

## PMComanchePeakPEm Resource

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**From:** ComanchePeakCOL Resource  
**Sent:** Wednesday, December 14, 2011 2:16 PM  
**To:** PMComanchePeakPEm Resource  
**Subject:** FW: Comanche Peak COL Project Status Files  
**Attachments:** Comanche Peak COLA project status List.pdf

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**From:** Monarque, Stephen  
**Sent:** Monday, November 28, 2011 3:09 PM  
**To:** Woodlan, Don; ComanchePeakCOL Resource; Galvin, Dennis; Kallan, Paul; Otto, Ngola; Patel, Chandu; Reyes, Ruth; Roy, Tarun; Takacs, Michael; Ward, William  
**Cc:** Conly, John; Evans, Todd; Bird, Bobby; Reible, Robert; 'nicholas\_kellenberger@mnes-us.com'; 'Russ Bywater'; 'tapia\_joseph@mnes-us.com'; MNES RAI mailbox ([cp34-rai-luminant@mnes-us.com](mailto:cp34-rai-luminant@mnes-us.com))  
**Subject:** Comanche Peak COL Project Status Files

Don,

I am sending you the project status files for Comanche Peak COL. We have our phone call this week.

Thanks,

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

**Hearing Identifier:** ComanchePeak\_COL\_Public  
**Email Number:** 1585

**Mail Envelope Properties** (0AA17736E4C4154CA37233EEBFC8DEB29CF4E905C4)

**Subject:** FW: Comanche Peak COL Project Status Files  
**Sent Date:** 12/14/2011 2:16:20 PM  
**Received Date:** 12/14/2011 2:16:22 PM  
**From:** ComanchePeakCOL Resource

**Created By:** ComanchePeakCOL.Resource@nrc.gov

**Recipients:**  
"PMComanchePeakPEm Resource" <PMComanchePeakPEm.Resource@nrc.gov>  
Tracking Status: None

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<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	725	12/14/2011 2:16:22 PM
Comanche Peak COLA project status List.pdf		165690

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**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
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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	Introduction and Chap 1 Interfaces	1	20(2218)	7/15/2009	completed, response to RAI received August 24, 2009	ML092380344 on 08/24/2009	RAI 153 (6449) RAI 154 (4454) 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. ML1144A060, May 20, 2011 is response to RAI 206.	N/A	Yes	RAI 206 is confirmatory item.	review complete	
	Introduction and Interfaces	1	N/A	N/A	N/A	N/A	RAI 236 (6135)	exception to RG 1.143.	RAI 236 issued 11/2/2011		RAI 236 response due December 7, 2011.					
	Introduction and Interfaces	1	N/A	N/A	N/A	N/A	RAI 235 (6137) RAI 154 (4454) RAI 231 (6057)	RAI 154 - review of DCD	10/31/2011 for RAI 235; 4/27/2010 for RAI 154; 9/27/2011 for RAI 231		Response to RAI 235 submitted November 14, 2011 (ML11320A182). Response to RAI 231 submitted October 10, 2011 (ML11285A241).	N/A		Review of DCD is open item 1-1. RAIs 231 and 235 are confirmatory items.		
Part 2	Introduction and Chap 1 Interfaces	1	N/A	N/A	N/A	N/A	RAI 198	Part 30, 40, and 70 licenses	14-Jan-11		Luminant provide its response on May 14, 2011 (ML11320A181). Supplemental response on November 14, 2011 (ML11320A181).	RAI 198 response is 180 days			January-12	response to bulletin 2005-01 due 12/23/2011
	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	No open items	Technical input provided by reviewers.		
	Evacuation Area Authority and Control	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	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	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	Retransmitted to RAI 30 on October 15, 2009; ML09300182.	N/A	N/A	N/A	RSAC SER and review complete		N/A	Yes	RAI 02.02.02-1 and 02.02.02-2 are confirmatory items.		
	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; ML093200321	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.		
	Evaluation of Potential Accidents	2.2.3	32 (2864)	9/3/2009	RSAC/PSER and review complete	On November 16, 2009, RAI resp. ML093200321. ML093200321	125(3868)	refugeants and applicability to RG 1.78	14/2010	RSAC SER and review complete	On February 22, 2010, Luminant provided its responses to RAIs 125, 129, 130, 131, and 132. ML100550345	N/A	Yes	RAI 02.03.01-4 is confirmatory item. RAI 125 is closed for section 6.4.		
	Regional Climatology	2.3.1	N/A	N/A	N/A	N/A	RAI 204 (6485) RAI 217 (6722)		4/27/2011 for RAI 217		Response to RAI 217 was submitted May 17, 2011 (ML1039A305). Supplemental response to RAI 217 submitted March 18, 2011 (ML110800586)	N/A		RAI 204, 2.3.1-12 and RAI 217 technical input provided by reviewers.		
	Regional Climatology	2.3.1	51(6355)	9/9/2009	RSAC/PSER and review complete	ML092990303, 10/21/09	155(4608) 195(5287)		04/27/2010 for RAI 155, 12/12/2010 for RAI 195		RAI 195 response submitted January 24, 2011 (ML110260156). RAI 195 Response provided on June 7, 2010. Supplemental response on 9/29/2010 (ML102780284) and 10/29/2010 (ML103060043).	N/A		RAI 151 is closed. RAI 195, 02.03.01-6 is confirmatory item. RAI 155 and 195 are closed.		
	Local Meteorology	2.3.2	45(6356)	9/5/2009	RSAC/PSER and review complete	RAI response submitted on October 19, 2009 (ML093370170)	157(4609)			Luminant provided a supplemental response to RAIs on February 3, 2010. ML100481138	RAI Response provided on June 7, 2010. ML101610137. Based on conference call on 8/13/2010. Luminant supplemental response on 9/29/2010 (ML102780288).	N/A		RAI 145 is closed. RAI 156, 02.03.02-4 is confirmatory item.	Technical input provided by reviewers	
	Onsite Meteorological Measurements Programs	2.3.3	32(584)	04/24/2009 ML091270429	RSAC/PSER and review complete	5/8/2009 ML091330346 for RAI 3;	157(4609)		27-Apr-10	Luminant provided a supplemental response to RAIs on February 3, 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(6357)	9/5/2009	RSAC/PSER and review complete	RAI response submitted on October 19, 2009 (ML093370170)	190 (5290)		23-Nov-10	Luminant provided its response on December 9, 2010. (ML103470144)	N/A			RAI 146 is closed. RAI 190 is also closed.	Technical input provided by reviewers	
	Short-term Dispersion Estimates for Accident Releases	2.3.4	72(6358)	9/23/2009	RSAC/PSER and review complete	Response provided on November 11, 2009; ML093200204	158(4613)		27-Apr-10	Luminant provided its response on June 25, 2010. ML101610450	N/A			RAI 158 is closed. RAI 72 is closed.	Technical input provided by reviewers	

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	Long-Term Atmospheric Dispersion Estimates for Routine Releases	2.3.5	61(3559)	9/10/2009	RSAC PSER and review complete	RAI response on 10/30/2009; ML09090163	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	
	Hydrology															
	Hydrologic Description	2.4.1	95(3675)	9/30/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705	138(4308)		2/18/2010	On March 3, 2010, Luminant submitted supporting calculations. ML100750040	Response to RAI provided July 16, 2010 ADAMS ML 102070368	RAI 138 response is 485 days	Yes	Awaiting Luminant suppl 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's
	Hydrologic Description	2.4.1	101(3663)	10/1/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705						N/A	Yes	RAI 138 is follow-up to RAI 101	Technical review completed	
	Floods	2.4.2	102(3664)	10/1/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705				On March 3, 2010, Luminant submitted supporting calculations. ML100750040	Response to RAI provided July 16, 2010 ADAMS ML 102070368	RAI 139 response is 485 days		Awaiting Luminant suppl response. RAI 138 (follow-up to RAI 102. RAI 102 is closed.		Luminant's supplemental responses in August and October 21, 2011 will be used to close out RAI's
	Probable Maximum Flood (PMF) on Streams and Rivers	2.4.3	105(3665)	10/1/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705	143(4310) RAI 188 (4225)		2/18/2010	On March 3, 2010, Luminant submitted supporting calculations. ML100750040	Response to RAI provided July 16, 2010 ADAMS ML 102070368	RAI 143 response is 485 days and RAI 188 response is 330 days		Awaiting Luminant suppl response. RAI 105 is closed. RAI 188 is follow up to RAI 102. RAI 102 is closed.		Luminant's supplemental responses in August and October 21, 2011 will be used to close out RAI's
	Potential Dam Failures	2.4.4	111(3666)	10/2/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705	144(4311)		2/21/2010	On March 3, 2010, Luminant submitted supporting calculations. ML100750040	Response to RAI provided July 16, 2010 ADAMS ML 102070368	RAI 140 response is 485 days	Yes	Awaiting Luminant suppl response. RAI 140 is follow-up to RAI 111. RAI 111 is closed.	Technical review completed	Luminant's supplemental responses in August and October 21, 2011 will be used to close out RAI's
	Probable Maximum Surge and Seiche Flooding	2.4.5	112(3667)	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. ML100750040	Response provided on April 20, 2010 (ML10120090) and August 26, 2010 (ML102440672)	N/A		RAI 144 is closed. RAI 112 is closed.	Technical review completed	
	Probable Maximum Tsunami Hazards	2.4.6	107(3668)	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(3669)	10/1/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705	147(4313)		2/21/2010	On March 3, 2010, Luminant submitted supporting calculations. ML100750040	Response on May 6, 2010 (ML101310141)	N/A	Yes	RAI 141 is closed. RAI 104 is closed.	Technical review completed	
	Coasting Water Channels and Rebarbers	2.4.8	N/A	N/A	RHEB PSER complete	N/A						N/A	Yes		Technical review completed	
	Channel Dimensions	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)	10/1/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705						N/A	Yes	RAI 103 is closed	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	Technical review completed	
	Groundwater	2.4.12	114(3672)	10/2/2009	RHEB PSER complete	November 13, 2009, RAI response on ML093230705	147 (4314)		2/26/2010	On March 3, 2010, Luminant submitted supporting calculations. ML100750040	Response provided on August 26, 2010 (ML102440672). Supplemental response provided on July 14, 2011 (ML11199A011). Supplemental response submitted on August 29, 2011 (ML11249A166)	RAI 147 responses are 485 days		Awaiting Luminant suppl response. RAI 147 is a follow up to RAI 114. RAI 114 is closed.	Technical review completed	Luminant's supplemental responses in August and October 21, 2011 will be used to close out RAI's

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	Accidental Release of Radioactive Liquid Effluents in Ground and Surface Waters	2.4.13	116 (9873)	10/6/2009	RHEB PSER complete; CHPB review complete	On November 16, 2009, RAI responses on ML093203229 (ML10262035) and ML092820486 dated 9/10/2009 (ML11242146).	145(4315)		2/26/2010	On March 9, 2010, Luminant submitted a response to RAI 145 (ML10262035). Supplemental response submitted on August 29, 2011 (ML11242146).	N/A			Awaiting Luminant supply response. RAI 145 is a follow-up to RAI 116. RAI 116 is closed. RAI 145, 2.4.13-3.6, and 7.0 are a follow-up to RAI 145 closed.		
	Technical Specifications and Emergency Operation Requirements	2.4.14	96(9874)	9/30/2009	RHEB PSER complete	November 11, 2009, RAI response on ML093200501 (ML10262035) dated 8/28/2009 and ML092820486 dated 9/10/2009	142(4316)		2/23/2010		On March 30, 2010, Luminant submitted its response to RAI 142. (ML100910094)	N/A	Yes	RAI 142 is closed. RAI 96 is closed.	Technical review completed	
	Basic Geologic and Seismic Information	2.5.1	21(3015)	7/15/2009		ML092440357, dated 8/28/2009 and ML092820486 dated 9/10/2009	RAI 179 (6052)		10-Sep-10		Response to RAI 179 submitted October 11, 2010 (ML10281283)	N/A		RAI 179 is a follow-up to RAI 21. RAI 21 and 179 are closed.	technical input received	
	Basic Geologic and Seismic Information	2.5.1	15(3080)	7/13/2009		ML092820486, dated 9/10/2009	RAI 219 (6686)		6/6/2011		Response to RAI 219 was received June 6, 2011. (ML11159A037) Supplemental response received November 7, 2011 (ML113124266)	N/A		RAI 115 is closed. RAI 219 is license condition.	technical input received	
	Basic Geologic and Seismic Information	2.5.1	14(3037)	7/13/2009	RGST PSER and RAIs are complete.	ML092440357, dated 8/28/2009 and ML092820486 response to RAI 14						N/A		RAI 14 is closed.	technical input received	
	Vibratory Ground Motion	2.5.2					RAI 168 (4725)		6/9/2010		RAI response 168 received 8/19/2010 (ML102370665). Supplemental response to RAI 168 and 170 submitted 10/21/2010 (ML102896039). Supplemental response to RAI 168 submitted October 31, 2011. (ML113140428)	N/A		RAI 168 is closed.	technical input received	
	Vibratory Ground Motion	2.5.2	11(1889)	7/17/2009	RGST PSER complete.	ML092440357, dated 8/28/2009; ML092740182, dated 9/28/2009; and ML092820486 dated 9/10/2009 responses. Responded to RAI 1 and 3 on October 28, 2009; ML093080116; Additional response on December 14, 2009 (ML093561101)		ground motion		Response on December 14, 2009 ML093561101 for RAI 11, 1 and 3. Supplemental results submitted March 3, 2010 (ML100640193). Luminant submitted replacement figure AS-7 on March 22, 2010 (ML100859278)	Response on December 14, 2009 ML093561101 for RAI 11, 1 and 3. Supplemental results submitted March 3, 2010 (ML100640193). Supplemental response to RAI 11 and 109 was provided on February 22, 2010 (ML100552093)	N/A		RAI 11 is closed.	technical input received	
	Surface Faulting	2.5.3	18(3016)	7/14/2009	RGST PSER complete.	ML092820486, dated 9/10/2009						N/A		RAI 11 is closed.	technical input received	
	Stability of Subsurface Materials and Foundations	2.5.4	N/A	N/A	N/A	N/A		reflect changes to 2.4.13	10/14/2011		Response to RAI 233 is due December 2, 2011.	N/A		RAI 18 closed	technical input received	
	Stability of Subsurface Materials and Foundations	2.5.4	22(3293)	7/17/2009	RGST PSER complete.	ML092440357, dated 8/28/2009; ML092740182, dated 9/28/2009; and ML092820486 dated 9/10/2009 provided RAI responses. Suppl RAI responses on October 28, 2009; ML093080116; Supplemental response submitted on February 22, 2011 (ML11242146).	RAI 233 (6115)				Luminant provided response on September 10, 2010 for RAI 170. Supplemental response to RAI 168 and 170 submitted 10/21/2010 (ML102896032).	N/A		RAI 223 is an open item. RAI 170 is a follow-up to RAI 22. RAI 22 and 170 are closed. RAI 2.5.4-2.22 is confirmatory item.	technical input to be received, after resolution of 2.4.13	

Comanche Peak COL Project Status Table

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	Stability of Slopes	2.5.5	19(2930)	7/14/2009	RGS1 PSER complete. All other RAI responses on September 10, 2009	ML09270102, 444d, 9/28/2009, and ML09204048 dated 9/10/2009 provided RAI responses. Responded to RAI 2.5.5-1 on October 28, 2009; ML090800116						N/A		RAI 19 is closed. 2.5.5-1 is confirmatory item.	technical input to be received, after resolution of 2.4.13	
	Seismic Classification	3.2.1	47(2738)	N/A	EMB2 PSER complete, IBR	RAI response submitted on October 19, 2009 (ML083370170)	N/A	N/A	N/A	N/A		N/A	Yes	RAI 47, 3.2.1.2 is a confirmatory item. RAI 47 is closed.	technical input provided by reviewers	
	System Quality Group Classification	3.2.2	67(2757)	9/20/2009	EMB2 PSER completed	Luminant provided response on 11/5/2009. See ML093130123	190 (6090)		27-Sep-10	RAI 180 is a follow-up to RAI 67 (ML103360234).	Response received November 18, 2010	N/A		RAI 67 is closed. RAI 180, 3.2.5 is a confirmatory item.	technical input provided by reviewers	
	Wind Loadings	3.3.1	54(2818)	9/14/2009	SEB1 PSER complete	RAI 54 response received 10/26/2009 ML09010366				On November 5, 2010, Luminant provided supplemental response to RAI 54 (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 11/5/2009. See ML093130123	150(4397)		3-Mar-10	Luminant provided its response on April 5, 2010. ML100970215		N/A		RAI 66 is closed. RAI 150 is confirmatory item.		September-11
	Internal Flood Protection for Onsite Equipment Features	3.4.1	N/A	N/A	SBPA PSER completed; RHEB secondary reviewer on file	N/A				RHEB secondary reviewer		N/A		RAI 47, 3.2.1.2 is a confirmatory item. RAI 47 is closed.		September-11
	Analysis Procedures	3.4.2	N/A	N/A	SBPA PSER and review complete	N/A						N/A		RAI 66 is closed. RAI 150 is confirmatory item.		September-11
	Internally Generated Missiles (Outside Containment)	3.5.1.1	N/A	N/A	SBPA PSER complete IBR.	N/A						N/A		RAI 12 is closed.		September-11
	Internally-Generated Missiles (Inside Containment)	3.5.1.2	N/A	N/A	SBPA PSER complete IBR	N/A						N/A		RAI 12 is closed.		September-11
	Turbine Missiles	3.5.1.3	12(2664)	7/12/2009	CEB PSER complete; RSAC secondary reviewer complete with PSER; RAI response received	ML09238043 August 24, 2009						N/A		RAI 12 is closed.		September-11
	Missiles Generated by Turbines and Extreme Winds	3.5.1.4	N/A	N/A	SBPA PSER complete IBR	N/A						N/A		RAI 12 is closed.		September-11
	Site Proximity Missiles (Excep Aircraft)	3.5.1.5	33(2875)	9/3/2009	RSAC PSER and review complete. No secondary reviewer.	RAI 09, 10/15/2009, ML09390182	N/A	N/A	N/A	RSAC SER and review complete		N/A	Yes	RAI 133 is closed.	technical input provided by reviewers	September-11
	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	Yes	No open items	technical input provided by reviewers	September-11
	Structures, Systems, and Components to be Externally Generated Missiles	3.5.2	80(2840)	9/25/2009	SBPA PSER complete	Response on 11/13/2009; ML08270466	N/A		N/A			N/A		RAI 60 is closed.		September-11
	Barrier Design Procedures	3.5.3	124(2828)	10/19/2009	SEB 1 PSER complete	Response provided on November 20, 2009; ML05290696	N/A		N/A			N/A		RAI 124 is closed		September-11
	Plant Design for Protection Against Postulated Piping Failures Outside Containment	3.6.1	N/A	N/A	SBPA PSER and review are complete. No secondary reviewer.	N/A						N/A		RAI 127 is closed.		September-11
	Determination of Rupture Locations and Dynamic Effects Associated with Postulated Rupture of Piping	3.6.2	27(2737)	9/11/2009	EMB2 Phase 1 PSER complete	ML09270160, 9/22/2009						N/A		RAI 27 is closed.	technical input provided by EMB	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.		September-11

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	Seismic Design Parameters	3.7.1	N/A	N/A	N/A	N/A	RAI 222 (6768) RAI 209 (6598)				Response to RAI 209 submitted April 8, 2011 (ML11010360). Response to RAI 222 submitted July 15, 2011 (ML112014329).	N/A		RAI 209 and 222 are closed.	to be determined	
	Seismic Design Parameters	3.7.1	55(2876)	9/14/2009	SEB 1 PSER complete	RAI 55 response received 10/26/2009; ML093010366	RAI 193 (6254) RAI 205 (6317)		10/05/2010 for RAI 193; 3/2/2011 for RAI 205		Response to RAI 193 and 193 submitted 10/27/2010 (ML110310023). Response to RAI 205 submitted March 18, 2011 (ML110800596).	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 (5121) 221 (5788)		25-Oct-10 (ML11220A306)	ON August 4, 2011, Luminant provided response for RAI 221	Response to RAI 173, 184, and 186 submitted November 24, 2010 (ML103541109). Supplemental response submitted October 25, 2011 (ML11258A173).	N/A		RAI 184 is closed. RAI 221 is confirmatory items and closed.	to be determined	
	Seismic System Analysis	3.7.2	N/A	N/A	N/A	N/A	RAI 192 (6255); RAI 226 (6547)		12/6/2010 for RAI 192; 12/27/2010 for RAI 226	RAI 226 response is due October 28, 2011	Response to RAI 192 and 193 submitted 12/27/2010 (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(2879)	9/15/2009	SEB 1 PSER complete	On November 24, 2009, RAI response was provided on ML093340448.	226 (5947) 171 (4780)		7/12/2010 for RAI 171	RAI 226 is a follow up to RAI 60	RAI 226 response received October 27, 2011 (ML11301A254). RAI 171 response received August 13, 2010 (ML102290040). 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(2883)	9/10/2009	SEB 1 PSER complete	RAI response on 10/20/2009; ML09090163	162(4714)		5/18/2010		On August 9, 2010, Luminant provided its response to RAI 162 (ML10240247).	N/A		RAI 64 are 162 are closed.	to be determined	
	Seismic Instrumentation	3.7.4	53(2814)	9/9/2009	RGST PSER complete	ML09290303 10/21/2009					Luminant provided its response on April 1, 2010, ML100950107. Luminant provided supplemental response to RAI 146 on 3/18/2011 (ML110900635).	N/A	Yes	RAI 53 is closed. RAI 146 is closed.	technical input provided by reviewers	
	Concrete Containment	3.8.1	106(2980)	10/2/2009	SEB 1 PSER complete	November 13, 2009, RAI response on ML09320705	148(4297)	concrete and tendons	2/26/2010		Luminant provided its response on April 1, 2010, ML100950107	N/A		RAI 106 (2980) is closed. 3.8.01-4, 5, 6, 7 are confirmatory items. RAI 148 (4297) 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			2/26/2010			N/A			to be determined	
	Other Seismic Category / Structures	3.8.4	108(2984)	10/2/2009	SEB 1 PSER complete	Response received December 10, 2009 (ML093480182)			5/21/2010		On August 9, 2010, Luminant provided its response to RAI 167 (ML102240247). Luminant provided supplemental response to RAI 167 on 3/18/2011 (ML110900635).	N/A		RAI 108 (3994) closed. RAI 167 closed, with exception of 3.8.4-4.	to be determined	
	Other Seismic Category / Structures	3.8.4	122(3006)	10/9/2009	SEB 1 PSER complete	Response received December 14, 2009 (ML093361123)						N/A		RAI 122 (3006) closed. RAI 185, follow-up to RAI 167, is closed. RAI 167 questions closed with -64 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 ML09320705	185 (6092)		10/25/2010		Response to RAI 185 received January 6, 2011 (ML110070395).	N/A		RAI 115, 3.8.05-3 thru 5 are confirmatory items.	to be determined	

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	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 ASME Code Class 1, 2, and 3 Components, and Component Supports, and Core Support Structures	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	
	Control Rod Drive Systems	3.9.3	84(2736)	9/25/2009	EMB1 PSER completed for Phase 1	Response on 11/13/2009; ML093210468						N/A		RAI 84 is closed.	technical input provided by reviewers	
	Reactor Pressure Vessel Internals	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	N/A	No open items	technical input provided by reviewers	
	Functional Design, Qualification, and Inservice Testing Programs, Vibration and Dynamic Restraints	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	
	Seismic/Dynamic Qual of Mech/Elec Eqpt	3.10	25(2730)	9/11/2009	EMB PSER complete, EEB secondary PSER complete.	ML092670160, 9/22/2009						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	
	Environmental Qualification of Mechanical and Electrical Equipment	3.11	57(2722)	9/14/2009	CEB PSER complete	RAI 57 response received 10/26/2009; ML093010396			9/12/2011			N/A		RAI 73 is closed. Follow up RAI 239 is due December 15, 2011.	technical input provided by reviewers	
	Environmental Qualification of Mechanical and Electrical Equipment	3.11	73(2755)	9/23/2009 for RAI 73	CEB PSER complete, EEB primary reviewer-PSER complete	Response provided on November 11, 2009; ML093262004						N/A		RAI 239 (6159)	technical input provided by reviewers	
	ASME Code Class 1, 2, and 3 Piping Systems, and their Associated Support	3.12	N/A	N/A	EMB1 PSER completed for Phase 1	November 11, 2009, RAI response on ML093200501	N/A	N/A	N/A	N/A	N/A	N/A	Yes	No open items	technical input provided by reviewers	
	Thermal and Hydraulic Design	3.13	N/A	N/A	April 2, 2009 letter incorporation of COL items from DCD. need to verify DCD; CEB PSER complete	N/A	N/A	N/A	N/A			N/A		Supplemental response to RAI 197 was provided on March 5, 2010 (ML100700263)	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			N/A	Yes	No open items	technical input provided by reviewers	
	Nuclear Design	4.3	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	N/A	N/A			N/A	Yes	No open items	technical input provided by reviewers	
	Thermal and Hydraulic Design	4.4	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	N/A	N/A			N/A	Yes	No open items	technical input provided by reviewers	
	Control Rod Drive Structure Materials	4.5.1	N/A	N/A	CEB review complete, IBR PSER complete for Phase 1	N/A	N/A	N/A	N/A			N/A	Yes	No open items	technical input provided by reviewers	
	Reactor Internal and Support Structure Materials	4.5.2	N/A	N/A	CEB PSER complete, IBR	N/A	N/A	N/A	N/A			N/A	Yes	No open items	technical input provided by reviewers	
	Functional Design of Control Rod Drive System	4.6	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	N/A	N/A			N/A	Yes	No open items	technical input provided by reviewers	
	Compliance with the Codes and Standards Rule, 10 CFR 50.55a	5.2.1.1	40(2751)	9/4/2009	CEB secondary reviewer completed PSER, EMB primary reviewer PSER completed	RAI response submitted on October 19, 2009 (ML09370170)	N/A	N/A	N/A			N/A	Yes	RAI 40 is closed.	Phase 2 completed	



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	Applicable Code Cases	5.2.1.2	41(2760), 42(2765)	09/04/2009 for both RAIs	CB secondary reviewer completed primary review PSER completed	Both RAI responses submitted on 11/05/2009. See ML09370170.	N/A	N/A	N/A	CB 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	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	N/A	4/4/2011	CIB SER March 8, 2010	Response to RAI 215 due May 9, 2011	N/A	Yes	RAI 215 is now a confirmatory item.	Phase 2 completed	
	Reactor Coolant Pressure Boundary Inservice Inspection and Testing	5.2.4	87(268)	9/26/2009	CB PSER complete, no secondary reviewer	Luminant provided response on 10/30/2009. ML09310124.	RAI 214 (6577)	SI/PS License condition	N/A	CIB SER completed February 18, 2010	Luminant submitted responses to RAIs 203 and 214 on April 18, 2011 (ML1111A101).	N/A	Yes	5.2.4-2 confirmatory item on ISI 5.2.4-1 is a confirmatory item. RAI 87.5.2.4-1 is a confirmatory item.	Phase 2 completed	
	Reactor Coolant Pressure Boundary Leakage Detection	5.2.5	58(347)	9/14/2009	SBPA PSER complete	RAI 69 response received 10/26/2009. ML093010396	127(4289)	RC leakage detection	11-Jan-10	SBPA SER complete March 26, 2010	By letter dated February 19, 2010, Luminant provided response to RAIs 127, 128 and supplemental to RAI 10. ML109550214	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)	9/10/2009	CB PSER complete, no secondary reviewer	RAI 62 and 65 responses on 10/30/2009. ML093060163	128(4200)	capsule withdraw schedule	12-Jan-10	January 26, 2010 CIB SER completed	By letter dated February 19, 2010, Luminant provided response to RAIs 127, 128 and supplemental to RAI 10. ML109550214	N/A	Yes	RAI 62 is closed. RAI 128; RAI 05.03.01-3 is a confirmatory item. RAI 65, 05.03.01-2 is a confirmatory item.	Phase 2 completed	
	Pressure-Temperature Limits, Upper-Sheff Energy, and Pressurized Thermal Shock	5.3.2	2 (2317), 8(2353)	04/01/2009	CB PSER complete RAI response received for RAI 2; response for RAI 8 received.	RAI 2 response on 5/1/2009. ML091250488; RAI 8 response on 8/7/09. ML062230162.	N/A	N/A	N/A	CB review and SER complete	N/A	N/A	Yes	RAIs 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	CB review and SER complete	N/A	N/A	Yes	No open items	Phase 2 completed	
	Reactor Coolant System Component and Subsystem Design	5.4	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	N/A	N/A	CB review and SER complete	N/A	N/A	Yes	No open items	Phase 2 completed	
	Pump Flywheel Integrity (PWI)	5.4.1.1	N/A	N/A	CB 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	
	Steam Generator Materials	5.4.2.1	N/A	N/A	CB PSER complete, IBR	N/A	N/A	N/A	N/A	CIB PSER complete, IBR	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	CIB SER provided, March 11, 2010	N/A	N/A	Yes	No open items	Phase 2 completed	
	Reactor Heat Removal (RHR) System	5.4.7	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	N/A	N/A	CIB SER provided, March 11, 2010	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	Technical input provided by reviewers
	Protective Coating Systems (Inhibitor Organic Materials)	6.1.2	13(2805), 94(3877)	07/12/2009 for RAI 13; RAI 94 issued on 9/30/2009	CB PSER complete, RAI response received.	08/24/2009 ML092380343 for RAI 13; RAI 94 response due 10/09/09. On 10/20/09, Luminant provided response to RAI 94 (ML09320501).	N/A	N/A	N/A	CIB PSER complete, IBR	N/A	N/A	Yes	RAIs 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	N/A	N/A	CIB SER March 8, 2010	N/A	N/A	Yes	RAIs 13 and 94 are closed.	Technical input provided by reviewers	
	Sub-compartment Analysis	6.2.1.2	N/A	N/A	SPCV PSER complete IBR	N/A	N/A	N/A	N/A			N/A	Yes	Technical input provided by reviewers	Technical input provided by reviewers	

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	Miss 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	
	Miss 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 Analysis for 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	
	Containment Heat Removal Systems	6.2.2	763105	N/A	SPCV/PSER complete IBR, CB secondary review also complete	Response provided November 14, 2009 on ML09516532	RAI 229 (6025)	sump cleanliness program	9/12/2011	CB SER March 8, 2010.	RAI 229 is a follow up to RAI 76. Response RAI 229 submitted October 10, 2011 (ML112954241).	RAI 76 response > 500 days	Yes	One question remains responded for RAI 76		Tech staff is resolving DCD issues (GS) 191) before closing RAI 76.
	Secondary Containment Functional Design	6.2.3	deleted	deleted	deleted	deleted						N/A				
	Containment Isolation System	6.2.4	N/A	N/A	SPCV/PSER complete IBR	N/A						N/A				
	Control Room Habilitability	6.2.5	N/A	N/A	SPCV/PSER complete IBR	N/A						N/A				
	Control Room Habilitability	6.2.6	N/A	N/A	SPCV/PSER complete IBR	N/A						N/A				
	Control Room Habilitability	6.2.7	N/A	N/A	CB PSER complete IBR	N/A	N/A	N/A				N/A	Yes	No open items	technical input provided by reviewers	
	Control Room Habilitability	6.3	N/A	N/A	SRSS/PSER complete IBR	N/A						N/A	Yes		technical input provided by reviewers	
	Control Room Habilitability	6.4	N/A	N/A	N/A	N/A	RAI 240 (6153)		11/15/2011	RAI 240 is a follow-up to RAI 172.	Response to RAI 240 is due December 20, 2011.					
	Control Room Habilitability	6.4	N/A	N/A	N/A	N/A	RAI 172 (4679) and RAI 202 (5411)	07/29/2010 for RAI 3451 (77) and RAI 125, RAI 240 (6153) follow-up to RAI 172 and RAI 125.			Response provided to RAI 172 on October 6, 2010. (ML102810224). Response to RAI 202 due March 18, 2011. Response to RAI 202, 204, and RAI 209 submitted March 16, 2011. (ML110309556)	RAI 172, 6.4.4.1 is closed item, all other questions are confirm.				for 6.4-12 Luminant has addressed staff's issue. Need to review 6.4 of DCD before addressing lack of confirmed change Verification System.
	Control Room Habilitability	6.4	N/A	N/A	N/A	N/A	RAI 216 (6652)		27-Apr-11		Response to RAI 216 submitted May 31, 2011 (ML112942359)	RAI 216 response is 180 days.				Staff wants call on NHA and mass calculated for gas after completion of DCD review.
	Control Room Habilitability	6.4	776451	9/24/2009	RSAC secondary review PSER complete; SPCV primary reviewer PSER also complete	Response provided November 12, 2009 on ML09516532	RAI 216 (6652)	refrigerants and applicability to PS-178	14/2/2010		On February 22, 2010, Luminant provided its response to RAI 172, 125, 130, 131, and 132. ML105503045	N/A		RAI 177, 6.4.4 is a confirmatory 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							Yes		technical input provided by reviewers	
	Containment Spray as a Fission Product Cleanup System	6.5.2	N/A	N/A	SPCV, RSAC, and CB completed IBR PSER completed for Phase 1	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 for Phase 1	N/A				CB SER March 8, 2010			Yes		technical input provided by reviewers	

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Chapter 7 Part 2 Chap 8	Pressure Suppression Pool as a Fission Product Cleanup System Inservice Inspection and Testing of Class 2 and 3 Components Instrumentation and Controls -- Introduction Reactor Trip System Engineered Safety Features Systems Safe Shutdown Systems Information Systems Important to Safety Interlock Systems Important to Safety Control Systems Diverse Instrumentation and Control Systems Data Communication Systems Electric Power- Introduction Offsite Power System Offsite Power System A-C Power Systems (Onsite) D-C Power Systems (Onsite) Station Blackout	6.5.5	N/A	N/A	CIB primary and RSAC secondary responses completed, IBP/PSER completed for Phase 1	N/A				CIB SER, March 8, 2010		N/A	Yes		technical input provided by reviewers			
		6.6	43(2970) 44(2971)	9/4/2009 for both RAIs	CIB PSER complete, no secondary reviewer	Both RAI responses submitted on October 19, 2009 (ML053370170)							N/A	Yes	RAIs 43 and 44 are closed.	technical input provided by reviewers		
		7.1	N/A	N/A	ICE review complete, PSER completed for Phase 1	N/A	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		
		7.2	N/A	N/A	ICE review complete, PSER completed for Phase 1	N/A	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		
		7.3	N/A	N/A	ICE review complete, PSER completed for Phase 1	N/A	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		
		7.4	4 (2504)	04/24/2009 ML091270423	RAI response received, ICE review complete, PSER completed	05/26/2009, ML091480014	N/A	N/A	N/A	N/A	ICE review complete	N/A	N/A	Yes	Yes	RAIs 4 and 5 are closed.	sent to SER writer, awaiting final DCD	
		7.5	5 (2506)	04/24/2009 ML091270419	RAI response received, ICE review complete, PSER completed	05/26/2009, ML091480014	N/A	N/A	N/A	N/A	ICE review complete	N/A	N/A	Yes	Yes	RAIs 4 and 5 are closed.	sent to SER writer, awaiting final DCD	
		7.6	N/A	N/A	ICE review complete, PSER completed for Phase 1	N/A	N/A	N/A	N/A	N/A	ICE review complete	N/A	N/A	Yes	Yes	No open items	sent to SER writer, awaiting final DCD	
		7.7	N/A	N/A	ICE review complete, PSER completed for Phase 1	N/A	N/A	N/A	N/A	N/A	ICE review complete	N/A	N/A	Yes	Yes	No open items	sent to SER writer, awaiting final DCD	
		7.8	N/A	N/A	ICE review complete, PSER completed for Phase 1	N/A	N/A	N/A	N/A	N/A	ICE review complete	N/A	N/A	Yes	Yes	No open items	sent to SER writer, awaiting final DCD	
		7.9	N/A	N/A	ICE review complete, PSER completed for Phase 1	N/A	N/A	N/A	N/A	N/A	ICE review complete	N/A	N/A	Yes	Yes	No open items	sent to SER writer, awaiting final DCD	
		8.1	9(2576)	N/A	EEB Review complete, PSER, RAI response RAI response received	8/11/2009 ML092240406	N/A	N/A	N/A	N/A	ICE review complete	Luminant submitted supplemental response (ML1123A057) and October 17, 2011 (ML1129A180).		N/A	No	RAI 9 is closed, 8.01-2 is open item. October 17 response did not answer staff's question.	Phase 2 completed	
		8.2	N/A	N/A	N/A	N/A	N/A	N/A	182 (E116)		10/19/2010			N/A		RAI 182, question 8.2-30 is an open item. Question 29 is confirmatory.	Phase 2 completed	
		8.2	24(2577)	6/30/2009	EEB Review complete, PSER, RAI response RAI response received	RAI 24 response on 9/8/09 ML062530470		N/A			4/13/2010			N/A	No	RAI 24, question 24 and RAI 152 questions 08.02-27 are confirmatory items.	Phase 2 completed	
		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						N/A	No	RAI 06.03.01-01 is a confirmatory item.	Phase 2 completed	
		8.3.2	N/A	N/A	EEB Review complete, PSER	N/A		N/A						N/A	No	Phase 2 completed	Phase 2 completed	
		8.4	N/A	N/A	EEB Review complete, PSER	N/A		N/A			10/19/2010			N/A	No	RAI 183, question 8.4-1 is confirmatory. RAI 183 is closed.	Phase 2 completed	

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	Criticality Safety of Fresh Water Storage and Handling	9.1.1	N/A	N/A	CIB and SRSB 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				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	Yes		Technical review completed	
	Overhead Heavy Load Handling Systems	9.1.5	523294	9/9/2009	SBPA PSER complete	ML02690303; 10/21/2009						N/A	Yes		Technical review completed	
	Station Service Water System	9.2.1	109(3689)	10/2/2009	SBPA PSER complete	Response provided on November 20, 2009; ML05226095				On February 22, 2010, Luminant provided supplemental response to RAI 1 and 109 (ML1005526293).		N/A	Yes	RAI 52 is confirmatory item		
	Reactor Auxiliary Cooling Water Systems	9.2.2	N/A	N/A	SBPA IBR review complete	N/A						N/A	Yes		Technical review completed	
	Mobile and Sanitary Water Systems	9.2.4	N/A	N/A	SBPA PSER complete	N/A	126(3609)	PSVS	1/4/2010		Response received February 18, 2010 (ML100540110)	N/A	Yes	RAI 126 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 16, 2009 on ML05520667	241(6773)	FS SR wet bulb	11/22/2011			N/A	Yes		RAI response due January 10, 2011	
	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						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	
	Equipment and Floor Drainage System	9.3.3	N/A	N/A	SBPA PSER IBR	N/A						N/A	Yes		Technical review completed	
	Control Room Area Ventilation System (Including Boron Recovery System)	9.3.4	N/A	N/A	CIB PSER review complete; SRSB PSER secondary review complete	N/A					RAI response to RAI 225 (5981) revised FSAR 5.2.3.2.1 and 9.3.4.2.3.3, and 12.3	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 10/20/2009; ML05090163	207 (6598)		3/10/2011		Supplemental response to RAI 63 provided on 10/28/2010 (ML103060043); Luminant provided response to RAI 207 on April 13, 2011 (ML1104A065)	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 (ML05370170)						N/A	Yes	RAI 48 is closed.	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	N/A	SPSV technical input provided by reviewers	

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	Engineered Safety Feature Ventilation System	9.4.5	110(3230)	6/02/2009 11/03/2009 ML09058069	SPSV PSER and review complete.	November 13, 2009. RAI response on ML093230705	RAI 213 (6585)				Supplemental response for RAI 110 provided on 10/29/2010 (ML10360945).	N/A		RAI 110 is closed.	SPSV technical input provided by reviewers	
	Engineered Safety Feature Ventilation System	9.4.5	123(3232)	10/9/2009	SPSV PSER and review complete.	Response provided on December 16, 2009 on ML08520687	RAI 213 (6585)		3/24/2011	Response to RAI 213 submitted May 6, 2011. (ML11300168)	Supplemental response for RAI 110 provided on 10/29/2010 (ML10360945). Response to RAI 213 submitted May 6, 2011 (ML11300168). N/A	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	
	Containment Ventilation System	9.4.6	N/A	N/A	related to SRP 9.4.5	N/A						N/A				
	Fire Protection Program	9.5.1	10(2328) 10(2332)	6/02/2009 11/03/2009 ML09058069	review RAI response, SFPB PSER complete, RAI 10 received.	RAI 1: 05/01/2009 ML091250488 RAI 10: 8/11/2009 ML092240406					By letter dated February 19, 2010, Luminant provided response to RAI 10, 127, 128 and supplemental to RAI 10. ML100550214	N/A	Yes	RAI 10 and 10 are closed.	Technical review provided by reviewers	
	Communications Systems	9.5.2	34(2764)	9/3/2009	ICEI PSER complete	RAI 34 response on October 15, 2009; ML093090162	RAI 196 (6589) RAI 173 (6587)		09/02/2010 for RAI 173; RAI 196 issued 11/29/2011	Luminant provided a supplemental response to RAI 196 on August 4, 2011. ML122629393	RAI 178 response submitted October 11, 2010. ML102681203. Response to RAI 196 submitted February 18, 2011. ML10592499	RAI 196 suppl response is 30 days.	Yes	RAI 34 and 178 are closed. RAI 196 questions 9.5.2.2-3, 4, and 2 are confirmatory items.	Technical review completed	8/4/2011 response to RAI 196.
	Lighting Systems	9.5.3	N/A	N/A	EEB IBR	N/A	N/A	N/A		EEB IBR		N/A	N/A		Technical review completed	
	Emergency Diesel Engine Fuel Oil Storage and Transfer System	9.5.4	N/A	N/A	CIB PSER complete, IBR; SBPA also reviews	N/A				CIB SER March 8, 2010		N/A	Yes		Technical review completed	
	Emergency Diesel Engine Cooling Water System	9.5.5	N/A	N/A	SBPA IBR review complete	N/A						N/A	Yes		Technical review completed	
	Emergency Diesel Engine Starting System	9.5.6	N/A	N/A	SBPA IBR review complete	N/A						N/A	Yes		Technical review completed	
	Emergency Diesel Engine Lubrication System	9.5.7	N/A	N/A	SBPA IBR review complete	N/A						N/A	Yes		Technical review completed	
	Emergency Diesel Engine Intake and Exhaust System	9.5.8	N/A	N/A	SBPA IBR review complete	N/A						N/A	Yes		Technical review completed	
	Turbine Generator	10.2	N/A	N/A	SBPA PSER complete IBR	N/A				SBPA SER complete		N/A	Yes	No open items	SER w/OI complete	
	Turbine Rotor Integrity	10.2.3	6 (2614)	04/29/2009 ML091270403	SBPA PSER complete, RAI response received	06/17/2009; ML091740112	169 (4846)		7/8/2010		Submitted August 9, 2010. ML102230154	N/A	Yes	RAI 6 and 169 are closed. No open items.	Phase 2 completed	
	Main Steam Supply System	10.3	16(2700)	7/13/2009	SBPA PSER complete, RAI response received	ML092630343; August 24, 2009	N/A	N/A	N/A	SBPA SER complete		N/A	Yes	RAI 6 and 7 are closed.	Phase 2 completed	
	Steam and Feed water System Inlet/Outlets	10.3.6	7(2513)	6/29/2009	CB and SBPA review complete for phase 1, PSER, RAI response received	RAI 7: 8/7/09; ML09230162	N/A	N/A	N/A	CIB SER complete	N/A	N/A	Yes	RAI 6 and 7 are closed.	Phase 2 completed	
	Main Condensers	10.4.1	N/A	N/A	SBPA PSER complete, IBR	N/A						N/A	Yes	RAI 6 and 7 are closed.	Phase 2 completed	
	Main Condenser Evacuation System	10.4.2	N/A	N/A	SBPA PSER complete, IBR	N/A						N/A	Yes	No open items	Phase 2 completed	
	Turbine Gland Sealing System	10.4.3	N/A	N/A	SBPA PSER complete, IBR	N/A						N/A	Yes	No open items	Phase 2 completed	
	Turbine Bypass System	10.4.4	N/A	N/A	SBPA PSER complete, IBR	N/A						N/A	Yes	No open items	Phase 2 completed	
	Circulating Water System	10.4.5	N/A	N/A	SBPA phase 1 PSER review complete	N/A				SBPA SER complete		N/A	Yes	No open items	Phase 2 completed	

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	Condensate Cleanup System	10.4.6	N/A	N/A	CIB PSER review complete, IBR	N/A	N/A	N/A	N/A	CIB SER completed March 8, 2010	N/A	N/A	Yes	No open items	Phase 2 completed	
	Condensate and Feed water System	10.4.7	N/A	N/A	SBPA PSER complete, IBR	N/A	N/A	N/A	N/A	SBPA SER completed June 4, 2010	N/A	N/A	Yes	No open items	Phase 2 completed	
	Steam Condenser Blow down System (PWR)	10.4.8	17(2708)	7/14/2009	CIB phase 1 PSER review complete, response received	ML092380344-08/24/2009	N/A	N/A	N/A	CIB SER provided, March 11, 2010	N/A	N/A	Yes	RAI 17 is closed.	Phase 2 completed	
	Auxiliary Feed water System (PWR)	10.4.9	N/A	N/A	SBPA PSER complete, IBR	N/A	N/A	N/A	N/A	SBPA SER completed June 4, 2010	N/A	N/A	Yes	No open items	Phase 2 completed	
	Source Terms	11.1	N/A	N/A	RSAC primary reviewer completed PSER, CHPB concurred, IBR	N/A	N/A	N/A	N/A		N/A	N/A			Phase 2 completed	
	Liquid Waste Management System	11.2	29 (2747)	8/14/2009	SBPA secondary reviewer completed PSER, CHPB primary review complete.	RAI 29 response, ML092726870 on 8/24/2009.			2/11/2011	received technical input from SBPA	Luminant submitted responses to RAIs 209 and 214 on April 19, 2011 (ML11110101).	N/A		RAI 29 is closed. All, except two of RAI 209 are confirmatory items.	Phase 2 completed	
	Liquid Waste Management System	11.2	48(3398)	9/7/2009	SBPA secondary reviewer completed PSER, CHPB primary review complete.	RAI response submitted on ML093370170 On November 5, 2009, revised response to RAI 48 was provided. (ML093180476)			3/10/2011	Responses to RAI 224 submitted September 29, 2011 (ML1123A165). Supplemental RAI response submitted March 7, 2011 (ML11313A103).	Response to RAI 201, 206, and 207 were submitted April 13, 2011 (ML1100A053).	N/A		RAI 49 is closed. RAI 208 is confirmatory. RAI 224 is open item.	Phase 2 completed	
	Gaseous Waste Management System	11.3	35 (2748)	9/3/2009	SBPA secondary reviewer completed PSER, CHPB primary review complete.	RAI 35 response on October 15, 2009; ML093090162					received technical input from SBPA	N/A		RAI 35 is closed.	Phase 2 completed	
	Gaseous Waste Management System	11.3	36(3400)	9/3/2009	SBPA secondary reviewer completed PSER, CHPB primary review complete.	RAI 36 response on October 15, 2009; ML093090178			1/26/2011		Luminant's response received April 11, 2011 (ML1102A115).	N/A		RAI 36 is closed. RAI 200, RAI 200 is confirmatory, rest of RAI 200 is closed.	Phase 2 completed	
	Solid Waste Management System	11.4	38(2749) 39(3401)	9/4/2009 for both RAIs	Both RAI responses submitted on October 19, 2009 (ML093370170)						received technical input from SBPA	N/A		RAI 38 is confirmatory, items RAI 39 11.04.4 is an open item	Phase 2 completed	
	Process and Effluent Sampling Systems	11.5	50(3402)	9/7/2009	CHPB, ICE, CTSB review and PSER complete.	RAI response submitted on October 19, 2009 (ML093370170)			1/26/2011		Response to RAIs 201, 206, and 207 were submitted April 13, 2011 (ML1100A053)	N/A		RAI 50 is closed. RAI 201 is closed with 1 confirm item.	Phase 2 completed	
	Process and Effluent 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	
	Assessing the Occupational Radiation Exposures As Low As Is Reasonably Achievable	12.1	118(3316)	10/5/2009	CHPB PSER complete	On November 16, 2009, RAI responses on ML093236229						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	85(3509); 88(3317)	9/29/2009 for RAI 85 and 9/29/2009 for RAI 89	CHPB PSER complete	Luminant provided response on 11/5/2009. See ML093130124 for both responses.						N/A		RAI 85 is closed. RAI 89 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 ML09320501			1/21/2010		On February 24, 2010, Luminant provided its response to RAI 133 ML100560480; Luminant provided supplemental response to RAI 133 on March 18, 2011 (ML1108008259).	N/A		RAI 99 is a confirmatory item. Both questions to RAI 133 are confirm items. RAI 1 88 is open item.	Phase 2 completed	

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Part 2 Chapter 12	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 and RAI 225 (5881)	RAI 135 (4206) and RAI 225 (5881)	10 CFR 20.1408	1/29/2010, RAI 225 issued 8/19/2011	Response to RAI 225 provided on 1/29/2010. Luminant supplemental response to RAI 135 was submitted July 28, 2011. ML 11213A098	Luminant's response submitted March 5, 2010 (ML 1007002693). On September 22, 2010, Luminant provided supplemental response to RAI 135 (ML 100670159). Second supplemental response submitted April 13, 2011 (ML 11104A052).	N/A		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. Phase 2 completed			
			100(3319)	9/30/2009 for RAI 100	CHPB PSER complete	November 11, 2009, RAI response on ML093200501	RAI 136 (4208)		2/1/2010	Luminant's response received ML 100710026 on March 9, 2010; supplemental response to RAI 136 received on March 18, 2011 (ML 110900529).	N/A		RAI 100 closed with RAI 136 as confirmatory item. RAI 138, 12.5-5 is confirm item and 12.5-6 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)					N/A		RAI 117 is confirmatory items. Phase 2 completed			
			68(2336)	9/20/2009	NRO/DCCP/COLP PSER received	Luminant provided response on 11/5/2009. See ML093130123	N/A					N/A		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(2837)	9/20/2009	NRO/DCCP/COLP PSER received	Luminant provided response on 11/5/2009. See ML093130123	N/A					N/A		RAI 69 (2837), 13.01.02-13.01.03-2, 13.01.02-1, 13.01.03-3 are confirmatory items. NRC review of SER complete			
			N/A	N/A	NRO/DCCP/COLP PSER received	N/A	N/A						N/A		No open items. NRC review of SER complete		
	Emergency Planning	13.3	70(3265);	9/20/2009	NSR/DPRD/DEP/ONRLB PSER complete	On November 18, 2009, RAI responses were provided. ML093240321	N/A					N/A		RAI 70 is a confirmatory item. NRC review of SER complete			
			76(327);	9/24/2009	NSR/DPRD/DEP/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) and RAI 137 (4572)		01/25/2010 for RAI 134 and 2/18/10 for RAI 137	Luminant submitted supplemental information on RAI 170 on 9/16/2010 (ML 102630714).	Luminant provided supplemental information on March 5, 2010 to RAI 70 clean copy of EALs on January 21, 2010 (ML 100250427).	N/A		RAI 70 is a confirmatory item. NRC review of SER complete			
	Emergency Planning	13.3	88(3183)	9/26/2009	NSR/DPRD/DEP/ONRLB PSER complete	November 16, 2009 for RAI response (ML093230239)	RAI 134 (4224) and RAI 137 (4572)					N/A		RAI 88 has 6 confirmatory items. RAI 159 has 5 confirmatory items. NRC review of SER complete			
			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 159 (4579)		27-Apr-10	Luminant provided clean copy of EALs on January 21, 2010 (ML 100250427). This submission resolved open items. Based on 9/16/10 call, Luminant provided supplemental EAL response on 9/16/10.	Response received April 12, 2010 (ML 101040259). 9/29/2010, Luminant provided supplemental response to RAI 71 (ML 102760288). Luminant provided response to RAI 187 on 11/22/2010 (ML 102680446).	N/A		RAI 71 (3592) has confirmatory items. RAI 151 and 187 are closed. draft received from SER writer.			

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	Administrative Procedures - General	13.5.1.1	N/A	N/A	NFO/DCP/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	NFO/DCP/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	RAI response submitted on October 19, 2009 (ML09370170)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	RAI 37 (3033), 13.05.02.01-01, 13.05.02.04-03, 13.05.02.01-04, 13.05.02.01-05, 13.05.02.01-06 are confirmatory items.				
	Physical Security	13.6	N/A	N/A	deferred to phases 2 and 4	N/A	RAI 151 (4585) and RAI 194 (6203)		04/30/2010 for RAI 151 and 13/20/10 for RAI 194		Luminant provided response to RAI 194 on January 27, 2011 (ML10310022). RAI 151 response on June 24, 2010. ML101780155.	RAI 194 response is 210 days		RAI 4585 is closed, 13.6.1-9 and 44 are confirmatory items. RAI 151 and RAI 194 are closed.	review complete for phase 2, now on Phase 4.	RAI 194, 13.6-4-52 are confirmatory items. RAI 151, RAI 194 is closed.		
	Fitness for Duty	13.7	N/A	N/A	deferred to phases 2 and 4	N/A	RAI 130 (4243)	NEI 06-06	17-Jan-10		On February 22, 2010, Luminant provided responses to RAI 130, 131, and 132. ML100560345	N/A		RAI 130 is closed, RAI 199 is still open 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 130, 4246 and (RAI 131) 4244	NEI 06-06	19-Jan-10		On February 22, 2010, Luminant provided its responses to RAI 125, 129, 130, 131, and 132. ML100560345	N/A		RAI 131 and 132 are confirmatory items.	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					On February 28, 2011, Luminant submitted its response to RAI 199 (ML110510780).	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	RAI 199 (5400)	cyber security license condition	25-Jan-11		Luminant submitted cyber security plan December 2009. Response to RAI 238 is due December 13, 2011.	Yes		non public-SE issued	NRC review of SER complete			
	Initial Plant Test Program for New License Applicants		86(593)	9/20/2009	CHPB PSER complete	Luminant provided response on 11/5/2009. See ML093100124		consensus standard	17-Jan-10		On February 22, 2010, Luminant provided its responses to RAI 125, 129, 130, 131, and 132. ML100560345	N/A		RAI 86 and 129 are confirmatory items.	January-12			
		74(3074)	9/23/2009	COVP PSER complete	Response provided on November 11, 2009; ML09320204				25-Aug-10		Response to RAI 173, 184, and 186 submitted November 24, 2010. (ML103301059)	N/A		RAI 74 (3074) and 173 are closed.	January-12			
		75(2954)	9/23/2009			Response provided on November 11, 2009; ML09320204		follow up to RAI 75				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		
		86(3790)	9/30/2009			November 11, 2009, RAI response provided on ML093200501		Table 19-201 RG table	19-May-10			Luminant provided its response on June 25, 2010. ML101810450	N/A		RAI 164 (4651) is closed, follow-up RAI to be issued.	January-12		
	Inspections, Tests, Analyses, and Acceptance Criteria	14.3	1 (2328)	ML09080669	RAI response received; CTSS PSER complete	06/01/2009 ML091250488						N/A		RAI 1 is closed.	January-12			
	Structural and Systems Analyses, and Acceptance Criteria	14.3.2	N/A	N/A	SEB 1 PSER and review complete	N/A						N/A						
	Piping Systems and Components Tests, Analyses, and Acceptance Criteria	14.3.3	56(2553)	9/14/2009	EMBT PSER completed for Phase 1	RAI 56 response received 10/26/2009; ML093010366	RAI 212 (6391)		3/21/2011		responses to RAI 212 submitted on April 8, 2011 (ML11010360). Supplemental response received November 8, 2011 (ML113140445).	RAI 212 response is 210 days		RAI 56, 14.3.3.1, 2 confirmatory items, rest are closed. RAI 212 is an open item.	technical input provided by EMB			



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Part 2 Chapter 14	Reactor Systems - Inspections, Tests, Analyses, and Acceptance Criteria Instrumentation and Controls - Inspections, Tests, Analyses, and Acceptance Criteria Electrical Systems - Inspections, Tests, Analyses, and Acceptance Criteria	14.3.4	N/A	N/A	SRSB PSER complete, IBR	N/A	N/A	N/A	N/A	SRSB SER IBR	N/A	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	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	N/A	Yes	No open items	technical input provided by reviewers	
	14.3.7	Plant Systems - Inspections, Tests, Analyses, and Acceptance Criteria	N/A	N/A	N/A	N/A	RAI 177 (6027), RAI 181 (6059)	08/09/2010 for RAI 177, 10/09/2010 for RAI 181	Need to have call on RAI's 174-177 and 181 to discuss COLA rev 2.	Response to RAI 181 submitted October 23, 2011 (ML10360049). Response to RAI 177 submitted October 11, 2010 (ML102881203).	RAI responses 177, 181 are 365 days.	N/A	Yes	RAI 177 and 181 are confirmatory items. RAI 181 and 176 are follow-up to RAI 82.			
	14.3.7	Plant Systems - Inspections, Tests, Analyses, and Acceptance Criteria	N/A	N/A	N/A	N/A	RAI 220 (5735)	20-May-11		Response to RAI 220 received June 23, 2011 (ML1179A072).	RAI 220 response is 150 days	N/A		RAI 220 (5755) is follow-up to RAI 83.			
	14.3.7	Plant Systems - Inspections, Tests, Analyses, and Acceptance Criteria	81(3293), 82(3386), 83(3532)	9/25/2009 for all three RAIs	CTSB PSER complete SPCV wrote RAI 83	Response on 11/13/2009; ML083210488	RAI 174 (6004), RAI 175 (6005), RAI 176 (6029)	September 2, 2010 for RAI's 174, 175, 176	Need to have call on RAI's 174-177 and 181 to discuss COLA rev 2.	Responses to RAI 174, 175, 176 submitted October 6, 2010 (ML102810223)	RAI responses 174, 175, 176 are 392 days.	N/A	Yes	RAI's 174, 175, 176, 177 are confirmatory items. RAI's 174, 175, 177 are follow-up to RAI 81. RAI's 81, 82, and 83 closed. RAI 83, 14.3.7-22, 25, 26, 28 are confirmatory items.			
	14.3.8	Radiation Protection - Inspections, Tests, Analyses, and Acceptance Criteria Human Factors - Engineering - Inspections, Tests, Analyses, and Acceptance Criteria Emergency Planning - Inspections, Tests, Analyses, and Acceptance Criteria	N/A	N/A	CHPB PSER complete	N/A	N/A	N/A	N/A			N/A	N/A			technical input provided by reviewers	
	14.3.9	Engineering - Inspections, Tests, Analyses, and Acceptance Criteria	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		
	14.3.10	Emergency Planning - Inspections, Tests, Analyses, and Acceptance Criteria	N/A	N/A	NSR/OPROD/EP/ONR/IBR PSER complete	N/A	N/A	N/A	N/A			N/A	Yes		technical input provided by reviewers		
	14.3.11	Containment Systems - Inspections, Tests, Analyses, and Acceptance Criteria	N/A	N/A	SFCV PSER complete IBR. Other secondary reviewers.	N/A	N/A	N/A	N/A			N/A	Yes		to be determined		
	14.3.12	Physical Security - Hardware - Inspections, Tests, Analyses, and Acceptance Criteria	N/A	N/A	deferred to phases 2 and 4	N/A	N/A	RAI 211 (6484)		3/16/2011	Luminant submitted response to RAI's 210 and 211 on April 19, 2011. (ML1111A102)	RAI 211 response is 150 days.	N/A	Yes	review complete for phase 2, now on 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
	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 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		RSAC SER and review complete	N/A	YES	No open items	sent to SER writer, awaiting final DCD review	
	Decrease in Feed water Temperature, Increase in Inlet Temperature, Increase in Steam Flow, and Inadvertent Opening of a Steam Generator Relief or Safety Valve	15.1.1-15.1.4	N/A	N/A	SRSBS review 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	
	Steam Station Piping Failures Inside and Outside of Containment (PWR)	15.1.5	N/A	N/A	SRSBS review 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	
	Loss of External Load, Turbine Trip, Loss of Condenser Vacuum, and Steam Pressure Regulator Failure (Closed)	15.2.1-15.2.5	N/A	N/A	SRSBS review 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	
	Loss of Nonemergency AC Power to the Station Auxiliaries	15.2.6	N/A	N/A	SRSBS review 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	
	Loss of Normal Feed water Flow	15.2.7	N/A	N/A	SRSBS review 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	
	Feed water System Pipe Breaks Inside and Outside Containment (PWR)	15.2.8	N/A	N/A	SRSBS review 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	
	Coolant Flow Including Trip of Pump Motor and Flow Controller	15.3.1-15.3.2	N/A	N/A	SRSBS review 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	
	Malfunctioning Pump	15.3.3-	N/A	N/A	SRSBS review 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	
	Rotor Seizure and Reactor Coolant Pump Shaft Break	15.3.4	N/A	N/A	SRSBS review 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	
	Uncontrolled Control Rod Withdrawal from a Subcritical or Low Power Startup Condition	15.4.1	N/A	N/A	SRSBS review 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	
	Uncontrolled Control Rod Assembly Withdrawal at Power	15.4.2	N/A	N/A	SRSBS review 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	
	Control Rod Misoperation (System Malfunction or Operator Error)	15.4.3	N/A	N/A	SRSBS review 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	
	Startup of an Inactive Loop or Recirculation Loop at an Incorrect Temperature, and Flow Controller Malfunction	15.4.4-15.4.5	N/A	N/A	SRSBS review 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	

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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
	Inadvertent Decrease in Reactor Core 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	
	Inadvertent Loading and 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	
	Inadvertent Operation of ECCS and Chemical and Volume Control System Malfunction that could result in a Loss of 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	
	Inadvertent Opening of a PWR 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 from a 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 Cooling Water (Including 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	
	Radioactive Releases from a Subsystem or Component	15.7	N/A	N/A	CHRB in review. Refer to BTP 11-4 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	
	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	sent to SER writer, awaiting final DCD review	
	Event Risk Models and Analytical Models 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/s, Refueling, & Admin Cb/s; Technical Specifications	16.1	90(3113) 91(3315)	9/29/2009 for both RAIs	CTSBS PSER complete, all secondary reviewers complete	On November 11, 2009, RAI responses on ML093200501	RAI 149 (4485)		3-Mar-10		Luminant provided its response on April 5, 2010. ML100870215	N/A	YES	RAI 90, 16-1 thru 6, and -8 and 9 are confirmatory items. RAI 91, 16-13, 14, 16 are confirmatory items.	October-11	
	General, Plant S/s, Refueling, & Admin Cb/s; Technical Specifications	16.1	120(3834)	10/5/2009	CTSBS PSER complete, all secondary reviewers complete	On November 11, 2009, RAI responses on ML093200501					RAI 149, question 16-19 confirmatory item. RAI 120 closed.	N/A	YES		October-11	
	SLS, Reactivity, Core Op Limits, & Special Op; Technical Specifications	16.2	N/A	N/A	CTSBS PSER complete	N/A	RAI 186 (5154)				Response to RAIs 173, 184, and 186 submitted November 24, 2010. (ML103340109)	N/A	YES	RAI 186 is closed.	October-11	
	Instrumentation; Technical Specifications	16.3	N/A	N/A	CTSBS PSER complete	N/A						N/A	YES		October-11	
	RCS & ECCS; Technical Specifications	16.4	N/A	N/A	CTSBS PSER complete	N/A						N/A	YES		October-11	
	Containment Systems; Technical Specifications	16.5	N/A	N/A	SFCV PSER complete. CTSBS PSER complete.	N/A						N/A	YES		to be determined	

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Part 2 Chap 17	Electrical Power Sys: Technical Specifications	16.6	N/A	N/A	CTSB PSER complete	N/A						N/A			October-11	
	Quality Assurance During the Design and Construction Phases	17.1	79 (2986)	9/25/2009	N/A	Luminant responded on November 13, 2009 (ML09270468)				COVA SER completed May 27, 2010	Luminant submitted Response to RAIs 79 and 189 on 11/18/2011 (ML10109220). Luminant submitted supplemental response to RAI 189 on 2/7/2011 (ML10390274).				sent to SER writer	
Part 2 Chap 17	Reliability Assurance Program (RAP)	17.4	92(3688)	9/29/2009	SPLB PSER complete	RAI response provided on December 9, 2009 (ML093440887)						N/A			sent to SER writer	
	Reliability Assurance Program (RAP)	17.4	N/A	N/A	SPLB PSER complete	N/A					Response to RAIs 196 and 197 submitted February 18, 2011. (ML106530429)				sent to SER writer	
Part 2 Chap 18	Maintenance Rule	17.6	N/A	N/A	SPLB PSER complete	N/A		PRA and D-RAP	1/18/2011	N/A		N/A			sent to SER writer	
	IEEE Program Management	18.1	N/A	N/A	COLP PSER complete, IBR	N/A			N/A	N/A		N/A	Yes	No open items	sent to SER writer	
Part 2 Chap 18	Operating Experience Review	18.2	N/A	N/A	COLP PSER complete, IBR	N/A			N/A	N/A		N/A	Yes	No open items	awaiting final DCD review	
	Conditions Requirements Assessment and Condition Allocation	18.3	N/A	N/A	COLP PSER complete, IBR	N/A			N/A	N/A		N/A	Yes	No open items	awaiting final DCD review	
Part 2 Chap 18	Task Analysis	18.4	N/A	N/A	COLP PSER complete, IBR	N/A			N/A	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	Yes	No open items	awaiting final DCD review	
Part 2 Chap 18	Human Reliability Analysis	18.6	N/A	N/A	COLP PSER complete, IBR	N/A			N/A	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	Yes	No open items	awaiting final DCD review	
Part 2 Chap 19	Procedure Development	18.8	N/A	N/A	COLP PSER complete, IBR	N/A			N/A	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	Yes	No open items	awaiting final DCD review	
Part 2 Chap 19	Human Factors Verification and Validation	18.1	N/A	N/A	COLP PSER complete, IBR	N/A			N/A	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	Yes	No open items	awaiting final DCD review	
Part 2 Chap 19	Human Performance Monitoring	18.12	N/A	N/A	COLP PSER complete, IBR	N/A			N/A	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			3/15/2011		Luminant submitted response to RAIs 210 and 211 on April 19, 2011. (ML11117A102)				November-11 (resolving DCD issues)	Technical reviewer is
Part 2 Chap 19	Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-Informed Activities	19.1	26(3287) 28(3214)	08/11/2009 8/14/2009	RAI 26 response is ML09270160 on 9/22/2009, and RAI 28 response is ML092720676 on 9/24/2009	RAI 26 response is ML09270160 on 9/22/2009, and RAI 28 response is ML092720676 on 9/24/2009		follow up to RAI 26	5/19/2010		Luminant provided its response on June 24, 2010. ML101810139				RAI 26 and 28 and 165 are closed.	Technical reviewer is
	Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-Informed Activities	19.1	N/A	N/A	N/A	N/A		follow up to RAI 165	10/7/2011		Luminant's response due December 9, 2011.					Technical reviewer is
Part 2 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			5/5/2011		Luminant provided its response July 14, 2011 (ML11199A012).				November-11 (resolving DCD issues)	Technical reviewer is

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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 Open Item (ML Number of chapter SER)	Phase 2 Issue SER W/ OI and ECD	Phase 2 Staff Comments on RAI responses
19.1	Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-Informed Activities	19.1	8307293	9/29/2009		November 11, 2009. RAI response on ML093200501	RAI 186 (465B)	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 (ML11307A246).	RAI 93 response > 500 days old	RAI 186 is closed.	November-11	Technical reviewer is resolving DCD issues for PRA. Staff is also looking at RAI 93
19	Risk Informed TS	19	N/A	N/A		N/A	RAI 230 (6001)	RAI 230 is on RWTS	9/19/2011	Luminant submitted the TS Program Implementation Plan on June 30, 2011 (ML111823229).	Response to RAI 230 submitted October 21, 2011 (ML11288A124).	N/A		November-11	
19.2	Review of Risk Information for Specific Changes to the Licensing Basis: General Guidance	19.2	N/A	N/A	SEB1 and SPLA/PSER complete	N/A						N/A		November-11	
19.X	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 (ML10330454 letter only)	N/A	currently in Phase 4. Question 1 is confirmatory. All other closed	September-11	
Part 1 Administrative and Financial Information		N/A	N/A	N/A		N/A	N/A	financial assurance	March 9, 2010 ML093570057	Luminant submitted draft contract agreement September 1, 2010.	June 10, 2010 ML101670095 for Public			September-11	
Part 1 Administrative and Financial Information		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.				
Part 1 Administrative and Financial Information		N/A	N/A	8/6/2009; ML091480289	RAI response received, dated August 31, 2009	August 31, 2009; ML092520269; 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	
Part 4 Technical Specifications															
Part 5 Emergency Plan															
Part 6 ITAAC and License Conditions			8102393 8263486 8363532	9/25/2009 for all three RAIs	N/A	Response on 11/13/2009; ML093210468									
Part 11 COJA E-Enclosures QAFD										On June 24, 2010, Luminant provided Revision to Part 11 and Rev 2 to QAFD	June 24, 2010 submittal - ML101010560				

RAI responses > 500 days old

RAI responses > 180 days old and < 365 days old

RAI responses > 365 days old and < 500 days old

RAI responses > 180 days old and < 365 days old

Phase 4 comments		Phase 4 DDs		RAI Response dates		Phase 4 Advanced SE	

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Phase 4 comments	Phase 4 DDIs	RAI Response dates	Phase 4 Advanced SE

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Phase 4 comments	Phase 4 IDs	RAI Response dates	Phase 4 Advanced SE
Provide date Luminant responds to OI and P4 SE issued to section 2.5 RGS.			
Provide date Luminant responds to OI and P4 SE issued to section 2.5 RGS.			
Provide date Luminant responds to OI and P4 SE issued to section 2.5 RGS.			
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Phase 4 comments	Phase 4 DDs	RAI Response dates	Phase 4 Advanced SE

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Phase 4 comments	Phase 4 DBAs	RAI Response dates	Phase 4 Advanced SE
Provide date Luminant responds to OI and PA SE issued to section 2.F.RGS.			
Provide date Luminant responds to OI and PA SE issued to section 2.F.RGS.			

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Phase 4 comments	Phase 4 DDIs	RAI Response dates	Phase 4 Advanced SE

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Phase 4 comments	Phase 4 RDs	RAI Response dates	Phase 4 Advanced SE
RAI response to RAI 205 (589) revises FSAR 5.2.3.2.1 and 9.3.4.2.3, and 12.3			

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Phase 4 comments	Phase 4 DDs	RAI Response dates	Phase 4 Advanced SE

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Phase 4 comments	Phase 4 DBAs	RAI Response dates	Phase 4 Advanced SE
RAI 9 is closed. 6.01-2 is open item. October 17 response did not answer staff's question.			
Supplemental response to RAI 182 (6116) provided 9/16/2011 MLT126A531			

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Phase 4 comments	Phase 4 DDs	RAI Response dates	Phase 4 Advanced SE

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Phase 4 comments	Phase 4 IDIs	RAI Response dates	Phase 4 Advanced SE





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Phase 4 comments	Phase 4 DDIs	RAI Response dates	Phase 4 Advanced SE

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Phase 4 comments	Phase 4 BOIs	RAI Response dates	Phase 4 Advanced SE
Staff review now in Phase 4.			
technical input being revised			
technical input being revised			
technical input being revised			
RAI 227 issued 6/26/2011	RAI 227 (6013)	Response to RAI 227 submitted 9/16/2011 (ML1262A095). RAI 227 is closed.	

Comanche Peak COL Project Status Table

Phase 4 comments	Phase 4 DDIs	RAI Response dates	Phase 4 Advanced SE

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Phase 4 comments	Phase 4 DDs	RAI Response dates	Phase 4 Advanced SE

Comanche Peak COL Project Status Table

Phase 4 comments	Phase 4 DBAs	RAI Response dates	Phase 4 Advanced SE



Comanche Peak COL Project Status Table

Phase 4 comments	Phase 4 DDs	RAI Response dates	Phase 4 Advanced SE