provided by reviewers	
	Evaluation of Potential Accidents	2.2.3	31 (2844)	9/3/2009	RSAC PSER and review complete	Responded to RAI 31 on October 15, 2009; ML08090162	N/A	N/A	N/A	RSAC SER and review complete		N/A	Yes	RAI 02.02.03-1 is confirmatory item. RAI 31 is closed.	technical input provided by reviewers	
	Evaluation of Potential Accidents	2.2.3	32 (2864)	9/3/2009	RSAC PSER and review complete	On November 18, 2009, RAI responses were provided. ML083240321	125(2669)	refrigerants and applicability to PS 17B	14/2/2010	RSAC SER and review complete	On February 22, 2010, Luminant provided its responses to RAI 25, 129, 130, 131, and 132. ML103555945	N/A		RAIs 02.02.03-7 is confirmatory item. RAI 125 is closed for Section 9.4	technical input provided by reviewers	
	Regional Climatology	2.3.1	N/A	N/A	N/A	N/A	RAI 204 (6463) RAI 217 (6722)		4/27/2011 for RAI 217		Response to RAI 217 was submitted May 17, 2011 (ML1138A305). Response to RAI 202, 204, and 205 submitted March 18, 2011. (ML110365995)	N/A		RAI 204, 2.3.1-12 and RAI 217 2.3.1-13 are confirmatory items	technical input provided by reviewers	
	Regional Climatology	2.3.1	51(3555)	9/9/2009	RSAC PSER and review complete	ML092990303; 10/21/09 (ML08370170)					RAI 195 response submitted January 24, 2011 (ML110260156). RAI 195 Response provided on June 7, 2010. ML101610137. Luminant provided supplemental responses on 9/29/2010 for RAI 195 and 1028/2010 (ML10365043).	N/A		RAI 151 is closed. RAI 155, RAI 156 and 157 are confirmatory items. RAI 155 and 156 are closed.	technical input provided by reviewers	
	Local Meteorology	2.3.2	45(3556)	9/5/2009	RSAC PSER and review complete	RAI response submitted on October 19, 2009 (ML08370170)	156(4607)		27-Apr-10	Luminant provided a supplemental response to RAI 45 and 46 on February 5, 2010. ML100481138	RAI Response provided on June 7, 2010. ML101610137. Based on conference call on 8/13/2010, Luminant provided supplemental response 9/29/2010 (ML102780288).	N/A		RAI 45 is closed. RAI 156, 02.03.02-4 is confirmatory item	technical input provided by reviewers	
	Onsite Meteorological Measurements Programs	2.3.3	3(2584)	04/24/2009 ML091270429	RSAC PSER and review complete	5/8/2009 ML091330346 for RAI 3;	157(4608)		27-Apr-10	Luminant provided a supplemental response to RAI 45 and 46 on February 5, 2010. ML100481138	RAI Response provided on June 7, 2010. ML101610137	N/A		RAI 3 is closed. RAI 157 is closed	technical input provided by reviewers	
	Onsite Meteorological Measurements Programs	2.3.3	46(3557)	9/5/2009	RSAC PSER and review complete	RAI response submitted on October 19, 2009 (ML08370170)			23-Nov-10	Luminant provided a supplemental response to RAI 45 and 46 on February 5, 2010. ML100481138	Luminant provided its response on December 9, 2010. (ML102470144)	N/A		RAI 46 is closed. RAI 190 is also closed.	technical input provided by reviewers	
	Short-term Dispersion Estimates for Accident Releases	2.3.4	72(3558)	9/23/2009	RSAC PSER and review complete	Response provided on November 11, 2009; ML093202024	158(4613)		27-Apr-10		Luminant provided its response on June 25, 2010. ML101810450	N/A		RAI 158 is closed. RAI 72 is closed.	technical input provided by reviewers	
	Long-Term Atmospheric Dispersion Estimates for Routine Releases	2.3.5	61(3559)	9/19/2009	RSAC PSER and review complete	RAI response on 10/30/2009; ML08090163	163(4609)		27-Apr-10		RAI Response provided on June 7, 2010. ML101610137	N/A		RAI 160 is closed. RAI 61 is closed.	technical input provided by reviewers	

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	Hydrology															
	Hydrologic Description	2.4.1	95(3675)	9/30/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705			2/18/2010	On March 3, 2010, Luminant submitted supporting calculations. ML-100750040	Response to RAI provided July 16, 2010. ADAMS ML-102073388	RAI 139 response is 485 days	Yes	Awaiting Luminant's supplemental response. RAI 95 closed. RAI 101 is closed.	Technical review completed	Luminant's supplemental responses in August and October 21, 2011 will be used to close out RAI.
	Hydrologic Description	2.4.1	101(3683)	10/01/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705						N/A	Yes	RAI 139 is follow-up to RAI 101.	Technical review completed	
	Floods	2.4.2	102(3684)	10/7/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705			2/18/2010	On March 3, 2010, Luminant submitted supporting calculations. ML-100750040	Response to RAI provided July 16, 2010. ADAMS ML-102073388. Supplemental response to RAI 139 provided 10/9/2010 (ML-10268723) and October 21, 2011 (ML-112894723)	RAI 139 response is 485 days		Awaiting Luminant's supplemental response. RAI 139 (follow-up to RAI 102, RAI 102 is closed.	to be determined	Luminant's supplemental responses in August and October 21, 2011 will be used to close out RAI.
	Probable Maximum Flood (PMF) on Streams and Rivers	2.4.3		10/7/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705	143(4310) RAI 107(4325)		02/24/2010	On March 3, 2010, Luminant submitted supporting calculations. ML-100750040	Response to RAI provided July 16, 2010. ADAMS ML-102073388. Luminant provided Response to RAI 188 on December 10, 2010 (ML-110195920)	RAI 143 response is 485 days and RAI 188 response is 330 days		Awaiting Luminant's supplemental response. RAI 143 is a follow-up to RAI 105. RAI 105 is closed. RAI 188 is follow up to RAI 139, 139, 143, 145.	to be determined	Luminant's supplemental responses in August and October 21, 2011 will be used to close out RAI.
	Potential Dam Failures	2.4.4	111(3686)	10/2/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705	143(4311)		2/21/2010	On March 3, 2010, Luminant submitted supporting calculations. ML-100750040	Response to RAI provided July 16, 2010. ADAMS ML-102073388	RAI 140 response is 485 days		Awaiting Luminant's supplemental response. RAI 140 is a follow-up to RAI 111. RAI 111 is closed.	to be determined	Luminant's supplemental responses in August and October 21, 2011 will be used to close out RAI.
	Probable Maximum Flood (PMF) on Saturated Flooding	2.4.5	112(3687)	10/2/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705	144(4312)		2/21/2010	On March 3, 2010, Luminant submitted supporting calculations. ML-100750040	Response provided on April 20, 2010 (ML-10120090) and August 26, 2010 (ML-102440672)	N/A	Yes	RAI 144 is closed. RAI 112 is closed.	Technical review completed	
	Probable Maximum Tsunami Hazards	2.4.6	107(3688)	10/2/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705						N/A	Yes	RAI 107 is closed.	Technical review completed	
	Ice Effects	2.4.7	104(3689)	10/7/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705	141(4313)		2/21/2010	On March 3, 2010, Luminant submitted supporting calculations. ML-100750040	Response on May 6, 2010 (ML-101310141)	N/A	Yes	RAI 141 is closed. RAI 104 is closed.	Technical review completed	
	Cooling Water Canals and Reservoirs	2.4.8	N/A	N/A	RHEB PSER complete	N/A						N/A	Yes		Technical review completed	
	Channel Diversions	2.4.9	N/A	N/A	RHEB PSER complete	N/A						N/A	Yes		Technical review completed	
	Flooding Protection Requirements	2.4.10	103(3670)	10/7/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705						N/A			Technical review completed	
	Low Water Considerations	2.4.11	113(3671)	10/2/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705						N/A		RAI 103 is closed.	to be determined	
	Groundwater	2.4.12	114(3672)	10/2/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705						N/A		RAI 113 is closed.	Technical review completed	Luminant's supplemental responses in August and October 21, 2011 will be used to close out RAI.
	Accidental Releases of Radioactive Liquid Effluents in Ground and Surface Waters	2.4.13	116(3673)	10/9/2009	RHEB PSER complete; CHPB review complete	On November 16, 2009, RAI responses on ML093230229	147(4314)		2/26/2010	On March 3, 2010, Luminant submitted supporting calculations. ML-100750040	Response provided on August 26, 2010 (ML-102440672). Supplemental response submitted on October 21, 2011 (ML-111994011). Supplemental response submitted on August 29, 2011 (ML-112429146)	RAI 147 responses are 485 days		Awaiting Luminant's supplemental response. RAI 147 is a follow-up to RAI 114. RAI 114 is closed.	to be determined	
									2/26/2010	On March 3, 2010, Luminant submitted supporting calculations. ML-100750040	On September 16, 2010, Luminant submitted its response to RAI 145 (ML-102606035). Supplemental response submitted on August 29, 2011 (ML-112429146)	N/A		Awaiting Luminant's supplemental response. RAI 145 is a follow-up to RAI 116. RAI 116 is closed. RAI 145, 2.4.13-5, 6, and 7 are confirmatory items. RAI 145 closed.	to be determined	

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	Wind Loadings	3.3.1	54(2818)	9/14/2009	SEB1 PSER complete	RAI 54 response received 10/26/2009 ML093010366				On November 6, 2010, Luminant provided its supplemental response to RAI 54 and 2519 (ML103130379)		N/A		RAI 54 is closed.	September-11	
	Tornado Loadings	3.3.2	66(2819)	9/20/2009	SEB1 PSER complete	Luminant provided response on 11/15/2009. See ML093100123				On November 6, 2010, Luminant provided its supplemental response to RAI 66 and 2519 (ML103130379)		N/A		RAI 66 is closed. RAI 150 is confirmatory item.	September-11	
	Internal Pipe Protection for Onsite Equipment Failures	3.4.1	N/A	N/A	SBPA PSER completed, RHEB secondary review on Phase 2	N/A	150(4397)		3-Mar-10	RHEB secondary reviewer		N/A			September-11	
	Analysis Procedures	3.4.2	N/A	N/A	SEB1 PSER and review complete	N/A						N/A			September-11	
	Internally Generated Missiles Outside Containment	3.5.1.1	N/A	N/A	SBPA PSER complete BR, monitor DCD	N/A						N/A			September-11	
	Internally-Generated Missiles (Inside Containment)	3.5.1.2	N/A	N/A	SBPA PSER complete BR	N/A						N/A			September-11	
	Turbine Missiles	3.5.1.3	12(2664)	7/12/2009	CB PSER complete, RSAC secondary reviewer complete	ML09230043 August 24, 2009						N/A		RAI 12 is closed.	September-11	
	Missiles Generated by Tornadoes and Extreme Winds	3.5.1.4	N/A	N/A	SBPA PSER complete BR	N/A						N/A			September-11	
	Site Proximity Missiles (Except Aircraft)	3.5.1.5	33(2875)	9/9/2009	RSAC PSER and review complete	RAI 33 response on 10/15/2009 ML093001062	N/A	N/A	N/A	RSAC SER and review complete	N/A	N/A	Yes	RAI 33 is closed	September-11	Technical input provided by reviewers
	Aircraft Hazards	3.5.1.6	N/A	N/A	RSAC PSER and review complete	N/A	N/A	N/A	N/A	RSAC SER and review complete	N/A	N/A	Yes	No open items		Technical input provided by reviewers
	Structures, Systems, and Components to be Protected from Externally Generated Missiles	3.5.2	80(2840)	9/25/2009	SBPA PSER complete	Response on 11/13/2009; ML093210483			N/A		N/A	N/A		RAI 80 is closed.	September-11	
	Barrier Design Procedures	3.5.3	124(2828)	10/9/2009	SEB 1 PSER complete	Response provided on November 20, 2009; ML093200698						N/A		RAI 124 is closed	September-11	
	Plant Design for Protection against Postulated Piping Failures in Fluid Systems Outside Containment	3.6.1	N/A	N/A	SBPA PSER and review are complete. No secondary reviewer.	N/A						N/A			September-11	
	Determination of Rupture Effects Associated with the Postulated Rupture of Piping	3.6.2	27(2737)	8/11/2009	EMB2 Phase 1 PSER complete	ML092670160, 9/22/2009						N/A			September-11	
	Leak-Before-Break Evaluation Procedures	3.6.3	N/A	N/A	CIB PSER complete, IBR	N/A						N/A		RAI 27 is closed	Technical input provided by EMB	
	Seismic Design Parameters	3.7.1	N/A	N/A	N/A	N/A	RAI 222 (6789) RAI 209 (5609)				Response to RAI 209 submitted April 8, 2011 (ML111010360). Response to RAI 222 submitted July 19, 2011 (ML112074329).	N/A		RAI 209 and 222 are closed.	to be determined	September-11
	Seismic Design Parameters	3.7.1	55(2876)	9/14/2009	SEB 1 PSER complete	RAI 55 response received 10/26/2009; ML093010366			12/09/2010 for RAI 183; 3/22/2011 for RAI 209		Response to RAI 183 and 193 submitted 1/27/2011, (ML110310023). Response to RAI 202, 204, and 205 submitted March 18, 2011, (ML110825595)	N/A		RAI 55 and 193 and 205 are closed.	to be determined	
	Seismic System Analysis	3.7.2	N/A	N/A	N/A	N/A	184 (5127) 221 (5778)			ON August 4, 2011, Luminant submitted response for RAI 221 (ML112043066).		N/A		RAI 184 is closed. RAI 221 is confirmatory items and closed.	to be determined	

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Part 2 Chap 3	Seismic System Analysis	3.7.2	N/A	N/A	N/A	N/A	RAI 192 (6245); RAI 226 (6947)		12/6/2010 for RAI 192 and 9/22/2011 for RAI 226	RAI 226 response is due October 28, 2011.	Response to RAI 192 and 193 submitted 1/27/2011. (ML110310023)	N/A		RAI 192 is confirmatory items and closed. RAI 226 is follow-up to RAI 60.	to be determined	
	Seismic System Analysis	3.7.2	60(2379)	9/15/2009	SEB 1 PSER complete	On November 24, 2009, RAI response was provided on ML093340448.	226 (6947) 171(4760)		7/12/2010 for RAI 171	RAI 226 is a follow up to RAI 60	RAI 226 response received October 27, 2010. Luminant provided response received August 13, 2010 (ML102280040). Luminant sent supplemental response on 10/6/2010 (ML102810216).	N/A		RAI 60, 3.7.2, 4, 6, 9, 10 are confirmatory. RAI 60 is closed. RAI 171 is closed.	to be determined	
	Seismic Subsystem Analysis	3.7.3	64(2843)	9/10/2009	SEB 1 PSER complete	RAI response on 10/30/2009; ML08090163	162(4714)		5/18/2010		On August 19, 2010, Luminant provided its response to RAI 162 (ML102240247).	N/A		RAI 64 and 162 are closed.	to be determined	
	Seismic Instrumentation	3.7.4	53(2814)	9/9/2009	RGS1 PSER complete	ML092990303 10/21/2009					Luminant provided its response on April 1, 2010. ML100950107. Luminant provided supplemental response to RAI 146 on 3/18/2011. (ML110800635).	N/A	Yes	RAI 53 is closed. RAI 146 is closed.	technical input provided by reviewers	
	Concrete Containment	3.8.1	106(2990)	10/2/2009	SEB 1 PSER complete	November 13, 2009, RAI response on ML093230705		CAV	2/26/2010		Luminant provided its response on April 1, 2010. ML100950107	N/A		RAI 106 (2990) is closed, 3.8.01-1.5.6.7 are confirmatory items. RAI 146 (297) closed.	to be determined	
	Concrete and Steel Internal Structures of Steel or Concrete Containments	3.8.3	N/A	N/A	SEB 1 PSER and review complete	N/A	146(4297)		2/26/2010			N/A			to be determined	
	Other Seismic Category I Structures	3.8.4	106(2984)	10/2/2009	SEB 1 PSER complete	Response received December 10, 2009 (ML093480182)	RAI 167 (4542)		5/21/2010		On August 9, 2010, Luminant provided its response to RAI 167 (ML102260247). Luminant provided supplemental response to RAI 167 on 3/18/2011. (ML110800635).	RAI 167 closed. RAI 167 on 3.8.4-64.		RAI 106 (3994) closed. RAI 167 closed. with exception of 3.8.4-64.	to be determined	
	Other Seismic Category I Structures	3.8.4	122(3006)	10/9/2009	SEB 1 PSER complete	Response received December 14, 2009 (ML093500123)					Response to RAI 165 received January 6, 2011 (ML110070358).	N/A		RAI 122 (3006) closed. RAI 165, follow-up to RAI 167, is now closed. RAI 167 all items closed. RAI 167 with -04 still being evaluated.	to be determined	
	Foundations	3.8.5	115(2989)	10/2/2009	SEB 1 PSER complete	November 13, 2009, RAI response on ML093230705	185 (5092)		10/25/2010			N/A		RAI 115, 3.8.05.3 thru 5 are confirmatory items.	to be determined	
	Special Topics for Mechanical Components	3.9.1	N/A	N/A	EMB2 IBR PSER completed for Phase 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	No Open Items	technical input provided by reviewers	
	Dynamic Testing and Analysis of Systems, Structures and Components	3.9.2	N/A	N/A	EMB1 PSER completed for Phase 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	No open items	technical input provided by reviewers	
	ASME Code Class 1, 2, and 3 Components, and Component Supports, and Core Support Structures	3.9.3	84(2736)	9/25/2009	EMB1 PSER completed for Phase 1	Response on 11/13/2009; ML093210488						N/A		RAI 84 is closed.	technical input provided by reviewers	
	Control Rod Drive Systems	3.9.4	N/A	N/A	EMB2 IBR PSER completed for Phase 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	yes	No open items	technical input provided by reviewers	
	Reactor Pressure Vessel Internals	3.9.5	N/A	N/A	EMB2 IBR PSER completed for Phase 1	N/A	N/A	N/A	N/A	IBR	N/A	N/A	Yes	No open items	technical input provided by reviewers	

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	Functional Design, Qualification, and Service Testing Programs for Pumps, Valves, and Dynamic Restraints	3.9.6	57(2772)	9/14/2009	CIB PSER complete	RAI 57 response received 10/26/2009; ML093010386	RAI 228 (6027)		9/2/2011		Response to RAI 228 is due October 17, 2011.	N/A		RAI 57 is closed, with RAI 228 as a follow-up. RAI 228 questions are the open items.	Technical input provided by reviewers	
	Seismic/Dynamic Qual of Mech/Elec Eqmt	3.10	25(2730)	9/11/2009	EMB PSER complete, EEB secondary PSER complete.	ML09270160, 9/22/2009					Technical input provided by EMB2. EEB review remaining.	N/A		RAI 25 is closed.	September-11	
	Environmental Qualification of Mechanical and Electrical Equipment	3.11	73(2765);	9/23/2009 for RAI 173	Response provided on November 11, 2009; ML093220204							N/A		RAI 73 is closed. Follow up RAI 173 to be issued.	September-11	
	Environmental Qualification of Mechanical and Electrical Equipment	3.11	97(3705)	9/30/2009 for RAI 97	CIB PSER complete; EEB primary reviewer-PSER complete	November 11, 2009. RAI response on ML093200501					Supplemental response to RAI 97 was received on March 5, 2010 (ML100702953)	N/A		EEB SE received RAI 97- 3.11- RAI 97 is now a confirmatory item. RAI 97 closed.	September-11	
	ASME Code Class 1, 2, and 3 Piping Components and their Associated Supports	3.12	N/A	N/A	EMB1 PSER completed for Phase 1	N/A	N/A	N/A	N/A	N/A		N/A	Yes	No open items	Technical input provided by reviewers	
	Threaded Fasteners - ASME Code Class 1, 2, and 3	3.13	N/A	N/A	April 2, 2009 letter incorporation of COL items from DCD, need to verify DCD; CIB PSER complete	N/A	N/A	N/A	N/A	CIB review complete		N/A	Yes	No open items	Technical input provided by reviewers	
	Fuel System Design	4.2	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	N/A	N/A	IBR		N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	
	Nuclear Design	4.3	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	N/A	N/A	IBR		N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	
	Thermal and Hydraulic Design	4.4	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	N/A	N/A	IBR		N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	
	Control Rod Drive Structural Materials	4.5.1	N/A	N/A	CIB review complete IBR PSER completed for Phase 1	N/A	N/A	N/A	N/A	IBR		N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	
	Reactor Internal and Core Support Structure Materials	4.5.2	N/A	N/A	CIB PSER complete IBR	N/A	N/A	N/A	N/A	IBR		N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	
	Control Rod Drive System	4.6	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	N/A	N/A	IBR		N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	
	Compliance with the ASME Code Class 1, 2, and 3 Rule, 10 CFR 50.55a	5.2.1.1	40(2751)	9/4/2009	CIB secondary reviewer completed PSER, EMB primary review PSER completed	RAI response submitted on October 19, 2009 (ML09370170)	N/A	N/A	N/A	CIB review complete, SE on October 4, 2010	EMB SE complete	N/A	Yes	RAI 40 is closed.	Phase 2 completed	
	Applicable Code Cases	5.2.1.2	41(2760) 42(2795)	09/04/2009 for both RAIs	CIB secondary reviewer completed PSER, EMB primary review PSER completed	Both RAI responses submitted on October 19, 2009 (ML09370170)	N/A	N/A	N/A	CIB review complete, SE on October 4, 2010.	EMB SE complete	N/A	Yes	RAIs 41 and 42 are closed.	Phase 2 completed	
	Overpressure Protection	5.2.2	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	N/A	N/A	SRSB review complete IBR		N/A	Yes	No open items	Phase 2 completed	
	Reactor Coolant Pressure Boundary Materials	5.2.3	N/A	N/A	CIB complete, IBR PSER completed for Phase 1	N/A						N/A	Yes	RAI 215 is now a confirmatory item.	Phase 2 completed	
	Reactor Coolant Pressure Boundary Inspection, Testing and	5.2.4	87(2969)	9/26/2009	CIB PSER complete, no secondary reviewer	Luminant provided response on 11/5/2009. See ML093130124.					Response to RAI 215 due May 9, 2011	N/A	Yes	5.2.4-2 confirmatory item on (SI) and preservice inspection. RAI 87.5.2.4-1 is a confirmatory item.	Phase 2 completed	

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Part 2 Chnp 5	Reactor Coolant Pressure Boundary Leakage Detection	5.2.5	56(3457)	9/14/2009	SBPA PSER complete	RAI 58 response received 10/26/2009; ML093010386		RC leakage detection	11-Jan-10	SBPS SER complete March 26, 2010	By letter dated February 19, 2010, Luminant provided response to RAI 10, ML100550214	N/A	Yes	RAI 58 is closed. RAI 127, 05.02.05-3 is a confirmatory item.	Phase 2 completed	
	Reactor Vessel Materials	5.3.1	62(3193) 65(3127)	9/19/2009	CB PSER complete, no secondary reviewer	RAI 62 and 65 responses on 10/30/2009; ML093030165		capsule withdraw schedule	12-Jan-10	January 26, 2010 CIB SER completed	By letter dated February 19, 2010, Luminant provided response to RAI 10, ML100550214	N/A	Yes	RAI 62 is closed. RAI 128, RAI 65 is closed. RAI 65, 05.03.01-2 is a confirmatory item.	Phase 2 completed	
	Pressure-Temperature Limits, Upper-Sheaf Energy, and Pressurized Thermal Shock	5.3.2	2 (2317) 8(2353)	RAI 8: 9/29/2009 RAI 2: 04/01/2009 ML090920081	CB PSER complete RAI 2 response on 8/7/09; ML092230162	RAI 2 response on 5/1/2009, ML091250488; RAI 8 response on 8/7/09, ML092230162		N/A	N/A	CIB review and SER complete	N/A	N/A	Yes	RAI 2 and 8 are closed.	Phase 2 completed	
	Reactor Vessel Integrity	5.3.3	N/A	N/A	CB PSER complete,	N/A	N/A	N/A	N/A	CIB review and SER complete	N/A	N/A	Yes	No open items	Phase 2 completed	
	Reactor Coolant System Containment Subsystem Design	5.4	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	N/A	N/A	SRSB and CIB review complete	N/A	N/A	Yes	No open items	Phase 2 completed	
	Pump Flywheel Integrity (PWR)	5.4.1.1	N/A	N/A	CB PSER complete, IBR	N/A	N/A	N/A	N/A	CB PSER complete, IBR	N/A	N/A	Yes	No open items	Phase 2 completed	
	Steam Generator Materials	5.4.2.1	N/A	N/A	CB PSER complete, IBR	N/A	N/A	N/A	N/A	CB SER provided, March 11, 2010	N/A	N/A	Yes	No open items	Phase 2 completed	
	Steam Generator Program	5.4.2.2	N/A	N/A	CB PSER complete, IBR	N/A	N/A	N/A	N/A	CB SER provided, March 11, 2010	N/A	N/A	Yes	No open items	Phase 2 completed	
	Residual Heat Removal (RHR) System	5.4.7	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	N/A	N/A	SRSB review complete IBR	N/A	N/A	Yes	No open items	Phase 2 completed	
	Pressurizer Relief Tank	5.4.11	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	N/A	N/A	SRSB review complete IBR	N/A	N/A	Yes	No open items	Phase 2 completed	
	Reactor Coolant System High Point Vents	5.4.12	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	N/A	N/A	SRSB review complete IBR	N/A	N/A	Yes	No open items	Phase 2 completed	
	Engineered Safety Features Materials	6.1.1	N/A	N/A	CB PSER complete, IBR	N/A	N/A	N/A	N/A	SRSB review complete IBR	N/A	N/A	Yes	No open items	Phase 2 completed	
	Protective Coating Systems (Paints) - Organic Materials	6.1.2	13(2605); 94(3677)	07/19/2009 for RAI 13, RAI 94 issued on 9/30/2009	CB PSER complete, RAI response received.	08/24/2009 ML09280343 for RA 13, RAI 94 response due 11/5/2009. On 11/11/2009, Luminant provided response to RAI 94 (ML092206071).		N/A	N/A	CIB SER March 8, 2010	N/A	N/A	Yes	RAI 13 and 94 are closed.	Technical input provided by reviewers	
	Containment Functional Design	6.2.1	N/A	N/A	SPCV PSER complete IBR	N/A						N/A	Yes		Technical input provided by reviewers	
	Sub-compartment Analysis	6.2.1.2	N/A	N/A	SPCV PSER complete IBR	N/A						N/A	Yes		Technical input provided by reviewers	
	Mass and Energy Release Analysis for Postulated Loss-of-Coolant Accidents (LOCAs)	6.2.1.3	N/A	N/A	SPCV PSER complete IBR	N/A						N/A	Yes		Technical input provided by reviewers	
	Mass and Energy Release Analysis for Postulated Secondary System Pipe Ruptures	6.2.1.4	N/A	N/A	SPCV PSER complete IBR	N/A						N/A	Yes		Technical input provided by reviewers	
	Minimum Containment Pressure and Emergency Core Cooling System Performance Capability Studies	6.2.1.5	N/A	N/A	SPCV PSER complete IBR	N/A						N/A	Yes		Technical input provided by reviewers	

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Part 2 Chap 6	Containment Heat Removal Systems	6.2.2	763(155)	N/A	SPCV PSER complete IBR, CIB secondary review also complete	Response provided November 12, 2009 on ML093510532	RAI 229 (6025)	Jump cleanliness program	9/12/2011	CIB SER March 8, 2010	RAI 229 is a follow up to RAI 76, 2009. Response submitted October 10, 2011 (ML112654247).	RAI 76 response is 5-500 days		One question remains responded for RAI 76		Tech staff is resolving DCD issue (GSI) before closing RAI 76.
	Secondary Containment Functional Design	6.2.3	deleted	deleted	deleted	deleted						N/A			to be determined	
	Containment Isolation System	6.2.4	N/A	N/A	SPCV PSER complete IBR	N/A						N/A			to be determined	
	Combustible Gas Control in Containment	6.2.5	N/A	N/A	SPCV PSER complete IBR	N/A						N/A			to be determined	
	Containment Leakage Testing	6.2.6	N/A	N/A	SPCV PSER complete IBR	N/A						N/A			to be determined	
	Leakage Prevention of Containment Pressure Boundary	6.2.7	N/A	N/A	CIB PSER complete IBR	N/A	N/A	N/A		N/A		N/A	Yes	No open items	technical input provided by reviewers	
	Emergency Core Cooling System	6.3	N/A	N/A	SRSB PSER complete, IBR	N/A						N/A	Yes		technical input provided by reviewers	
	Control Room Habitability System	6.4									Response provided to RAI 172 on October 6, 2010 (ML102810224). RAI response to RAI 202 due March 18, 2011 (ML110900596). RAI 202 submitted March 18, 2011 (ML110900596).	RAI 202 response is 240 days.				for 6.4-12 Luminant has addressed staffs issue. Need to review 6.4 of DCD before completion of dedicated chiller Ventilation system.
	Control Room Habitability System	6.4	N/A	N/A	N/A	N/A	RAI 216 (6552)		27-Apr-11		Response to RAI 216 submitted May 31, 2011 (ML111926339).	RAI 216 response is 160 days.				Staff wants call on NHH and mass calculated for gas completion of DCD review.
	Control Room Habitability System	6.4	77(3451)	9/24/2009	RSAC secondary review PSER complete, SPCV primary reviewer PSER also complete	Response provided November 12, 2009 on ML093510532.	125(30869)	refrigerants and applicability to RG 178	1/4/2010		On February 22, 2010, Luminant provided its responses to RAIs 125, 129, 130, 131, and 132. ML10050345	N/A		RAI 77, 6.4.4 is a conformity item. RAI 125 6.4.7 is closed item.		
	ESF Atmosphere Cleanup Systems	6.5.1	N/A	N/A	SPCV primary review, RSAC completed PSER, IBR	N/A						N/A	Yes		technical input provided by reviewers	
	Containment Spray as a Fission Product Cleanup System	6.5.2	N/A	N/A	SPCV, RSAC, and CIB completed review, IBR PSER completed for Phase 1	N/A				CIB SER March 8, 2010		N/A	Yes		technical input provided by reviewers	
	Fission Product Control Systems and Structures	6.5.3	N/A	N/A	RSAC primary review and SPCV completed review, IBR PSER completed for Phase 1	N/A						N/A	Yes		technical input provided by reviewers	
	Pressure Suppression Pool as a Fission Product Cleanup System	6.5.5	N/A	N/A	CIB primary and RSAC secondary reviews complete, IBR PSER completed for Phase 1	N/A						N/A	Yes		technical input provided by reviewers	
	Inservice Inspection and Refueling of Cores 2 and 3 Components	6.6	43(2970) 44(2971)	9/4/2009 for both RAIs	CIB PSER complete, no secondary reviewer	Both RAI responses submitted on October 12, 2009 (ML093370170)				CIB SER March 8, 2010		N/A	Yes		technical input provided by reviewers	
	Instrumentation and Controls -- Introduction	7.1	N/A	N/A	ICE review complete IBR PSER completed for Phase 1	N/A	N/A	N/A	N/A	ICE review complete	N/A	N/A	Yes	RAIs 43 and 44 are closed	sent to SER writer, awaiting final DCD review	
	Reactor Trip System	7.2	N/A	N/A	ICE review complete IBR PSER completed for Phase 1	N/A	N/A	N/A	N/A	ICE review complete	N/A	N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	
	Engineered Safety Features Systems	7.3	N/A	N/A	ICE review complete IBR PSER completed for Phase 1	N/A	N/A	N/A	N/A	ICE review complete	N/A	N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	

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Part 2 Chap 8	Safe Shutdown Systems	7.4	4 (2504)	04/24/2009 ML0912/0423	RAI response received ICE review complete PSER completed	05/26/2009, ML091480014	N/A	N/A	N/A	ICE review complete	N/A	N/A	Yes	RAIs 4 and 5 are closed.	sent to SER writer, awaiting final DCD review	
	Information Systems Important to Safety	7.5	5 (2506)	04/24/2009 ML0912/0419	RAI response received ICE review complete PSER completed, CHFB review completed	05/26/2009, ML091480014	N/A	N/A	N/A	ICE review complete	N/A	N/A	Yes	RAIs 4 and 5 are closed.	sent to SER writer, awaiting final DCD review	
	Interlock Systems Important to Safety	7.6	N/A	N/A	ICE review complete IBR PSER completed for Phase 1	N/A	N/A	N/A	N/A	ICE review complete	N/A	N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	
	Control Systems	7.7	N/A	N/A	ICE review complete IBR PSER completed for Phase 1	N/A	N/A	N/A	N/A	ICE review complete	N/A	N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	
	Diverse Instrumentation and Control Systems	7.8	N/A	N/A	ICE review complete IBR PSER completed for Phase 1	N/A	N/A	N/A	N/A	ICE review complete	N/A	N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	
	Data Communication Systems	7.9	N/A	N/A	ICE review complete IBR PSER completed for Phase 1	N/A	N/A	N/A	N/A	ICE review complete	N/A	N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	
	Electric Power - Introduction	8.1	9(2576)	N/A	EEB Review PSER complete, RAI response received	8/11/2009 ML092240406				ICE review complete	N/A	N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	
	Offsite Power System	8.2	N/A	N/A	N/A	N/A	182 (5118)		10/19/2010			N/A		RAI 182, question 8.2-30 is an open item. Question 29 is confirmatory.	Phase 2 completed	
	Offsite Power System	8.2	24(2577)	6/30/2009	EEB Review complete, PSER, RAI response RAI response received	RAI 24 response on 9/8/09 ML062530470			4/13/2010			N/A	No	RAI 24, question 24 and RAI 152 questions 08.02-27 are confirmatory items.	Phase 2 completed	
	A-C Power Systems (Onsite)	8.3.1	23(2581)	7/27/2009	EEB Review complete, PSER, RAI response RAI response received	RAI 23 response on 9/8/09 ML062530470						N/A	No	RAI 06.03.01-01 is a confirmatory item.	Phase 2 completed	
Part 2 Chap 8	D-C Power Systems (Onsite)	8.3.2	N/A	N/A	EEB Review complete, PSER	N/A						N/A	No		Phase 2 completed	
	Station Blackout	8.4	N/A	N/A	EEB Review complete, PSER	N/A	183 (5117)		10/19/2010			N/A		RAI 183, question 8.4-1 is confirmatory. RAI 183 is closed.	Phase 2 completed	
	Critically Safety of Fresh and Spent Fuel Storage and Handling	9.1.1	N/A	N/A	CIB and SERB PSERs complete IBR	N/A				CIB SER March 8, 2010.		N/A			October-11	
	New and Spent Fuel Storage	9.1.2	N/A	N/A	SBPA IBR review complete IBR, CIB PSER complete	N/A				CIB SER March 8, 2010.		N/A			October-11	
	Spent Fuel Pool Cooling and Cleanup System	9.1.3	N/A	N/A	CIB PSER review complete; SBPA to review	N/A	N/A			CIB SER March 8, 2010.		N/A	yes		Technical review completed	
	Light Load Handling System (Related to Refueling)	9.1.4	N/A	N/A	SBPA IBR review complete	N/A	N/A					N/A	yes		Technical review completed	
	Overhead Heavy Load Handling Systems	9.1.5	52(3294)	9/9/2009	SBPA PSER complete	ML092990303; 10/21/2009	N/A					N/A	yes	RAI 52 is confirmatory item.	Technical review completed	

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	Station Service Water System	9.2.1	109(3698)	10/2/2009	SBPA PSER complete	Response provided on November 20, 2009 on ML09520667				On February 22, 2010, Luminant provided supplemental responses 11 and 109 (ML100550203).		N/A		On August 28, 2011, RAI 109 is closed. Follow-up RAI to be issued.		
	Reactor Auxiliary Cooling Water Systems	9.2.2	N/A	N/A	SBPA IBR review complete	N/A						N/A	Yes		Technical review completed	
	Portable and Sanitary Water Systems	9.2.4	N/A	N/A	SBPA PSER complete	N/A	128(3909)	PSVS	14/2/2011	N/A	Response received February 18, 2010 (ML100550110)	N/A	Yes	RAI 128 has confirmatory items.	technical input provided by reviewers	
	Ultimate Heat Sink	9.2.5	121(3762)	10/9/2009	SBPA PSER complete	Response provided on December 18, 2009 on ML09520667						N/A	Yes	On August 28, 2011, RAI 121 is closed. Follow-up RAI to be issued.		
	Condensate Storage Facilities	9.2.6	N/A	N/A	SBPA PSER and review complete	N/A						N/A	Yes		Technical review completed	
	Chilled Water system	9.2.7	N/A	N/A	SBPA IBR review complete	N/A						N/A	Yes		Technical review completed	
	Turbine Building Cooling Water System	9.2.8	N/A	N/A	SBPA IBR review complete	N/A						N/A	Yes		Technical review completed	
	Non-Essential Service Water system	9.2.9	N/A	N/A	SBPA IBR review complete	N/A						N/A	Yes		Technical review completed	
	Compressed Air System	9.3.1	N/A	N/A	SBPA PSER review complete	N/A					SBPA SER complete	N/A	Yes		Technical review completed	
	Process and Post-Accident Sampling Systems	9.3.2	N/A	N/A	CIB PSER review complete; CHPB review complete	N/A						N/A	Yes		Technical review completed	
	Drainage and Floor Drainage System	9.3.3	N/A	N/A	SBPA PSER IBR	N/A						N/A	Yes		Technical review completed	
	Chemical and Volume Control System (PWR) (Including Boron Recovery System)	9.3.4	N/A	N/A	CIB PSER review complete; SBPA PSER secondary review complete	N/A					RAI response to RAI 225 (6981) revised on 10/29/2010 (ML103060043); Luminant provided response to RAI 207 on April 13, 2011 (ML11104065)	N/A	Yes		Technical review completed	
	Control Room Area Ventilation System	9.4.1	63(3219)	9/19/2009	SPSV PSER and review complete	RAI responded on 10/30/2009; ML09090163	207 (5599)		3/10/2011	N/A	Supplemental response to RAI 63 provided on 10/29/2010 (ML103060043); Luminant provided response to RAI 207 on April 13, 2011 (ML11104065)	N/A	Yes	RAI 63 is closed, with 9.4.1-1 as confirmatory item. RAI 207 9.4.1-3 is an confirm item.	SPSV technical input provided by reviewers	
	Spent Fuel Pool Area Ventilation System	9.4.2	N/A	N/A	SPSV PSER and review complete, IBR	N/A	N/A	N/A	N/A	N/A		N/A	Yes	N/A	SPSV technical input provided by reviewers	
	Auxiliary and Radwaste Area Ventilation System	9.4.3	48(3225)	9/7/2009	SPSV PSER and review complete; CHPB secondary review ongoing	RAI response submitted on October 19, 2009 (ML09370170)						N/A	Yes		SPSV technical input provided by reviewers	
	Turbine Area Ventilation System	9.4.4	N/A	N/A	SPSV PSER and review complete, IBR	N/A	N/A	N/A	N/A	N/A		N/A	Yes	RAI 48 is closed.	SPSV technical input provided by reviewers	
	Engineered Safety Feature Ventilation System	9.4.5	110(3230)	10/2/2009	SPSV PSER and review complete.	November 13, 2009, RAI response on ML093230705					Supplemental response for RAI 110 provided on 10/29/2010 (ML103060043)	N/A		RAI 110 is closed.	SPSV technical input provided by reviewers	
	Engineered Safety Feature Ventilation System	9.4.5	121(3232)	10/9/2009	SPSV PSER and review complete.	Response provided on December 18, 2009 on ML09520667			3/24/2011	Response to RAI 213 submitted May 6, 2011. (ML111300166)	Supplemental response for RAI 110 provided on 10/29/2010 (ML103060043). Response to RAI 213 submitted May 6, 2011 (ML111300166)	N/A		RAI 123 confirmatory items are 9.4.5-3, 4, 5, 6, 7, 9, 10, 12. RAI 213 is closed.	SPSV technical input provided by reviewers	

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SRP Chap.	SRP Section Title	SRP Section	Phase 1 RAI #	Phase 1 Final RAI Issuance Date	Phase 1 Comments	Phase 1 Luminant Response Date	Phase 2 RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Phase 2 Comments	Phase 2 Luminant Response Date	Age of RAI Responses	Phase 3 Complete	Phase 2 Open Item (ML Number of chapter SER)	Phase 2 Issue SER W/ OI and ECD	Phase 2 staff Comments on RAI responses
	Source Terms	11.1	N/A	N/A	RSAC primary reviewer completed PSER, CHPB concurred, IBR	N/A						N/A			Phase 2 completed	
	Liquid Waste Management System	11.2	29 (2747)	8/14/2009	SBSPA secondary reviewer completed PSER, CHPB primary review complete.	RAI 29 response ML092720676 on 8/24/2009.	RAI 203 (5374)		21/12/2011	received technical input from SBSPA.	Luminant submitted response to RAI 203 and 214 on April 19, 2011 (ML1111A101).	N/A		RAI 29 is closed. All except two of RAI 203 are confirmatory items.	Phase 2 completed	
	Liquid Waste Management System	11.2	49 (3398)	9/7/2009	SBSPA secondary reviewer completed PSER, CHPB primary review complete.	RAI response submitted on October 19, 2009 (ML093370170). On November 5, 2009, revised response to RAI 49 was provided. (ML093180476)	RAI 208 (5474) RAI 224 (5854)		31/02/2011	Response to RAI 224 submitted September 29, 2011 (ML11273A165).	Response to RAI 201, 208, and 207 were submitted April 13, 2011 (ML1104A053).	N/A		RAI 49 is closed. RAI 208 is confirm. RAI 224 is open item.	Phase 2 completed	
	Gaseous Waste Management System	11.3	35 (2748)	9/3/2009	SBSPA secondary reviewer completed PSER, CHPB primary review complete.	RAI 35 response on October 15, 2009; ML093090162					received technical input from SBSPA.	N/A		RAI 35 is closed.	Phase 2 completed	
	Gaseous Waste Management System	11.3	36 (3400)	9/3/2009	SBSPA secondary reviewer completed PSER, CHPB primary review complete.	RAI 36 response on October 15, 2009; ML093090178	RAI 200 (5375)		1/26/2011		Luminant's response received April 11, 2011 (ML1102A115).	N/A		RAI 36 is closed. RAI 200, 11.03-2 is confirmatory, rest of RAI 200 is closed.	Phase 2 completed	
	Solid Waste Management System	11.4	39 (2749) 39 (3401)	9/4/2009 for both RAI's	SBSPA secondary reviewer completed PSER, CHPB primary review complete.	Both RAI responses submitted on October 19, 2009 (ML093370170)					received technical input from SBSPA.	N/A		RAI 38 is confirmatory items. RAI 39 11.04-4 is an open item.	Phase 2 completed	
	Process and Effluent Radiological Monitoring Instrumentation and Sampling Systems	11.5	50 (3402)	9/7/2009	CHPB, ICE, CTSB review and PSER complete.	RAI response submitted on October 19, 2009 (ML093370170)	RAI 201 (5377)		1/26/2011		Response to RAI 201, 208, and 207 were submitted April 13, 2011 (ML1104A053).	N/A		RAI 50 is closed. RAI 201 is closed with 1 confirm item.	Phase 2 completed	
	Process and Effluent Radiological Monitoring Instrumentation and Sampling Systems	11.5	59 (3602)	9/15/2009	CHPB, ICE, CTSB review and PSER complete.	RAI 59 response received 10/26/2009; ML093010366						N/A		RAI 59 is closed.	Phase 2 completed	
Part 2 Chapter 11	Assuring that Occupational Radiation Exposures Are As Low As Reasonably Achievable	12.1	118 (3316)	10/5/2009	CHPB PSER complete	On November 16, 2009, RAI responses on ML093230229						N/A		RAI 118, questions 12.1-2 and 4 are confirmatory items. Rest of RAI 118 is closed.	Phase 2 completed	
	Radiation Sources	12.2	65 (3609); 68 (3317)	9/29/2009 for RAI 65 and 9/14/2009 for RAI 68	CHPB PSER complete	Luminant provided response on 11/5/2009. See ML093230229 for both responses.						N/A		RAI 65 is closed. RAI 68 is a confirmatory item.	Phase 2 completed	
	Radiation Protection Design Features	12.3-12.4	99 (3511)	9/30/2009 for RAI 99	CHPB PSER complete	November 11, 2009, RAI response on ML093205051	RAI 132 (4207)				On February 24, 2010, Luminant provided its response to RAI 133. ML100560460; Luminant provided supplemental response to RAI 133 on March 18, 2011 (ML110806259).	N/A		RAI 99 is a confirmatory item. Both questions to RAI 133 are confirm items. RAI 138 is open item.	Phase 2 completed	
	Radiation Protection Design Features	12.3-12.4	119 (3318)	10/5/2009 for RAI 119	CHPB PSER complete	On November 16, 2009, RAI responses on ML093230229	RAI 135 (4208) and RAI 225 (5981)		12/1/2010	Response to RAI 225 provided 9/16/2011, ML1126A203. Technical supplemental response to RAI 135, ML102670158). Second supplemental response submitted April 13, 2011 (ML1104A052).	RAI 119 12.3-12.4-2,3,4 are confirmatory items. 12.5-12.4-9 was closed with RAI 133 as follow-up question.	N/A		Phase 2 completed		
	Operational Radiation Protection Program	12.5	100 (3319)	9/30/2009 for RAI 100	CHPB PSER complete	November 11, 2009, RAI response on ML093205051					Luminant's response received ML10010026 on March 9, 2010; supplemental response to RAI 136 was submitted April 13, 2011 (ML110806259).	N/A		RAI 100 closed with RAI 136 as follow-up to RAI 100. RAI 138 12.5-5 is confirm item and 12.5-8 is also confirm item.	Phase 2 completed	
	Operational Radiation Protection Program	12.5	117 (3510)	10/5/2009 for RAI 117	CHPB PSER complete	On November 16, 2009, RAI responses on ML093230229	RAI 136 (4208)	use of respirator	2/1/2010			N/A		RAI 117 is confirmatory items.	Phase 2 completed	
Part 2 Chapter 12												N/A				

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	Management and Training Support Organization	13.1.1	68(2336)	9/20/2009	NRODCP/COLP PSER received	Luminant provided response on 11/5/2009. See ML093130123	N/A	N/A	N/A	N/A	N/A	N/A	Yes	RAI 68 (2636) 13.01.01-2, 13.01.01-3 are confirmatory items	NRC review of SER complete	
	Operating Organization	13.1.2-13.1.3	69(2337)	9/20/2009	NRODCP/COLP PSER received	Luminant provided response on 11/5/2009. See ML093130123	N/A	N/A	N/A	N/A	N/A	N/A	Yes	RAI 69 (2637) 13.01.02-13.01.03-2, 13.01.02-3, 13.01.02-13.01.03-5 are confirmatory items	NRC review of SER complete	
	Reactor Operator Qualification Program; Reactor Operator Training	13.2.1	N/A	N/A	NRODCP/COLP PSER received	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	No open items	NRC review of SER complete	
	New-Comised Plant Staff Training	13.2.2	N/A	N/A	NRODCP/COLP PSER received	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	No open items	NRC review of SER complete	
	Emergency Planning	13.3	70(2395);	9/20/2009	NSIROPRDDEP/ONRLB PSER complete	On November 18, 2009, RAI responses were provided. ML093240321				Luminant submitted supplemental information on RAI 170 on 9/16/2010 ML 10263014.	Luminant provided supplemental information on March 5, 2010 to RAI 70 (ML100700262). Luminant provided clean copy of EALs on January 21, 2010 (ML100250427).	N/A	Yes	RAI 70 is a confirmatory item.	NRC review of SER complete	
	Emergency Planning	13.3	78(3327);	9/24/2009	NSIROPRDDEP/ONRLB PSER complete	On November 18, 2009, RAI responses were provided on ML093240321. Supplemental RAI response provided November 12, 2009 on ML093510532.	RAI 134 (4224) 137(4372)	ETE	01/25/2010 for RAI 134 and 137 for ETE	RAI 137 is a supplemental question to RAI 134	Response to RAI 134 (ML 100620831) dated March 1, 2010 was received. Response to RAI 137 was received March 5, 2010 (ML100700262). On March 5, 2010, Luminant provided Revised Revision 3 (ML 101610147)	N/A	Yes	RAIs 134 and 137 are closed. RAI 137 has 13 confirmatory items.	NRC review of SER complete	
	Emergency Planning	13.3	88(3183)	9/28/2009	NSIROPRDDEP/ONRLB PSER complete	November 16, 2009 for RAI response (ML093230239)	RAI 189 (4579)		27-Apr-10	RAI Response provided on June 9/16/10. ML 101610137	Luminant provided clean copy of EALs on January 21, 2010 (ML 100250427). This submittal resolved open items. Based on 8/16/10 call, Luminant provided supplemental EAL response on 9/16/10.	N/A	Yes	RAI 88 has 6 confirmatory items. RAI 189 has 5 confirmatory items.	NRC review of SER complete	
	Operational Programs	13.4	71(3592)	9/20/2009	CHPB PSER complete	Luminant provided response on 11/5/2009. See ML093130123. Supplemental response provided on January 13, 2010. (ML 100150328).	RAI 151 (4454) RAI 187 (5201)	SG program	03/10/2010 for RAI 151; RAI 187 issued 11/9/2010		Response received April 12, 2010. ML 101040259. 9/20/2010, Luminant provided supplemental response to RAI 71 (ML 102760289). Luminant provided response to RAI 187 on 11/22/2010 (ML 103260046)	N/A	Yes	RAI 71 (3592) has confirmatory items. RAI 151 and 187 are closed.	draft received from SER writer.	
	Administrative Procedures - General	13.5.1.1	N/A	N/A	NRODCP/COLP PSER received	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	No open items	NRC review of SER complete	
	Administrative Procedures - Initial Test Program	13.5.1.2	N/A	N/A	NRODCP/COLP PSER received	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	No open items	NRC review of SER complete	
	Operating and Emergency Operating Procedures	13.5.2.1	37(3033)	9/4/2009	NRODCP/COLP PSER received	RAI response submitted on October 19, 2009 (ML09370170)	N/A	N/A	N/A	N/A	N/A	N/A	Yes	RAI 37 (3033) 13.05.02.01-01, 13.05.02.01-02, 13.05.02.01-04, 13.05.02.01-05, 13.05.02.01-06 are confirmatory items.	NRC review of SER complete	
	Physical Security	13.6	N/A	N/A	deferred to phases 2 and 4	N/A	RAI 161 (4585) RAI 194 (5263)		04/30/2010 for 161 and 121/132010 for RAI 194		Luminant provided response to RAI 194 on January 27, 2011 (ML103100022), and Luminant provided its response on June 24, 2010. ML 101780155	RAI 194-response is 210 days.		RAI 4585 is closed, 13.6.1-9 and 44 are confirmatory items. RAI 194 is a follow-up RAI to RAI 181. RAI 194 is closed.	review complete for phase 2, now on Phase and 55 were unresolved.	RAI 194, 13.6.1-52
	Fitness for Duty	13.7	N/A	N/A	deferred to phases 2 and 4	N/A	RAI 130 (4243)	NE 06-06	17-Jan-10		On February 22, 2010, Luminant provided its responses to RAI 125, 129, 130, 131, and 132. ML 100560345	N/A		RAI 130 is closed. RAI 199 is a follow-up to RAI 130 and is closed.	technical input provided by reviewers - go to Phase 4	
	Fitness for Duty	13.7	N/A	N/A	deferred to phases 2 and 4	N/A	(RAI 132) 4246 and (RAI 131) 4244	NE 06-06	19-Jan-10		On February 22, 2010, Luminant provided its responses to RAI 125, 129, 130, 131, and 132. ML 100560345	N/A		RAIs 131 and 132 are confirmatory items.	technical input provided by reviewers - go to Phase 4	

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SRP Chap.	SRP Section Title	SRP Section	Phase 1 RAI #	Phase 1 Final RAI Issuance Date	Phase 1 Comments	Phase 1 Luminant Response Date	Phase 2 RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Phase 2 Comments	Phase 2 Luminant Response Date	Age of RAI Responses	Phase 2 Complete	Phase 2 Open Item (ML Number of chapter SER)	Phase 2 Issue SER W/ OI and ECD	Phase 2 staff Comments on RAI responses
	Fitness for Duty	13.7	N/A	N/A	deferred to phases 2 and 4	N/A	RAI 199 (5400)		25-Jan-11		On February 28, 2011, Luminant submitted its response to RAI 199 (ML110610780)	N/A		RAI 199 questions are closed.	technical input provided by reviewers - go to Phase 4	
	Cyber Security	13.8	N/A	N/A	deferred to phases 2 and 4	N/A	N/A	n	N/A		Luminant submitted cyber security plan December 2009		Yes	non public SE issued	NRC review of SER complete	
			86(553)	9/26/2009	CHPB PSER complete	Luminant provided response on 11/5/2009. See ML093100124	RAI 129 (4209)	consensus standard	17-Jan-10		On February 22, 2010, Luminant provided its responses to RAI 125, 129, 130, 131, and 132. ML100550345	N/A		RAI 166 and 129 are confirmatory items.		January-12
	Initial Plant Test Program - Construction and New License Applicants	14.2	74(3074)	9/23/2009	COVP PSER complete	Response provided on November 11, 2009; ML093220204	RAI 173 (4652)		25-Aug-10		Response to RAI 173, 184, and 186 submitted November 24, 2010. (ML10350105)	N/A		RAI 74 (3074) and 173 are closed		January-12
			75(254)	9/23/2009		Response provided on November 11, 2009; ML093220204	RAI 163 (4712)	follow up to RAI 75	19-May-10		Luminant provided its response on June 25, 2010. ML101810450. Luminant provided supplemental response on January 27, 2011 (ML110310021)	N/A		RAI 163 (4712) is closed. RAI 75 closed		January-12
			96(3790)	9/30/2009		November 11, 2009. RAI response provided on ML093205001	RAI 164 (4651)	Table 1.9-201 RG table	19-May-10		Luminant provided its response on June 25, 2010. ML101810450	N/A		RAI 164 is closed. RAI 98 is closed. follow up RAI to be issued.		January-12
	Inspections, Tests, Analyses, and Acceptance Criteria - Engineering, Tests, Inspections, Tests, Analyses, and Acceptance Criteria - Piping Systems and Components, Tests, Analyses, and Acceptance Criteria - Reactor Systems - Inspections, Tests, Analyses, and Acceptance Criteria - Instrumentation and Controls - Inspections, Tests, Analyses, and Acceptance Criteria	14.3	1 (2328)	03/30/2009	RAI response received; ML090806069	05/01/2009 ML091250488						N/A		RAI 1 is closed.		January-12
		14.3.2	N/A	N/A	SEB 1 PSER and review complete	N/A						N/A			to be determined	
		14.3.3	56(2553)	9/14/2009	EMBI PSER completed for Phase 1	RAI 56 response received 10/26/2009; ML093010366	RAI 212 (6391)		3/21/2011		response to RAI 212 submitted on April 8, 2011 (ML111010360)	RAI 212 response is 210 days		RAI 56 14.3.3-1, 2 confirmatory item, rest are closed. RAI 212 is an open item.	technical input provided by EMB	
		14.3.4	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	N/A	N/A	SRSB SER IBR		N/A	yes	No open items	technical input provided by reviewers	
		14.3.5	N/A	N/A	ICE1 PSER complete	N/A	N/A	N/A	N/A	ICE SER completed as part of chapter 7		N/A	yes	No open items	technical input provided by reviewers	
		14.3.6	N/A	N/A	EEB Review complete, PSER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	yes	No open items	technical input provided by reviewers	
	Plant Systems - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.7	N/A	N/A	N/A	N/A	RAI 177 (6027) RAI 181 (6099)		09/09/2010 for RAI 177 10/19/2010 for RAI 181		Response to RAI 181 submitted October 29, 2010 (ML103600046). Response to RAI 177 submitted October 11, 2010 (ML102861230)	RAI responses 177, 181 are 365 days		RAI 181 and 176 are follow-up to RAI 62.		October-11
	Plant Systems - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.7	N/A	N/A	N/A	N/A	RAI 220 (6755)		20-May-11		Response to RAI 220 received June 23, 2011 (ML111296052)	RAI 220 response is 150 days		RAI 220 (6755) is follow-up to RAI 63.		October-11

Part 2 Chapter 14

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SRP Chap.	SRP Section Title	SRP Section	Phase 1 RAI #	Phase 1 Final RAI Issuance Date	Phase 1 Comments	Phase 1 Luminant Response Date	Phase 2 RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Phase 2 Comments	Phase 2 Luminant Response Date	Age of RAI Responses	Phase 2 Complete	Phase 2 Open Item (ML Number of chapter SER)	Phase 2 Issue SER W/ OI and ECD	Phase 2 staff Comments on RAI responses
	Plant Systems - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.7	81(323), 82(346), 83(352)	9/25/2009 for all three RAIs	CTSB PSER complete SPCV wrote RAI 83	Response on 11/13/2009; ML06210468	RAI 174 (5004) RAI 175 (5005) RAI 176 (5029)		September 2, 2010 for RAIs 174, 175, 176		Responses to RAI 174, 175, 176 submitted October 6, 2010. ML102810223	RAI responses 174, 175, 176 are 395 days.		RAI 174, 175, 177 are follow-up to RAI 81, RAIs 81, 82, and 83 closed. RAI 83, 14.3.7-22, 25, 26, 28 are confirmatory items.		
	Radiation Protection - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.8	N/A	N/A	CHPB PSER complete	N/A						N/A				October-11
	Human Factors - Engineering, Inspections, Tests, Analyses, and Acceptance Criteria	14.3.9	N/A	N/A	COLP PSER complete, IBR	N/A	N/A	N/A	N/A	COLP SER completed IBR		N/A	Yes	No open items	Technical input provided by reviewers	August-11
	Emergency Planning - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.10	N/A	N/A	NSR/DPR/DDEP/ONRLB PSER complete	N/A	N/A	N/A	N/A			N/A	Yes		Technical input provided by reviewers	
	Containment Systems - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.11	N/A	N/A	SPCV PSER complete IBR; Other secondary reviewers.	N/A						N/A	Yes		to be determined	
	Physical Security Hardware - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.12	N/A	N/A	deferred to phases 2 and 4	N/A	RAI 211 (6494)		3/16/2011		Luminant submitted response to RAIs 210 and 211 on April 19, 2011. ML11111A102	RAI 211 response is 180 days.		review complete for phase 2, now on Phase 4.	review complete for phase 2, now on Phase 4.	
	Introduction - Transient and Accident Analysis	15	N/A	N/A	RSAC review and PSER complete	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Review of Transient and Accident Analysis Method	15.0.2	N/A	N/A	RSAC review and PSER complete	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Design Basis Accident Radiological Consequences of Analyses for Advanced Light Water Reactors	15.0.3	N/A	N/A	RSAC review and PSER complete	N/A	N/A	N/A	N/A			N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Decrease in Feed water Temperature, Increase in Feed water Flow, Increase in Steam Flow, and Inadvertent Opening of Feed Water Control Valve or Safety Valve	15.1.1-15.1.4	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR		N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Steam System Piping Failures Inside and Outside of Containment (PWR)	15.1.5	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR		N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Turbine Trip, Loss of Condenser Vacuum, and Regulator Failure (Closed)	15.2.1-15.2.5	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR		N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Loss of Nonemergency AC Power to the Station Auxiliaries	15.2.6	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR		N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Loss of Normal Feed water Flow	15.2.7	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR		N/A	YES	No open items	sent to SER writer, awaiting final DCD review	

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SRP Chap.	SRP Section Title	SRP Section	Phase 1 RAI #	Phase 1 Final RAI Insurance Date	Phase 1 Comments	Phase 1 Luminant Response Date	Phase 2 RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Insurance Date	Phase 2 Comments	Phase 2 Luminant Response Date	Age of RAI Responses	Phase 2 Complete	Phase 2 Open Item (ML Number of chapter SER)	Phase 2 Issue SER W/ OI and ECD	Phase 2 Staff Comments on RAI responses
	Feed water System Pipe Breaks inside and Outside Containment (PWR)	15.2.8	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Loss of Forced Reactor Coolant Flow Including Loss of Flow Protection and Flow Controller Malfunctions	15.3.1-15.3.2	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Reactor Coolant Pump Rotor Seize and Reactor Coolant Pump Shaft Break	15.3.3-15.3.4	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Uncontrolled Control Rod Assembly Withdrawal from a Subcritical or Low Power Startup Condition	15.4.1	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Uncontrolled Control Rod Assembly Withdrawal at Power	15.4.2	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Control Rod Misoperation (System Extension or Operator Error)	15.4.3	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Startup of an Inactive Loop or Recirculation Loop at an Inconcurrent Control Rod Withdrawal	15.4.4-15.4.5	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Indifferent Decrease in Reactor Power in the Reactor Coolant System (PWR)	15.4.6	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Indifferent Loading and Operation of a Fuel Assembly in an Improper Position	15.4.7	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Spectrum of Rod Ejection Accidents (PWR)	15.4.8	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Indifferent Operation of ECCS and Chemical and Volume Control System Malfunction that Impacts Reactor Coolant Inventory	15.5.1-15.5.2	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Radioactive Releases from a Subsystem or Component	15.5.7	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Indifferent Opening of a Component that Impacts Pressure Relief Valve	15.6.1	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Radiological Releases of Steam Generator Tube Failure	15.6.3	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Loss of Coolant Accidents Resulting From Spectrum of Postulated Piping Breaks Within the Reactor Coolant Pressure Boundary	15.6.5	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Radiation Release from a Subsystem or Component	15.7	N/A	N/A	CHPB to review. Refer to BTP 11-6 review done as part of chapter 11	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	

Comanche Peak COL Project Status Table

SRP Chap.	SRP Section Title	SRP Section	Phase 1 RAI #	Phase 1 Final RAI Insurance Date	Phase 1 Comments	Phase 1 Luminant Response Date	Phase 2 RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Insurance Date	Phase 2 Comments	Phase 2 Luminant Response Date	Age of RAI Responses	Phase 2 Complete	Phase 2 Open Item (ML Number of chapter SER)	Phase 2 Issue SER W/ Comment	Phase 2 Staff Comments on RAI responses
Part 2 Chap 16	Anticipated Transients Without Scram	15.8	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	awaiting final DCD review	
	Evaluation Models and parameters for Analysis of Radiological Consequences of Accidents	15A	N/A	N/A	SRSB review complete IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	General, Plant S/y's, Refueling & Adm Chts: Technical Specifications	16.1	903113, 910315	9/29/2009 for both RAIs	CTSB PSER complete, all secondary reviewers complete	On November 11, 2009, RAI response on ML09320501	RAI 149 (4406)		3-Mar-10		Luminant provided its response on April 5, 2010. ML100970215	N/A	YES	RAI 90, 16-1 thru 6, and -8 and 9 are confirmatory items. RAI 16-13, 14, 16 are confirmatory items.	sent to SER writer, awaiting final DCD review	
	General, Plant S/y's, Refueling & Adm Chts: Technical Specifications	16.1	120(3834)	10/9/2009	CTSB PSER complete, all secondary reviewers complete	On November 11, 2009, RAI response on ML09320501						N/A		RAI 149, question 16-19 confirmatory item. RAI 120 closed	October-11	
	S/Ls, Reactivity, Core Op Limits, & Special Ops: Technical Specifications	16.2	N/A	N/A	CTSB PSER complete	N/A	RAI 186 (5164)				Response to RAIs 173, 194, and 186 submitted on December 24, 2010. (ML103340109)	N/A		RAI 186 is closed.	October-11	
	Instrumentation: Technical Specifications	16.3	N/A	N/A	CTSB PSER complete	N/A						N/A			October-11	
	RCS & ECCS: Technical Specifications	16.4	N/A	N/A	CTSB PSER complete	N/A						N/A			October-11	
	Containment Systems: Technical Specifications	16.5	N/A	N/A	SPCV PSER complete, CTSB PSER complete	N/A						N/A			October-11	
	Electrical Power Sys: Technical Specifications	16.6	N/A	N/A	CTSB PSER complete	N/A						N/A			to be determined	
	Quality Assurance During the Design and Construction Phases	17.1	79 (2996)	9/29/2009	N/A	Luminant responded on November 13, 2009 (ML093210469)				COVA SER completed May 27, 11/16/2011	Luminant submitted Response to RAIs 182, 183, 188, and 189 on December 16, 2010. (ML10180520). Luminant submitted response on January 13, 2011. RAI 189 on 2/7/2011 (ML10389574)			RAIs 79 and 189 are closed.	sent to SER writer	
Part 2 Chap 17	Reliability Assurance Program (RAP)	17.4	923688	9/29/2009	SPLB PSER complete	RAI response provided on December 9, 2009 (ML093400887)	RAI 189 (6237)	QAPD				N/A		RAI 92, eight confirmatory items.	sent to SER writer	
	Reliability Assurance Program (RAP)	17.4	N/A	N/A	SPLB PSER complete	N/A					Response to RAIs 186 and 197 submitted on January 13, 2011. ML110530429	N/A		RAI 197 are confirmatory items.	sent to SER writer	
	Maintenance Rule	17.6	N/A	N/A	SPLB PSER complete	N/A	RAI 187 (6312)	PRA and D-5AP	1/18/2011	N/A		N/A	Yes	RAI 197 are confirmatory items.	sent to SER writer	
	HFE Program Management	18.1	N/A	N/A	COLP PSER complete, IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	
	Operating Experience Review	18.2	N/A	N/A	COLP PSER complete, IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	Yes	No open items	awaiting final DCD review	
	Functional Requirements Analysis and Function Allocation	18.3	N/A	N/A	COLP PSER complete, IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	
	Task Analysis	18.4	N/A	N/A	COLP PSER complete, IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	
	Staffing and Qualifications	18.5	N/A	N/A	COLP PSER complete, IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	Yes	No open items	sent to SER writer, awaiting final DCD review	
													Yes	No open items		
													Yes	No open items		

Comanche Peak COL Project Status Table

SRP Chap.	SRP Section Title	SRP Section	Phase 1 RAI #	Phase 1 Final RAI Issuance Date	Phase 1 Comments	Phase 1 Luminant Response Date	Phase 2 RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Phase 2 Comments	Phase 2 Luminant Response Date	Age of RAI Responses	Phase 3 Complete	Phase 2 Open Item (ML Number of chapter SER)	Phase 2 Issue SER W/ OI and ECO	Phase 2 staff Comments on RAI responses	
Part 2 Chap 19	Human Reliability Analysis	18.6	N/A	N/A	COLP PSER complete, IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	Yes	No open items	awaiting final DCD review		
	Human-System Interface Design	18.7	N/A	N/A	COLP PSER complete, IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	Yes	No open items	awaiting final DCD review		
	Procedure Development	18.8	N/A	N/A	COLP PSER complete, IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	Yes	No open items	awaiting final DCD review		
	Training Program Development	18.9	N/A	N/A	COLP PSER complete, IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	Yes	No open items	awaiting final DCD review		
	Human Factors Verification and Validation	18.1	N/A	N/A	COLP PSER complete, IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	Yes	No open items	sent to SER writer, awaiting final DCD review		
	Design Implementation	18.11	N/A	N/A	COLP PSER complete, IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	Yes	No open items	awaiting final DCD review		
	Human Performance Monitoring	18.12	N/A	N/A	COLP PSER complete, IBR	N/A	N/A	N/A	N/A	IBR	N/A	N/A	Yes	No open items	awaiting final DCD review		
	Probabilistic Risk Assessment and Severe Accident Evaluation for New Reactors	19	N/A	N/A	SEB1 and SPLA PSER complete	N/A	RAI 210 (6045)		3/15/2011		Luminant submitted response to RAI 210 and 211 on April 19, 2011. (ML11111A102)	N/A		RAI 210 is closed.	November-11 (resolving DCD issues)	Technical reviewer is resolving DCD issues.	
	Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-Informed Activities	19.1	263287/283214	08/11/2009/8/14/2009	RAI 26 response is ML092670160 on 9/22/2009; and RAI 28 response is ML092720676 on 9/24/2009	RAI 26 response is ML092670160 and RAI 28 response is ML092720676		follow up to RAI 26	5/19/2010		Luminant provided its response on June 24, 2010. ML101810138	N/A		RAIs 26 and 28 and 165 are closed.	November-11 (resolving DCD issues)	Technical reviewer is resolving DCD issues.	
	Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-Informed Activities	19.1	N/A	N/A	N/A	N/A	RAI 232 (6045)	follow up to RAI 165	10/7/2011		Luminant's response due December 9, 2011.						
Part 1 Chap 19	Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-Informed Activities	19.1	N/A	N/A	N/A	N/A	RAI 218 (6731)	RTS	5/5/2011		Luminant provided its response July 14, 2011 (ML11199A012)	N/A		RAI 218 is closed.	November-11 (resolving DCD issues)	Technical reviewer is resolving DCD issues.	
	Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-Informed Activities	19.1	603729	9/29/2009		November 11, 2009: RAI response on ML093200501	RAI 168 (4639)	follow up to RAI 28	5/20/2010		Luminant provided its response on June 24, 2010. (ML101810138) A supplemental response was provided on October 27, 2011 (ML11301A246)	RAI 93 response p 500 days old		RAI 168 is closed.	November-11 (looking at RAI 93)		
	Risk informed TS	19	N/A	N/A		N/A	RAI 230 (6001)	RAI 230 is on PWR TS	9/19/2011	Luminant submitted the TS program implementation methodology on June 30, 2011 (ML111823229)	Response to RAI 230 submitted October 21, 2011 (ML1289A124)	N/A			November-11		
	Review of Risk Information Used to Support Permanent License Renewal Applications to the Licensing Basis: General Guidance	19.2	N/A	N/A	SEB1 and SPLA PSER complete	N/A						N/A			November-11		
	Loss of large area due to fire	19.X					RAI 191	loss of large area event	November-10		Luminant submitted its response January 31, 2011 (ML110330454 letter only)	N/A		currently in Phase 4. Question 1 is confirmatory. All other closed.	September-11		
	Administrative and Financial Information	N/A	N/A	N/A	N/A	N/A	N/A	financial insurance	March 9, 2010 ML092670357	Luminant submitted draft construction operation service agreement September 1, 2010	June 10, 2010 ML101670395 for Public				September-11		
Administrative and Financial Information	N/A	N/A	N/A	N/A	N/A	N/A	foreign ownership mitigation	RAI issued October 14, 2010 ML102220164		December 16, 2010 is date of response. Public version is ML103540244.				September-11			

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SRP Chap.	SRP Section Title	SRP Section	Phase 1 RAI #	Phase 1 Final RAI Issuance Date	Phase 1 Comments	Phase 1 Luminant Response Date	Phase 2 RAI #	Phase 2 RAI Subject	Phase 2 Final RAI Issuance Date	Phase 2 Comments	Phase 2 Luminant Response Date	Age of RAI Responses	Phase 2 Complete	Phase 2 Open Item (ML Number of chapter seen)	Phase 2 Issue SER W/ OI and ECD	Phase 2 staff Comments on RAI responses
	Administrative and Financial Information	N/A		09/25/2009; ML091480089	RAI response received, dated August 31, 2009	August 31, 2009; ML09200269; ADAMS package ML092520302	N/A	financial assurance	11/23/2009; ML092931712	11/23/2009 letter was second RAI	Luminant submitted its response on January 27, 2010				September-11	
	Technical Specifications															
	Emergency Plan															
	ITAAC and License	8103203; 8203346; 8303532		9/25/2009 for all three RAIs	N/A	Response on 11/13/2009; ML060210468										
	Conditions									On June 24, 2010, Luminant provided Revision 1 to Part 11 and Rev 2 to OAPD	June 24, 2010 submittal - ML101810400					
	COLA Enclosures OAPD															

RAIs responses > 500 days old

RAI responses > 180 days old and < 365 days old

RAI responses > 365 days old and < 500 days old

RAIs responses < 180 days old

Comanche Peak COL Project Status Table

Phase 4 comments	Phase 4 RAs	RA Response dates	Phase 4 Advanced SE

Phase 4 comments	Phase 4 RAs	RA Response dates	Phase 4 Advanced SE
Provide date Luminant responds to OI and P4 SE issued to section 2.5 RGS.			
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Comanche Peak COL Project Status Table

Phase 4 comments	Phase 4 RAs	RA Response dates	Phase 4 Advanced SE
Provide date Luminant responds to OI and P4 SE issued to section 2.5 RGS			

Comanche Peak COL Project Status Table

Phase 4 comments	Phase 4 RAs	RA Response dates	Phase 4 Advanced SE
Provide date Luminant responds to OI and P4 SE issued to section 2.5 RGS			

Comanche Peak COL Project Status Table

Phase 4 comments	Phase 4 RAs	RA Response dates	Phase 4 Advanced SE
RAI response to RAI 225 (9891) revises FSRs 5.23.2.1 and 5.24.2.3.6, and 7.2.3			

Comanche Peak COL Project Status Table

Phase 4 comments	Phase 4 RAs	RA Response dates	Phase 4 Advanced SE
RA 19 is closed. 5.01-2 is open item. October 17 response did not answer staff's question.			
Supplemental response to RA 182 (518) provided 9/16/2011 ML 11294291			

Comanche Peak COL Project Status Table

Phase 4 comments	Phase 4 RAs	RA Response dates	Phase 4 Advanced SE

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Phase 4 comments	Phase 4 RAs	RA Response dates	Phase 4 Advanced SE
Staff review now in Phase 4.			
technical input being revised			
technical input being revised			

Comanche Peak COL Project Status Table

Phase 4 comments	Phase 4 RAIs	RAI Response dates	Phase 4 Advanced SE
Technical input being revised			
RAI 227 issued 5/28/2011	RAI 227 (6013)	Response to RAI 227 submitted 9/16/2011 (ML11262A295)	

Comanche Peak COL Project Status Table

Phase 4 comments	Phase 4 RAs	RA Response dates	Phase 4 Advanced SE

Comanche Peak COL Project Status Table

Phase 4 comments	Phase 4 RAs	RA Response dates	Phase 4 Advanced SE

Comanche Peak COL Project Status Table

Phase 4 comments	Phase 4 RAs	RA Response dates	Phase 4 Advanced SE

Comanche Peak COL Project Status Table

Phase 4 comments	Phase 4 RAs	RA Response dates	Phase 4 Advanced SE