

PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Tuesday, July 03, 2012 9:14 AM
To: Woodlan, Don; ComanchePeakCOL Resource; Galvin, Dennis; Kallan, Paul; Otto, Ngola; Patel, Chandu; Reyes, Ruth; Roy, Tarun; Takacs, Michael; Vokoun, Patricia; Ward, William
Cc: russell_bywater@mnes-us.com; nicholas_kellenberger@mnes-us.com; Conly, John; Evans, Todd; Bird, Bobby
Subject: 2012-07-03 Comanche Peak COL Project Status Reports
Attachments: Comanche Peak COLA project status List.pdf

Don,

I am sending you the project status report for Comanche Peak COL. We have a project status call today at 1 pm.

Thanks,

Stephen Monarque
Lead Project Manager
Comanche Peak COL
NRO/DNRL/LB2
301-415-1544

Hearing Identifier: ComanchePeak_COL_Public
Email Number: 1712

Mail Envelope Properties (9C2386A0C0BC584684916F7A0482B6CA7548FD22ED)

Subject: 2012-07-03 Comanche Peak COL Project Status Reports
Sent Date: 7/3/2012 9:14:15 AM
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From: Monarque, Stephen

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Options
Priority: Standard

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Comanche Peak COL Project Status Table

| SRP Chap. | SRP Section Title | SRP Section | 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/ CI and ECD | Phase 2 staff Comments on RAI responses |
|----------------|--|-------------|---------------------------------|---|--|---|---|--|---|---|----------------------|------------------|--|---------------------------------|---|
| Part 2 Chap. 1 | Introduction and Interfaces | 1 | 20/2/2018 | completed, response to RAI received August 24, 2009 | ML092380344 on 08/24/2009 | RAI 153 (4494) RAI 154 (4494) RAI 206 (5549) | RAI 153 is DOE Contact Numbers | 04/27/2010 for RAI 153 and 2/25/2011 for RAI 206 | RAI 206 is access to prep and SCI | ML101241023 dated April 30, 2010 is response to RAI 153 and ML11144A068 May 20, 2011 is response to RAI 206. | N/A | Yes | RAIs 20 and 143 are closed. RAI 206 is confirmatory item. | review complete | |
| | Introduction and Interfaces | 1 | N/A | N/A | N/A | RAI 236 (6135) | (exception to RG 1.143 | RAI 236 issued 11/2/2011 | | RAI 236 response submitted December 6, 2011 (ML11341A121). | N/A | | RAI 236 is confirmatory item. | September-12 | |
| | Introduction and Interfaces | | N/A | N/A | N/A | RAI 261 (6527) | Fukushima | 25-Jun-12 | | May 16, 2012 letter provides due dates | | | | | |
| | Introduction and Interfaces | 1 | N/A | N/A | N/A | RAI 235 (6137) RAI 154 (4494) 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 (ML11285C241). | | | Review of DCD is open item 1-1. RAIs 231 and 235 are confirmatory items. | | |
| Part 2 Chap. 1 | Introduction and Interfaces | 1 | N/A | N/A | N/A | RAI 198, RAI 246 (6310); RAI 246 (6310) RAI 246 (6310) | Part 30, 40, and 70 licenses | 1/14/2011 for RAI 198; 2/7/2012 for RAI 246; 6/5/2012 for RAI 246 | Response to RAI 246 submitted March 9, 2012 (ML12072A337). Response to RAI 246 due July 30, 2012. | Luminant provide its response on May 6, 2011 (ML1128A156); and supplemental responses on November 14, 2011 (ML11320A181) and December 6, 2011 (Bulletin 2005-01) on public. | N/A | | RAI 198 is closed. RAI 246 is follow-up to RAI 198. | Draft received from SER writer | response to bulletin 2005-01 received December 2011 |
| | Evolution Area Authority and Control | 2.1.1 | N/A | RSAC PSER and review complete | N/A | N/A | N/A | N/A | RSAC SER and review complete | | | Yes | No open items | Draft received from SER writer | |
| | Evolution Area Authority and Control | 2.1.2 | N/A | RSAC PSER and review complete | N/A | N/A | N/A | N/A | RSAC SER and review complete | | | Yes | No open items | Draft received from SER writer | |
| | Population Distribution | 2.1.3 | N/A | RSAC PSER and review complete | N/A | N/A | N/A | N/A | RSAC SER and review complete | | | Yes | No open items | Draft received from SER writer | |
| 2.2.1 - 2.2.2 | Identification of potential hazards in site vicinity | 30(2843) | 9/3/2009 | RSAC PSER and review complete | Responded to RAI 30 on October 15, 2009; ML090900162 | N/A | N/A | N/A | RSAC SER and review complete | | N/A | Yes | RAI 30 is closed. | Draft received from SER writer | |
| 2.2.3 | Evaluation of Potential Accidents | 31 (2844) | 9/3/2009 | RSAC PSER and review complete | Responded to RAI 31 on October 15, 2009; ML090900162 | 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. | Draft received from SER writer | |
| 2.2.3 | Evaluation of Potential Accidents | 32 (2864) | 9/3/2009 | RSAC PSER and review complete | On November 18, 2008, RAI responses were provided. ML093240321 | 125(9668) | refrigerants and applicability to RG 1.76 | 14/2/2010 | RSAC SER and review complete | On February 22, 2010, Luminant provided its responses to RAIs 125, 126, 130, 131, and 132. ML10055045 | N/A | Yes | RAI 32 is closed. RAI 125 is closed for section 6.4 | Draft received from SER writer | |
| | Regional Climatology | 2.3.1 | N/A | N/A | N/A | RAI 204 (5465); RAI 217 (3722) | | 4/27/2011 for RAI 217 | | Response to RAI 217 was submitted May 17, 2011 (ML1138A305). Response to RAIs 202, 204, and 205 submitted March 16, 2011. (ML110800598) | N/A | Yes | RAIs 204 and 217 are closed. | | December-12 |

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|-----------|---|-------------|---------------|---------------------------------|-------------------------------|--|----------------|---------------------|---------------------------------|--|---|----------------------|------------------|---|---------------------------------|---|
| | Regional Climatology | 2.3.1 | N/A | N/A | N/A | N/A | RAI 242 (6193) | | 11/23/2011 | | RAI 242 response received January 9, 2012. (ML12011A026) | N/A | Yes | RAI 242 is a confirmatory item. | December-12 | |
| | Regional Climatology | 2.3.1 | 51(3555) | 9/9/2009 | RSAC PSER and review complete | ML092990303; 10/21/09 | | | | | RAI 195 response submitted January 24, 2011 (ML10280159). RAI 155 response submitted January 25, 2010. ML101610137. Luminant provided supplemental responses on 9/29/2010 (ML102780284) and 10/29/2010 (ML103060043). | N/A | Yes | RAI 51, 155, and 195 are closed. | December-12 | |
| | Local Meteorology | 2.3.2 | 45(3556) | 9/5/2009 | RSAC PSER and review complete | RAI response submitted on October 15, 2009 (ML093370170) | | | | Luminant provided a supplemental response to RAI 45 on February 5, 2010. 27-Apr-10 ML100481138 | RAI Response provided on June 7, 2010. ML101610137. Based on conference call on 6/13/2010, Luminant provided supplemental response on 9/29/2010 (ML102780288). | N/A | Yes | RAI 45 and 156 are closed. | December-12 | |
| | Onsite Meteorological Measurements Programs | 2.3.3 | 3(2584) | ML091270429 | RSAC PSER and review complete | 5/8/2009 ML091330346 for RAI 3; | | | 27-Apr-10 | | RAI Response provided on June 7, 2010. ML101610137 | N/A | Yes | RAI 3 is closed. RAI 157 is closed. | December-12 | |
| | Onsite Meteorological Measurements Programs | 2.3.3 | 46(3557) | 9/5/2009 | RSAC PSER and review complete | RAI response submitted on October 15, 2009 (ML093370170) | | | 23-Nov-10 ML100481138 | Luminant provided a supplemental response to RAI 46 on February 5, 2010. | Luminant provided its response on December 9, 2010. (ML103470144) | N/A | Yes | RAI 46 is closed. RAI 190 is also closed. | December-12 | |
| | 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; ML093320204 | | | 27-Apr-10 | | Luminant provided its response on June 25, 2010. ML101610450 | N/A | Yes | RAI 159 is closed. RAI 72 is closed. | December-12 | |
| | Long-Term Atmospheric Dispersion Estimates for Routine Releases | 2.3.5 | 61(3559) | 9/18/2009 | RSAC PSER and review complete | RAI response on 10/20/2009; ML093090183 | | | 27-Apr-10 | | RAI Response provided on June 7, 2010. ML101610137 | N/A | Yes | RAI 160 is closed. RAI 61 is closed. | December-13 | |
| | 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. ML100750040 | Response to RAI provided July 16, 2010 ADAMS ML102070359. | N/A | Yes | RAI 138 is closed. RAI 95 and 101 are 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 138 is follow-up to RAI 101 | Technical review completed | |
| | Floods | 2.4.2 | 102(3684) | 10/12/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | | | 2/18/2010 | On March 3, 2010, Luminant submitted supporting calculations. ML100750040 | Response to RAI provided July 16, 2010, ADAMS ML102070359. Supplemental response to RAI 139 provided 10/8/2010 (ML102861237), October 21, 2011 (ML11298A123), and October 27, 2011 (ML113191326). | N/A | | RAI 139 is confirmatory item. RAI 139 if follow-up to RAI 102. RAI 102 is closed. | September-13 | Luminant's supplemental responses in August and October 21, 2011 will be used to close out RAI. |

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|-----------|--|-------------|---------------|---------------------------------|--|--|---------------|---------------------|---|---|--|----------------------|------------------|--|------------------------------|---|
| | Probable Maximum Flood (PMF) on Streams and Rivers | 2.4.3 | 102(3665) | 10/12/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | | | 02/24/2010 for RAI 143; November 15, 2010 for RAI 188 | On March 3, 2010, Luminant submitted supporting calculations, ML100750040 | Response to RAI provided July 16, 2010 ADAMS ML102070358; Luminant 188 is follow up to RAI 138, 139, 140, 143. | N/A | | RAIs 188 and 143 are closed. RAI 143 is a follow-up to RAI 105. RAI 105 is closed. RAI 188 is follow up to RAI 138, 139, 140, 143. | | Luminant's supplemental responses in August and October 21, 2011 will be used to close out RAI. |
| | Potential Dam Failures | 2.4.4 | 111(3666) | 10/2/2009 | 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 ML102070358. | N/A | | RAI 140 is closed. RAI 140 is a follow up to RAI 111. RAI 111 is closed. | | Luminant's supplemental responses in August and October 21, 2011 will be used to close out RAI. |
| | Probable Maximum Surge and Seiche Flooding | 2.4.5 | 112(3667) | 10/2/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | | | 2/21/2010 | On March 3, 2010, Luminant submitted supporting calculations, ML100750040 | Response provided on April 20, 2010 ML102440672 and August 26, 2010 ML102440672. | N/A | Yes | 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 | | | 2/21/2010 | On March 3, 2010, Luminant submitted supporting calculations, ML100750040 | Response on May 6, 2010 ML101510141 | 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) | 10/1/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | | | | | | N/A | | RAI 103 is closed | September-13 | |
| | Low Water Considerations | 2.4.11 | 113(3671) | 10/2/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | | | | | | N/A | | RAI 113 closed | Technical review completed | |
| | Groundwater | 2.4.12 | 114(3672) | 10/2/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | | | | | Response provided on August 26, 2010 ML102440672; Supplemental response provided on July 14, 2011 ML11199A011; Supplemental response submitted on August 29, 2011 ML11242A146. | N/A | | RAI 147 is a follow up to RAI 114. RAI 114 is closed. Two questions for RAI 147 are closed and five are confirmatory. | September-13 | |
| | Accidental Release of Pollutants, Effluents in Ground and Surface Waters | 2.4.13 | 116(3673) | 10/5/2009 | RHEB PSER complete; CHPB review complete | On November 16, 2009, RAI response on ML093230229 | | | 2/26/2010 | On March 3, 2010, Luminant submitted supporting calculations, ML100750040 | ON September 16, 2010, Luminant submitted its response to RAI 145 ML102606035; Supplemental response submitted on August 29, 2011 ML11242A146. | N/A | | RAI 145 is a follow-up to RAI 116. RAI 116 is closed. RAI 145, 2, 5-6, and 7 are confirmatory items. | September-13 | |
| | Technical Specifications and Emergency Operation Requirements | 2.4.14 | 96(3674) | 9/30/2009 | RHEB PSER complete | November 11, 2009, RAI response on ML093206051 | | | 2/23/2010 | | On March 30, 2010, Luminant submitted response to RAI 142. ML100910084 | 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 8/26/2009; ML092740182, dated 9/10/2009; ML092820486, dated 9/10/2009 | | | | | Response to RAI 179 submitted October 11, 2010 ML102981203. | N/A | | RAI 179 is a follow-up to RAI 21. RAI 21 and 179 are closed. | Technical input received | |

Part 2 Chap 2

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|-----------|---|-------------|---------------|---------------------------------|---|--|-------------------------|---------------------------|---|---|--|--|------------------|--|---------------------------------------|---|
| | Basic Geologic and Seismic Information | 2.5.1 | 15(3080) | 7/13/2009 | | ML092820486, dated 9/10/2009 | RAI 219 (5586) | | 6/6/2011 | | Response to RAI 219 was received June 6, 2011. (ML11159A037) Supplemental response received November 7, 2011 (ML13172A266). | N/A | | RAI 15 is closed. RAI 219 is license condition. | technical input received | |
| | Basic Geologic and Seismic Information | 2.5.1 | 14(3037) | 7/13/2009 | RGS1 PSER and RAIs are complete. | ML092440357, dated 8/28/2009 provided response to RAI 14 | | | | | | N/A | | RAI 14 is closed. | technical input received | |
| | Vibratory Ground Motion | 2.5.2 | | | | | RAI 168 (4725) | | 6/2/2010 | | RAI response 168 received 8/19/2010 (ML10270865). Supplemental response to RAIs 168 and 170 submitted 10/21/2010 (ML102980032). Supplemental response to RAI 168 submitted October 31, 2011. (ML13140428) | N/A | | RAI 168 is closed. | technical input received | |
| | Vibratory Ground Motion | 2.5.2 | 11(1889) | 7/1/2009 | RGS1 PSER complete; | ML092440357 dated 8/28/2009; ML092740182, dated 9/28/2009; and ML092820486 dated 9/10/2009 provided responses. Responded to RAI 1 and 3 on October 28, 2009; ML092820486 provided RAI response on December 14, 2009 (ML093561101). | | ground motion | | Response on December 14, 2009 ML093561101 for RAI 11. Sensitivity analyses and results submitted March 3, 2010 (ML100840193). Luminant letter response dated February 22, 2010 ML100830218. | Response on December 14, 2009 ML093561101 for RAI 11. Sensitivity analyses and results submitted March 3, 2010 (ML100840193). Supplemental response to RAIs 11 and 3 was provided February 22, 2010 (ML100550203). | N/A | | RAI 11 is closed. | technical input received | |
| | Surface Faulting | 2.5.3 | 18(3016) | 7/14/2009 | RGS1 PSER complete. | ML092820486, dated 9/10/2009 | | | | | | N/A | | RAI 18 closed | technical input received | |
| | Stability of Subsurface Materials and Foundations | 2.5.4 | N/A | N/A | N/A | N/A | | | | | | | | | | |
| | Stability of Subsurface Materials and Foundations | 2.5.4 | 22(2929) | 7/17/2009 | RGS1 PSER complete, | ML092440357 dated 8/28/2009; ML092740182, dated 9/28/2009; ML092820486 dated 9/10/2009 provided RAI responses. Suppl RAI responses on October 28, 2009; ML092820486 provided RAI response on October 28, 2009. Supplemental response submitted on August 29, 2011 (ML11242A146). | RAI 233 (6115) | refined changes to 2.4.13 | 10/14/2011 | | Response to RAI 233 is submitted December 1, 2011 (ML12033A0303). | | | | | |
| | Stability of Slopes | 2.5.5 | 19(2930) | 7/14/2009 | RGS1 PSER complete. All other RAI responses on September 10, 2009 | ML092740182, dated 9/28/2009; ML092820486 dated 9/10/2009 provided RAI responses. Responded to RAI 2.5.5-1 on October 28, 2009; ML093080116 | 223 (6716) (ML09308411) | | 6/24/2011 for RAI 223, 7/8/2010 for RAI 170 | Response to RAI 223 submitted July 28, 2011. ML1213A053 | Luminant provided response on September 10, 2010 for RAI 170. Supplemental response to RAIs 168 and 170 submitted 10/21/2010 (ML102980032). | RAI 233, 2.5.4-26 response is 270 days | | RAI 223 is confirmatory item. RAI 170 is a follow-up to RAI 22. RAIs 22 and 170 are closed. 170 is closed. | September-13 | |
| | Seismic Classification | 3.2.1 | 47(2759) | N/A | EMB2 PSER complete, IBR | RAI response submitted on October 19, 2009 (ML093370170) | N/A | N/A | | | | N/A | Yes | RAI 19 is closed, 2.5.5-1 is confirmatory item. | September-13 | |
| | System Quality Group Classification | 3.2.2 | 67(2757) | 9/29/2009 | EMB2 PSER completed | Luminant provided response on 10/25/2009. See ML093130123 | 180 (6090) | | 27-Sep-10 RAI 180 is a follow-up to RAI 67 (ML103280234). | | Response received November 18, 2010 (ML103280234). | N/A | | RAI 67 is closed. RAI 180 3.2.5 is a confirmatory item. | technical input provided by reviewers | |

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|-----------|---|-------------|---------------|---------------------------------|--|--|----------------------------------|---------------------|---|---|---|----------------------|------------------|---|---------------------------------------|---|
| | Wind Loadings | 3.3.1 | 54(2818) | 9/14/2009 | SEB 1 PSER complete | RAI 54 response received 10/25/2009 ML093010386 | | | | On November 8, 2010, Luminant provided its supplemental response to RAI 2818 and 2819 (ML103130379) | | N/A | | RAI 54 is closed. | technical input provided by reviewers | |
| | Tornado Loadings | 3.3.2 | 66(2819) | 9/20/2009 | SEB 1 PSER complete | Luminant provided response on 11/5/2009. See ML093130123 | | | 3/3/2010 for RAI 150; 3/13/2012 for RAI 250 | On November 8, 2010, Luminant provided its supplemental response to RAI 2818 and 2819 (ML103130379) | Luminant provided its response on April 11, 2011 (ML11010380). On date of September 14, 2012 for RAI 250, as this RAI is linked to DCD RAI 907 and 908. | N/A | | RAI 66 is closed. RAI 150 is confirmatory item. | technical input provided by reviewers | |
| | Internal Flood Protection for Onsite Equipment Failures | 3.4.1 | N/A | N/A | SBPA PSER completed; RHEB secondary reviewer on RAI 250 | N/A | | | | RHEB secondary reviewer | | N/A | | | | |
| | Analysis Procedures | 3.4.2 | N/A | N/A | SEB 1 PSER and review complete | N/A | | | | | | N/A | | | March-12 | |
| | Internally Generated Missile (Outside Containment) | 3.5.1.1 | N/A | N/A | SBPA PSER complete IBR, monitor DCD | N/A | | | | | | N/A | | | August-12 | |
| | Externally Generated Missile (Outside Containment) | 3.5.1.2 | N/A | N/A | SBPA PSER complete IBR | N/A | | | | | | N/A | | | March-12 | |
| | Turbine Missiles | 3.5.1.3 | 12(2654) | 7/12/2009 | CIB PSER complete; RSAC secondary reviewer complete with PSER; RAI response received | ML092380343 August 24, 2009 | | | | | | N/A | | RAI 12 is closed. | | |
| | Missiles Generated by Tornadoes and Extreme Winds | 3.5.1.4 | N/A | N/A | SBPA PSER complete IBR | N/A | | | | | | N/A | | | August-12 | |
| | Site Priority Missiles (Except Aircraft) | 3.5.1.5 | 33(2875) | 9/9/2009 | RSAC PSER and review complete | RAI 33 response on 10/15/2009 ML09390162 | N/A | N/A | N/A | RSAC SER and review complete | N/A | N/A | Yes | RAI 33 is closed. | 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 Located in Externally Generated Missiles | 3.5.2 | 80(2840) | 9/25/2009 | SBPA PSER complete | Response on 11/13/2009; ML093210468 | | N/A | N/A | | N/A | N/A | | RAI 80 is closed. | technical input provided by reviewers | |
| | Barrier Design Procedures | 3.5.3 | 124(2828) | 10/9/2009 | SEB 1 PSER complete | Response provided on November 20, 2009; ML093206696 | | | | | | N/A | | RAI 124 is closed | | |
| | 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 | | | March-12 | |
| | Determination of Rupture Locations and Dynamic 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 | | RAI 27 is closed. | technical input provided by EMB | |
| | Leak-Before-Break Evaluation Procedures | 3.6.3 | N/A | N/A | CIB PSER complete, IBR | N/A | | | | | | N/A | | | August-12 | |
| | 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 (ML11010380). Response to RAI 222 submitted May 15, 2011 (ML112014329) | N/A | | RAI 209 and 222 are closed. | | |

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|-----------|---|-------------|---------------|---------------------------------|--------------------------------|---|--------------------------|----------------------|---|---|--|----------------------|------------------|---|---------------------------------------|---|
| | Seismic Design Parameters | 3.7.1 | 55(2876) | 9/14/2009 | SEB 1 PSER complete | RAI 55 response received 10/26/2009; ML093010366 | | | 12/06/2010 for RAI 193; 3/22/2011 for RAI 205 | | Response to RAI 192 and 193 submitted 1/27/2011. (ML110310023). Response to RAI 202, 204, and 205 submitted March 16, 2011. (ML11080598) | N/A | | RAIs 55 and 193 and 205 are closed. | December-13 | |
| | Seismic System Analysis | 3.7.2 | N/A | N/A | N/A | N/A | | | | ON August 4, 2011, Luminant submitted response for RAI 221 (ML1228306). Luminant sent supplemental response to RAI 221 on 10/10/2011 (ML11285A242) and 1/25/2012 (ML12038A702). | Response to RAI 173, 184, and 186 submitted 1/27/2011. (ML110310023). Response to RAI 221 submitted October 25, 2011 (ML103340109). Supplemental response to RAI 221 submitted October 25, 2011 (ML11289A173). | N/A | | RAI 184 is closed. RAI 221 is confirmatory items and closed. | December-13 | |
| | Seismic System Analysis | 3.7.2 | N/A | N/A | N/A | N/A | | | 12/8/2010 for RAI 192; 8/22/2011 for RAI 226; RAI 247 for 2/27/2012 | RAI 247 response due April 2, 2012. | 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. RAI 226 is confirmatory. RAI 247 is follow-up to RAI 226. | December-13 | |
| | Seismic System Analysis | 3.7.2 | 60(2879) | 9/15/2009 | SEB 1 PSER complete | On November 24, 2009, RAI response received on ML093340448. | 226 (6947) 171 (4760) | | 7/12/2010 for RAI 171 | RAI 226 is a follow up to RAI 60. (ML102810218). | RAI 226 response received October 27, 2011 (ML11301A254). RAI 171 response received August 13, 2010 (ML102810218). supplemental response on 10/6/2010 (ML102810218). | N/A | | RAI 60, 3.7.2, 4, 6, 9, 10, are confirmatory. RAI 60 is closed. RAI 171 is closed. | December-13 | |
| | Seismic Subsystem Analysis | 3.7.3 | 64(2883) | 9/18/2009 | SEB 1 PSER complete | RAI response on 10/30/2009; ML093090163 | 162(4714) | | 5/18/2010 | On August 9, 2010, Luminant provided its response to RAI 162 (ML102240247). | On August 9, 2010, Luminant provided its response to RAI 162 (ML102240247). | N/A | | RAI 64 are 162 are closed. | December-13 | |
| | Seismic Instrumentation | 3.7.4 | 53(2814) | 9/9/2009 | RCSI PSER complete | ML092990303 10/21/2009 | 146(4294) | CAV | 2/26/2010 | | Luminant provided its response on April 1, 2010. ML100950107. Luminant provided supplemental response to RAI 146 on 3/18/2011 (ML11080635). | N/A | Yes | RAI 53 is closed. RAI 146 is closed. | technical input provided by reviewers | |
| | Concrete Containment | 3.8.1 | 106(2890) | 10/2/2009 | SEB 1 PSER complete | November 13, 2009, RAI response on ML093230705 | 148(4297) | concrete and tendons | 2/26/2010 | | Luminant provided its response on April 1, 2010. ML100950107 | N/A | | RAI 106 (3990) is closed, 3.8.01-1,5,6,7 are confirmatory items. RAI 148 (4297) closed. | December-13 | |
| | Concrete and Steel Internal Structures of Concrete Containments | 3.8.3 | N/A | N/A | SEB 1 PSER and review complete | N/A | | | | | | N/A | | | December-13 | |
| | Other Seismic Category I Structures | 3.8.4 | 108(2894) | 10/2/2009 | SEB 1 PSER complete | Response received December 10, 2009 (ML093480182) | | | | | On August 9, 2010, Luminant provided its response to RAI 167 (ML102240247). Luminant provided supplemental response to RAI 167 on 3/18/2011 (ML11080635). | N/A | | RAI 108 (3994) closed. RAI 167 closed. | December-13 | |
| | Other Seismic Category I Structures | 3.8.4 | 122(3006) | 10/9/2009 | SEB 1 PSER complete | Response received December 14, 2009 (ML093500123) | | | 5/21/2010 | | Response to RAI 185 received January 6, 2011 (ML110070358). | N/A | | RAI 122 (3006) closed. RAI 185 follow-up to RAI 167 is now closed. RAI 167 all questions closed with 44 still being evaluated. | December-13 | |
| | Foundations | 3.8.5 | 115(2899) | 10/2/2009 | SEB 1 PSER complete | November 13, 2009, RAI response on ML093230705 | | | 10/25/2010 | | | N/A | | RAI 115, 3.8.05-3 thru 5 are confirmatory items. | December-13 | |

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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 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 Piping Components and Core Support Structures | 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 | |
| | 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 | |
| | Functional Design, Qualification, and In-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; ML093010366 | RAI 239 (6027), RAI 244 (6223) | | 9/12/2011 for RAI 244 (6223) for question 3.9.6-22 (ML12164293) | Supplemental response to RAI 244 submitted March 9, 2012 (ML12072A337). On June 13, 2012, Luminant submitted supplemental responses to RAI 239 and RAI 244. Question 3.9.6-22 (ML12164293) | Response to RAI 243, 239, 244 and 245 submitted February 27, 2012 (ML12060A378). Response to RAI 228 submitted on February 7, 2011 (ML11313A104). | RAI 228 response is 30 days old. | | RAI 57 is closed, with RAI 228 as a follow-up. RAI 228 is closed. | technical input provided by reviewers | |
| | Seismic/Dynamic Qual of Mech/Elec Eqmt | 3.10 | 25(2730) | 8/11/2009 | EMB PSER complete, EEB secondary PSER complete. | ML092670160, 9/22/2009 | | | | | technical input provided by EMB2. EEB review remaining. | N/A | | RAI 25 is closed. | technical input provided by reviewers | |
| | Environmental Qualification of Mechanical and Electrical Equipment | 3.11 | 73(2765); | 9/3/2009 for RAI 73 | CIB PSER complete; EEB primary reviewer- PSER complete | Response provided on November 11, 2009; ML093220204 | | | 11/10/2011 | Luminant's response to RAI 244 is linked to RAI 239. | Response to RAI 243, 239, 244 and 245 submitted on February 27, 2012 (ML12060A378). | RAI 239 response is 30 days old. | | RAI 73 is closed. Follow up RAI to be issued. | March-12 | |
| | 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 submitted on March 5, 2010 (ML100700283) | N/A | | CIB SE received EEB SE received RAI 97- 3.11-12 through their contractor. RAI 97 is an open item. | March-12 | |
| | 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 | 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 incorp. deletion of COL items from DCD, need to verify DCD; CIB PSER complete | N/A | N/A | N/A | N/A | CIB review complete | CIB SER 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 | N/A | Yes | No open items | sent to SER writer, awaiting final DCD | |
| | Nuclear Design | 4.3 | N/A | N/A | SRSB PSER complete, IBR | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review SER writer, awaiting final DCD | |
| | 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 | N/A | Yes | No open items | sent to SER writer, awaiting final DCD | |

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|---------------|--|-------------|----------------------|---|--|---|----------------|-----------------------------|---------------------------------|---|---|----------------------|------------------|--|---|---|
| Part 2 Chap 4 | 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 | N/A | Yes | No open items | sent to SER writer, awaiting final DCD review | |
| | Reactor Internal and Core Support Structure | 4.5.2 | N/A | N/A | CIB 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 | |
| | 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 | IBR | N/A | N/A | Yes | No open items | sent to SER writer, awaiting final DCD review | |
| | Compliance with the Codes and Standards Rule, 10 CFR 50.35a | 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 (ML093370170) | 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 SE issued | |
| Part 2 Chap 5 | 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 (ML093370170) | 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 SE issued | |
| | 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 SE issued | |
| | Reactor Coolant Pressure Boundary Materials | 5.2.3 | N/A | N/A | CIB complete, IBR PSER completed for Phase 1 | N/A | | | 4/4/2011 | CIB SER March 8, 2010 | Response to RAI 215 submitted May 2, 2011 (ML11124A022) | N/A | Yes | RAI 215 is closed. | Phase 2 SE issued | |
| | Reactor Coolant Pressure Boundary In-service Inspection and Testing | 5.2.4 | 87(2969) | 9/26/2009 | CIB PSER complete, no secondary reviewer | Luminant provided response on 11/5/2009. See ML093130124. | RAI 215 (5683) | COL 5.2(12) | | | | N/A | Yes | | | |
| Part 2 Chap 5 | Reactor Coolant Pressure Boundary Leakage Detection | 5.2.5 | 56(3457) | 9/14/2009 | SBPA PSER complete | RAI 59 response received 10/26/2009; ML093010366 | RAI 214 (5577) | RC leakage detection | | SRPB SER complete March 26, 2010 | By letter dated February 19, 2010, Luminant provided response to RAIs 127, 128 and supplemental to RAI 10. ML10055214 | N/A | Yes | RAIs 87 and 214 are closed. | Phase 2 SE issued | |
| | Reactor Vessel Materials | 5.3.1 | 62(3193) 65(3127) | 9/18/2009 | CIB PSER complete, no secondary reviewer | RAI 62 and 65 responses on 10/30/2009; ML093090163 | 127(4089) | capsule withdrawal 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. ML10055214 | N/A | Yes | RAI 59 is closed. RAI 127 is closed. | Phase 2 SE issued | |
| | Pressure-Temperature Limits, Upper-Sheaf Energy, and Pressurized Thermal Shock | 5.3.2 | 2 (2317) 8(2353) | RAI 8: 6/26/2009 RAI 2: 04/01/2009 ML09320061 | CIB 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, ML092226162. | N/A | N/A | N/A | CIB review and SER complete | N/A | N/A | Yes | RAIs 2 and 8 are closed. | Phase 2 SE issued | |
| | Reactor Vessel Integrity | 5.3.3 | N/A | N/A | CIB 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 SE issued | |
| Part 2 Chap 5 | 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 | CIB review and SER complete | N/A | N/A | Yes | No open items | Phase 2 SE issued | |
| | Pump Flywheel Integrity (PWI) | 5.4.1.1 | N/A | N/A | CIB 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 SE issued | |
| | Steam Generator Materials | 5.4.2.1 | N/A | N/A | CIB 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 SE issued | |
| | Steam Generator Program | 5.4.2.2 | N/A | N/A | CIB 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 SE issued | |
| Part 2 Chap 5 | Residual 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 SE issued | |
| | | | | | | | | | | SRSB review complete, IBR | N/A | N/A | Yes | No open items | Phase 2 SE issued | |

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|-----------|--|-------------|--------------------|---|---|--|---------------|-------------------------|---------------------------------|---------------------------|---|----------------------|------------------|---|---------------------------------------|--|
| | Pressurizer Relief Tank | 5.4.1.1 | 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 SE issued | |
| | Reactor Coolant System High Point Vents | 5.4.1.2 | 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 SE issued | |
| | Engineered Safety Features Materials | 6.1.1 | N/A | N/A | CIB PSER complete, IBR | N/A | N/A | N/A | N/A | CIB PSER complete, IBR | N/A | N/A | Yes | No open items | technical input provided by reviewers | |
| | Protective Coating Systems (Paints) - Organic Materials | 6.1.2 | 13(2805); 94(3677) | 07/12/2009 for RAI 13; RAI 94 issued on 9/30/2009 | CIB PSER complete. RAI response received. | 08/24/2009 ML092380343 for RAI 13; RAI 94 response due 11/30/2009. On 11/11/2009, Lumbrant issued response to RAI 94 (ML093200501) | | | | | | | | | | |
| | Containment Functional Design | 6.2.1 | N/A | N/A | SPCV PSER complete, IBR | 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 | 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 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 | 76(3105) | N/A | SPCV PSER complete, IBR, CIB secondary review also complete | | | ump cleanliness program | 9/12/2011 | CIB SER March 8, 2010 | RAI 229 is a follow up to RAI 76. Response RAI 229 submitted October 10, 2011 (ML1285A241). | N/A | | RAI 76 closed. Last question to RAI 76 and RAI 229 are closed. Changes to DCD have related response obsolete. | December-12 | Task staff is making DCD issues (SSI 181) before closing RAI 76. |
| | Secondary Containment Functional Design | 6.2.3 | deleted | deleted | deleted | deleted | | | | | | N/A | | | October-12 | |
| | Containment Isolation System | 6.2.4 | N/A | N/A | SPCV PSER complete, IBR | N/A | | | | | | N/A | | | October-12 | |
| | Combustible Gas Control in Containment | 6.2.5 | N/A | N/A | SPCV PSER complete, IBR | N/A | | | | | | N/A | | | October-12 | |
| | Containment Leakage | 6.2.6 | N/A | N/A | SPCV PSER complete, IBR | N/A | | | | | | N/A | | | October-12 | |
| | Failure 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 | 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 | |

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|-----------|---|-------------|----------------------|---------------------------------|---|--|--------------------------|--|---|---|---|----------------------|------------------|---|---------------------------------------|--|
| 1L | Control Room Habitability System | 6.4 | N/A | N/A | N/A | N/A | RAI 240 (6158) | | 11/15/2011 | RAI 240 is a follow-up to RAI 172. | Response to RAI 240 submitted March 29, 2012 (ML12092A002). On June 13, 2012, Luminant submitted supplemental responses to RAIS 32, 240 and 244 (ML12104391) | | | Luminant to obtain, QC and run ALOHA model. RAI 240 questions are open items. | February-13 | |
| | Control Room Habitability System | 6.4 | N/A | N/A | N/A | N/A | 172 (4678) 202 (6411) | | 07/29/2010 for RAI 172 (4678) and RAI 125 (4679). 172 (4678) and RAI 125 (4679) follow-up to RAIs 172 and 125. | RAI 172 is a follow up to RAI 171 (77) and RAI 125 (4679). 202 (6411) follow-up to RAIs 172 and 125. | Response provided to RAI 172 on October 6, 2010. (ML102810224). Response to RAI 202 due March 18, 2011. Response to RAIs 202, 204, and 201 submitted March 18, 2011. (ML110800586) | N/A | | RAIs 172 and 202 are closed. | February-13 | for 6.4-12 Luminant has addressed staff's issue. Need to review 6.4 of DCD before addressing lack of 6.4 of DCD before February-13 Ventilation system. |
| | Control Room Habitability System | 6.4 | N/A | N/A | N/A | N/A | RAI 216 (5652) | | 27-Apr-11 | | Response to RAI 216 submitted May 31, 2011 (ML11152A239). | N/A | | RAI 216 is confirmatory item. | February-13 | Staff wants call on NH4 and mass calculated for gas after 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(3968) | refrigerants and availability to RG 1.78 | 14/2010 | | On February 22, 2010, Luminant provided responses to RAIs 125, 129, 130, 131, and 132. ML100550345 | N/A | | RAIs 77 and 125 are closed item. | February-13 | |
| | ESF Atmosphere Cleanup Systems | 6.5.1 | N/A | N/A | | 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 | | N/A | | | | | | N/A | Yes | | technical input provided by reviewers | |
| | Fission Product Control Systems and Structures | 6.5.3 | N/A | N/A | | N/A | | | | CIB SER March 8, 2010 | | N/A | Yes | | technical input provided by reviewers | |
| | Pressure Suppression Pool as a Fission Product Cleanup System | 6.5.5 | N/A | N/A | | N/A | | | | | | N/A | Yes | | technical input provided by reviewers | |
| | In-service Inspection and Testing of Class 2 and 3 Components | 6.6 | 43(2070) 44(2971) | 9/4/2009 for both RAIs | CIB PSER complete, no secondary reviewer | Both RAI responses submitted on October 19, 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. BR 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. | technical input provided by reviewers | |
| | Reactor Trip System | 7.2 | N/A | N/A | ICE review complete. BR PSER completed for Phase 1 | N/A | N/A | N/A | N/A | ICE review complete | N/A | N/A | Yes | No open items | Draft received from SER writer | |
| | Engineered Safety Features Systems | 7.3 | N/A | N/A | ICE review complete. BR PSER completed for Phase 1 | N/A | N/A | N/A | N/A | ICE review complete | N/A | N/A | Yes | No open items | Draft received from SER writer | |
| | Safe Shutdown Systems | 7.4 | 4 (2504) | 04/24/2009 ML091270423 | RAI response received ICE review complete PSER | 05/26/2009, ML091480014 | N/A | N/A | N/A | ICE review complete | N/A | N/A | Yes | No open items | Draft received from SER writer | |
| | Information Systems Important to Safety | 7.5 | 5 (2506) | 04/24/2009 ML091270419 | RAI response received ICE review complete PSER completed; CHPB 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. | Draft received from SER writer | |

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|---------------|---|-------------|---------------|---------------------------------|---|---------------------------------------|---------------|---------------------|---------------------------------|-----------------------|---|----------------------|------------------|---|---------------------------------|---|
| Chapter 7 | Interlock Systems Important to Safety | 7.6 | N/A | N/A | ICE review complete BR PSER completed for Phase 1 | N/A | N/A | N/A | N/A | ICE review complete | N/A | N/A | Yes | No open items | Draft received from SER writer | |
| | Control Systems | 7.7 | N/A | N/A | ICE review complete BR PSER completed for Phase 1 | N/A | N/A | N/A | N/A | ICE review complete | N/A | N/A | Yes | No open items | Draft received from SER writer | |
| | Diverse Instrumentation and Control Systems | 7.8 | N/A | N/A | ICE review complete BR PSER completed for Phase 1 | N/A | N/A | N/A | N/A | ICE review complete | N/A | N/A | Yes | No open items | Draft received from SER writer | |
| | Data Communication Systems | 7.9 | N/A | N/A | ICE review complete BR PSER completed for Phase 1 | N/A | N/A | N/A | N/A | ICE review complete | N/A | N/A | Yes | No open items | Draft received from SER writer | |
| Chapter 8 | Electric Power - Introduction | 8.1 | 9(2576) | N/A | EEB Review PSER complete; RAI response received | 8/11/2009 ML092240406 | | | | | Luminant submitted supplemental response on August 9, 2011 (ML11223A057) and October 17, 2011 (ML11291A180). | N/A | No | RAI 9 is closed. October 17, 2011 response did not answer staff's question. | | |
| | Offsite Power System | 8.2 | N/A | N/A | N/A | N/A | | | 10/19/2010 | | Luminant submitted Response to RAs 182, 183, 188, and 189 on December 16, 2010. (ML110180520) | N/A | | RAI 182, questions 8.2-30 and 29 are confirmatory. | | |
| | 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 ML092530470 | | | | | Response to RAI 152 submitted on May 16, 2010. ML107400030 | N/A | No | RAI 24, question 24 and RAI 152 questions 08.02-27 are confirmatory items. | | |
| | 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 ML092530470 | | | 4/13/2010 | | | N/A | No | RAI 08.03.01-01 is a confirmatory item. | | |
| 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 | | | |
| | Station Blackout | 8.4 | N/A | N/A | EEB Review complete, PSER | N/A | | | | | Luminant submitted Response to RAs 182, 183, 188, 189 - December 16, 2010(ML110180520). Submitted supplemental response to RAI 183 on March 23, 2011 (ML110840022). | N/A | | RAI 183, question 8.4-1 is confirmatory. RAI 183 is closed. | | |
| | Criticality Safety of Fresh and Spent Fuel Storage and Handling | 9.1.1 | N/A | N/A | CIB and SRSB PSERs complete IBS | N/A | | | | CIB SER March 8, 2010 | | N/A | | | Technical review completed | |
| | New and Spent Fuel Storage | 9.1.2 | N/A | N/A | SBPA IBS review complete IBS, CIB PSER complete | N/A | | | | CIB SER March 8, 2010 | BP SE complete | N/A | | | Technical review completed | |
| Part 2 Chap 8 | 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 | | | | | N/A | yes | | Technical review completed | |
| | Light Load Handling System (Related to Refueling) | 9.1.4 | N/A | N/A | SBPA IBS review complete | N/A | N/A | | | | | N/A | yes | | Technical review completed | |

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|-----------|--|-------------|---------------|---------------------------------|---|--|------------------------|---------------------|--|--|---|----------------------------------|------------------|--|--|---|
| | Overhead Heavy Load Handling Systems | 9.1.5 | 52(3294) | 9/9/2009 | SBPA PSER complete | ML09290303; 10/21/2009 | N/A | | | | On June 13, 2012, Luminant submitted question 9.1.5-1, 240 and 244 (ML1216A291). | N/A | Yes | RAI 52 is confirmatory item | Technical review completed | |
| | Station Service Water System | 9.2.1 | 109(3698) | 10/2/2009 | SBPA PSER complete | Response provided on November 20, 2009; ML093280698 | 251 (6348) | | 3/13/2012 for RAI 251 | On February 22, 2010, Luminant provided supplemental response to RAI 11 and 109 (ML100560203). | Response for RAI 251 submitted May 31, 2012 (ML12153A237) | N/A | | On August 20, 2011, RAI 109 closed due to DCD, Revision 3. Follow-up RAI to be issued. | June-12 | |
| | Reactor Auxiliary Cooling Water Systems | 9.2.2 | N/A | N/A | SBPA IBR review complete | N/A | | | | | | N/A | Yes | | Technical review completed | |
| | Potable and Sanitary Water Systems | 9.2.4 | N/A | N/A | SBPA PSER complete | N/A | 126(3909) | PSWS | 1/4/2010 | N/A | Response received February 18, 2010 (ML100540110) | N/A | Yes | RAI 126 is closed. | 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 ML093526607 | 241 (6173); 252 (6358) | TS SR wet bulb | 11/22/2011 for RAI 241 and 3/30/2012 submitted June 7, 2012 (ML12163A012). | Response for RAI 252 was submitted June 7, 2012 (ML12163A012). | RAI response submitted January 24, 2012, ML12025A271 | RAI 241 response at 90 days old. | Yes | On August 20, 2011, RAI 121 closed due to DCD, Revision 3. Follow-up RAI to be issued. | June-12 | |
| | 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 | |
| | 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 PSER complete | N/A | Yes | | Technical review completed | |
| | Process and Post-accident Sampling System | 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; SPSB PSER secondary review complete | N/A | | | | | RAI response to RAI 225 (5981) revises FSAF 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) | 9/18/2009 | SPSV PSER and review complete | RAI responded on 10/30/2009; ML093090163 | 207 (5598) | | 3/10/2011 | | Supplemental response to RAI 63 provided on 10/29/2010 (ML103060043). Luminant provided response to RAI 207 on April 13, 2011 (ML1104A255). | N/A | | | 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 | N/A | Yes | RAIs 63 and 207 are closed. | 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 (ML093370170) | | | | | | N/A | | 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 | 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) | 10/22/2009 | SPSV PSER and review complete, | November 13, 2009; RAI response on ML093230705 | RAI 243 (6124) | 12/14/2011 | | | Supplemental response for RAI 110 provided on 10/29/2010 (ML103060043). Response to RAI 243, 239, 244 and 245 submitted February 27, 2012 (ML12060A378). | RAI 243 Response is 30 days | | RAI 110 is closed. RAI 243 is a defect in PSER. RAI 239, 244 and 245 are being evaluated, all other questions are confirmatory items. | | |
| | 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 ML093520667 | | | | | Supplemental response for RAI 110 provided on 10/29/2010 (ML103060043). Response to RAI 213 submitted May 6, 2011. (ML111300166) | N/A | | RAIs 123 and RAI 213 are closed. | | |
| | Containment Ventilation System | 9.4.6 | N/A | N/A | related to SRP 9.4.5 | N/A | RAI 213 (5585) | | 3/24/2011 | | | N/A | | | SPSV technical input provided by reviewers | |
| | Fire Protection Program | 9.5.1 | 10(2328) 1(2332) | 6/30/2009 1:03/30/2009 | see RAI 1 (2328) SFPB 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 17, 18 and supplemental to RAI 10. ML105529114 | N/A | Yes | RAIs 1 and 10 are closed. | technical review provided by reviewers | |
| | Communications Systems | 9.5.2 | 34(2764) | 9/3/2009 | ICE1 PSER complete | RAI 34 response on October 15, 2009; ML093090162 | RAI 196 (5369) RAI 178 (4957) | | 09/09/2010 for RAI 178; RAI 196 issued 1/14/2011 | Luminant provided a supplemental response to RAI 196 on August 4, 2011. ML11220A305 | RAI 178 response submitted October 11, 2010. ML102861203. Response to RAI 196 submitted February 18, 2011. ML110530429 | N/A | Yes | RAIs 34 and 178 are closed. RAI 196 questions 9.5.2-4 is confirmatory item. | technical review provided by reviewers | 8/4/2011 response to RAI 196 hit mark |
| | Lighting Systems | 9.5.3 | N/A | N/A | EEB IBR | N/A | N/A | N/A | | EEB IBR | | N/A | 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 | SPBA IBR review complete | N/A | | | | | | N/A | Yes | | Technical review completed | |
| | Emergency Diesel Engine Starting System | 9.5.6 | N/A | N/A | SPBA IBR review complete | N/A | | | | | | N/A | Yes | | Technical review completed | |
| | Emergency Diesel Engine Lubrication System | 9.5.7 | N/A | N/A | SPBA IBR review complete | N/A | | | | | | N/A | Yes | | Technical review completed | |
| | Emergency Diesel Engine Combustion Air Intake and Exhaust System | 9.5.8 | N/A | N/A | SPBA 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 | Phase 2 SE issued | |
| | Turbine Rotor Integrity | 10.2.3 | 6 (2814) | 6/29/2009 ML091270403 | CIB PSER complete, | 06/17/2009; ML091740112 | 169 (4846) | | 7/8/2010 | | Submitted August 9, 2010 ML102230154 | N/A | Yes | RAIs 6 and 169 are closed. No open items. | Phase 2 SE issued | |
| | Main Steam Supply System | 10.3 | 16(2700) | 7/13/2009 | SBPA PSER complete, RAI response received. | ML092390343; August 24, 2009 | N/A | N/A | N/A | SBPA SER complete | | N/A | Yes | RAIs 16 and 7 are closed. | Phase 2 SE issued | |
| | Steam and Feed water System Materials | 10.3.6 | 7(2513) | 6/26/2009 | CIB and SBPA review complete for phase 1. PSER; RAI response received | RAI 7: 8/7/09; ML092230162 | N/A | N/A | N/A | CIB SER complete | N/A | N/A | Yes | RAIs 16 and 7 are closed. | Phase 2 SE issued | |

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|------------|---|-------------|-------------------|---------------------------------|---|---|------------------------------|---------------------|---------------------------------|---|---|----------------------|------------------|--|---------------------------------|---|
| Chapter 10 | Main Condensers | 10.4.1 | N/A | N/A | SBPA PSER complete, IBR | N/A | N/A | N/A | N/A | SBPA SER complete | | N/A | Yes | No open items | Phase 2 SE issued | |
| | Main Condenser Evacuation System | 10.4.2 | N/A | N/A | SBPA PSER complete, IBR | N/A | N/A | N/A | N/A | SBPA SER complete | | N/A | Yes | No open items | Phase 2 SE issued | |
| | Turbine Gland Sealing System | 10.4.3 | N/A | N/A | SBPA PSER complete, IBR | N/A | N/A | N/A | N/A | SBPA SER complete | | N/A | Yes | No open items | Phase 2 SE issued | |
| | Turbine Bypass System | 10.4.4 | N/A | N/A | SBPA PSER complete, IBR | N/A | N/A | N/A | N/A | SBPA SER complete | | N/A | Yes | No open items | Phase 2 SE issued | |
| | Circulating Water System | 10.4.5 | N/A | N/A | SBPA phase 1 PSER review complete | N/A | N/A | N/A | N/A | SBPA SER complete | | N/A | Yes | No open items | Phase 2 SE issued | |
| | Condensate Cleanup | 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 | Yes | No open items | Phase 2 SE issued | |
| | 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 SE issued | |
| | Steam Generator 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 SE issued | |
| | 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 SE issued | |
| | Source Terms | 11.1 | N/A | N/A | RSAC primary reviewer completed PSER, CHPB concurred, IBR | N/A | N/A | | | | | | N/A | | Phase 2 SE issued | |
| Chapter 11 | Liquid Waste Management System | 11.2 | 29 (2747) | 8/14/2009 | SBPA secondary reviewer completed PSER, CHPB primary review complete. | RAI 29 response ML092720676 on 9/24/2009. | RAI 203 (6374) | | 2/11/2011 | Response to RAI 224 submitted April 13, 2011 (ML11273A165). Supplemental RAI response submitted November 7, 2011 (ML11319A103). | Luminant submitted response to RAI 203 and 214 on April 19, 2011 (ML1111A101). | N/A | | RAI 29 and 203 are closed. | Phase 2 SE issued | |
| | Liquid Waste Management System | 11.2 | 49(3398) | 9/7/2009 | SBPA 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. (ML093160476) | RAI 208 (6474) RAI 224(6854) | | | | Response to RAI 201, 208, and 207 were submitted April 13, 2011 (ML1104A053). | N/A | | RAI 49 and 208 are closed. RAI 224 is confirmatory item. | Phase 2 SE issued | |
| | 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; ML09306162 | | | | | received technical input from SBPA | N/A | | RAI 35 is closed. | Phase 2 SE issued | |
| | 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; ML09306178 | RAI 200 (6375) | | 1/26/2011 | | Luminant's response received April 11, 2011 (ML1102A115). | N/A | | RAI 36 is closed. RAI 200 is closed. | Phase 2 SE issued | |
| | Solid Waste Management System | | 38(2749) 38(3401) | 9/4/2009 for both RAI's | SBPA secondary reviewer completed PSER, CHPB primary review complete. | Both RAI responses submitted on October 19, 2009 (ML093370170) | | | | | received technical input from SBPA November 14, 2011 Luminant sent supplemental RAI response to 11.4.4 open item (ML11320A183). | N/A | | RAI 38 is confirmatory items. RAI 39 11.04-4 is a confirmatory item. | Phase 2 SE issued | |
| | 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 15, 2009 (ML093370170) | | | 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 SE issued | |

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|-------------------|---|---------------|--------------------|---|---|--|---------------|---------------------|---------------------------------|---|--|----------------------|------------------|--|---------------------------------|---|
| Part 2 Chapter 12 | 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 SE issued | |
| | Assuring that Occupational Radiation Exposure Area Allowance is 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 12.3-4 are confirmatory items. Rest of RAI 118 is closed. | Phase 2 SE issued | |
| | Radiation Sources | 12.2 | 85(3509); 86(3317) | 9/26/2009 for RAI 85 and 9/26/2009 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 SE issued | |
| | 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 ML093200501 | | | | | On February 24, 2010, Luminant provided its response to RAI 133. ML100560480; Luminant provided supplemental response to RAI 133 on March 18, 2011 (ML10800629). | N/A | | RAI 99 is a confirmatory item. Both questions to RAI 133 are confirmatory items. RAI 180 is open item. | Phase 2 SE issued | |
| | 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 | | | 12/1/2010 | Response to RAI 225 provided 9/16/2011. ML1262A293. Third supplemental response to RAI 135 (ML102670189). Second supplemental response submitted April 13, 2011 (ML1104A052). | N/A | | | RAI 119 12.3-12.4-2.3.4 are confirmatory items. 12.5-12.4-8 was closed with RAI 133 as follow-up question. | Phase 2 SE issued | |
| Part 2 Chapter 12 | Operational Radiation Protection Program | 12.5 | 100(3319) | 9/30/2009 for RAI 100 | CHPB PSER complete | November 11, 2009, RAI response on ML093200501 | | | | | Luminant's response received 10/27/2009. Luminant provided supplemental response to RAI 136 on March 18, 2011 (ML10800629). | N/A | | RAI 100 closed with RAI 136 as follow-up to RAI 100. RAI 136 12.5-5 is confirm item and 12.5-6 is also confirm item. | Phase 2 SE issued | |
| | 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 | | use of respirator | 2/1/2010 | | | N/A | | RAI 117 is confirmatory items. | Phase 2 SE issued | |
| | Management and Technical Support Organization | 13.1.1 | 68(2536) | 9/20/2009 | NRODCIP/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 (2536) is closed. | Phase 2 SE issued | |
| | Operating Organization | 13.1.2-13.1.3 | 69(2537) | 9/20/2009 | NRODCIP/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 (2537) is closed. | Phase 2 SE issued | |
| | Reactor Operator Recertification Program; Reactor Operator Training | 13.2.1 | N/A | N/A | NRODCIP/COLP PSER received | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Yes | No open items | Phase 2 SE issued | |
| Part 2 Chapter 12 | Non-Licensed Plant Staff Training | 13.2.2 | N/A | N/A | NRODCIP/COLP PSER received | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Yes | No open items | Phase 2 SE issued | |

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|--|--|-------------|---------------|---------------------------------|-----------------------------------|--|----------------------------------|---------------------|--|---|---|----------------------------------|------------------|---|---------------------------------|---|
| Emergency Planning | Emergency Planning | 13.3 | 70(325); | 9/20/2009 | NSIR/DPR/DDEP/ONRLB PSER complete | On November 18, 2009, RAI responses were provided. ML093240321 | | | | Luminant submitted supplemental information on RAI 70 on 9/16/2010 ML102630014. | Luminant provided supplemental information on March 5, 2010 to RAI 70 (ML100700282). Luminant provided clean copy of EALs on January 21, 2010 (ML100250427). | N/A | Yes | RAI 70 is closed. | Phase 2 SE issued | |
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| Emergency Planning | Emergency Planning | 13.3 | 76(327); | 9/24/2009 | NSIR/DPR/DDEP/ONRLB PSER complete | On November 18, 2009, RAI responses were provided. ML093240321. Supplemental RAI responses provided on November 12, 2009 on ML093510532. | | ETE | 01/25/2010 for RAI 134 and 2/18/10 for RAI 137 | RAI 137 is a supplemental question to RAI 134 | Response to RAI 134 (ML100620831) dated March 1, 2010 was received. Response to RAI 137 was received. March 5, 2010 (ML100700262). On June 3, 2010, Luminant submitted ETE Report Revision 3 (ML101610147). | N/A | Yes | RAIs 134 and 137 are closed. RAI 78 has 13 confirmatory items. | Phase 2 SE issued | |
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| Emergency Planning | Emergency Planning | 13.3 | 86(318); | 9/26/2009 | NSIR/DPR/DDEP/ONRLB PSER complete | November 16, 2009 for RAI response (ML093230239) | | | 27-Apr-10 | RAI Response provided on June 7, 2010. ML101610137 | Luminant provided clean copy of EALs on January 21, 2010 (ML100250427). This submittal resolved open items. Based on 8/16/10 call, Luminant provided supplemental EAL response on 9/16/10. | N/A | Yes | RAI 86 is closed. RAI 159 has 5 confirmatory items. | Phase 2 SE issued | |
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| Operational Programs | Operational Programs | 13.4 | N/A | N/A | N/A | N/A | | | RAI 255 issued May 3, 2012 | | Luminant submitted its responses to RAI 159 and 167 on May 16, 2012 (ML121384203). | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Operational Programs | 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. (ML100150326). | | SG program | 03/10/2010 for RAI 151; RAI 167 issued 11/9/2010 | | Response received April 12, 2010 ML101040259. 9/29/2010, Luminant provided supplemental response to RAI 71 (ML102780288). Luminant provided response to RAI 167 on 11/22/2010 (ML103580449). | N/A | Yes | RAI 71 (3592) has confirmatory items. RAI 151 and 167 are closed. | Phase 2 SE issued | |
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| | | | | | | | | | | | | | | | | |
| Administrative Procedures - General | Administrative Procedures - General | 13.5.1.1 | N/A | N/A | NRD/CIP/COLP PSER received | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Yes | No open items | Phase 2 SE issued | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Administrative Procedures - Initial Test Program | Administrative Procedures - Initial Test Program | 13.5.1.2 | N/A | N/A | NRD/CIP/COLP PSER received | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Yes | No open items | Phase 2 SE issued | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Operating and Emergency Operating Procedures | Operating and Emergency Operating Procedures | 13.5.2.1 | 37(3033) | 9/4/2009 | NRD/CIP/COLP PSER received | RAI response submitted on October 19, 2009 (ML093370170) | N/A | N/A | N/A | N/A | N/A | N/A | Yes | RAI 37 (3033) is closed. | Phase 2 SE issued | |
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| | | | | | | | | | | | | | | | | |
| Physical Security | Physical Security | 13.6 | N/A | N/A | N/A | N/A | RAI 234 (6088) | N/A | 10/14/2011 | High assurance evaluation report due 10/31/2012 | Luminant provided its response December 8, 2011. Supplemental response on 2/20/2012 (ML12053A071) | RAI 234 response is 60 days old. | | review complete for phase 2, now on Phase 4. | | |
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| Physical Security | Physical Security | 13.6 | N/A | N/A | deferred to phases 2 and 4 | N/A | RAI 161 (4585) RAI 194 (5203) | | 04/09/2010 for 161 and 12/13/2010 for 194 | High assurance evaluation report due 10/31/2012 | Luminant provided response to RAI 194 on January 27, 2011 (ML110310022). RAI 161 is closed. RAI 194 is now on Phase 4. RAI 161, RAI 194 is closed. | N/A | | review complete for phase 2, now on Phase 4. | | RAI 194, 13.6-1-52 is closed. RAI 161, 13.6-1-52 is unresolved. |
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|-----------|--|-------------|---------------|---------------------------------|---|--|-----------------------------------|--|---------------------------------|---|--|----------------------|------------------|---|---|---|
| | 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 its responses to RAI 125, 129, 130, 131, and 132. ML10050345 | 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) 4245 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. ML10050345 | N/A | | RAIs 131 and 132 are 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 199 (5400) | | 25-Jan-11 | | On February 28, 2011, Luminant submitted response to RAI 199 (ML110610760). | 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 238 (6123) | Cyber security license condition | 8-Nov-11 | | Luminant submitted cyber security plan submitted December 12, 2011. Response to RAI 238 (ML11349495). | | Yes | | Phase 2 SE issued | |
| | | | 86(3593) | 9/26/2009 | CHPB PSER complete | Luminant provided response on 11/5/2009. See ML093130124 | | | 17-Jan-10 | | On February 22, 2010, Luminant provided its responses to RAI 125, 129, 130, 131, and 132. ML10050345 | N/A | | RAI 86 and 129 are closed. | | June-12 |
| | | | 74(3074) | 9/23/2009 | CQVP PSER complete | Response provided on November 11, 2009; ML093220204 | RAI 129) 4209 | consensus standard | | | Response to RAI 173, 184, and 186 submitted November 24, 2010; (ML103340109) | N/A | | RAI 74 (3074) and 173 are closed. | | June-12 |
| | Initial Plant Test Program - Design Certification and New License Applicants | 14.2 | 75(2954) | 9/23/2009 | | Response provided on November 11, 2009; ML093220204 | RAI 163 (4712) | follow up to RAI 75 | | | Luminant provided its response on June 25, 2010. ML101810450. Luminant provided supplemental response on January 27, 2011 (ML110310321). | N/A | | RAI 163 (4712) is closed; RAI 75 closed. | | June-12 |
| | | | N/A | N/A | N/A | N/A | RAI 256 (8456) and RAI 257 (6457) | UHS/RHS/RES WS for RAI 256; water hammer for RAI 257 | 19-May-10 | On June 6, 2012, Luminant requested due date of August 24, 2012 to respond to Part 4 of RAI 257, and due date of June 22, 2012 for remainder of question. | | | | | | |
| | | | 98(3790) | 9/30/2009 | | November 11, 2009, RAI response provided on ML093200501 | RAI 164 (4681) | Table 1.9-201 RG table | 19-May-10 | Luminant sent a supplement to RAI 98 on June 7, 2012 (ML121694013). | 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. | | June-12 |
| | Inspections, Tests, Analyses, and Acceptance Criteria - Structural and Systems Engineering - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3 | 1 (2328) | 03/30/2009 | RAI response received; QTSB PSER complete | 05/01/2009 ML091250488 | | | | | | N/A | | RAI 1 is closed. | | March-12 |
| | Inspections, Tests, Analyses, and Acceptance Criteria - Reactor Systems - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.2 | N/A | N/A | SEB-1 PSER and review complete | N/A | | | | | | N/A | | | November-13 | |
| | Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.3 | 56(2583) | 9/14/2009 | EMBI PSER completed for Phase 1 | RAI 56 response received 10/26/2009; ML093010386 | RAI 212 (5391) | | 3/21/2011 | | response to RAI 212 submitted on April 8, 2011 (ML11010386). Supplemental response received November 8, 2011 (ML113144045). | N/A | | RAI 56 14.3.3-1, 2 confirmatory item, rest are closed. RAI 212 is closed. | technical input provided by EMB | |
| | Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.4 | N/A | N/A | SRSB PSER complete, IPR | N/A | N/A | N/A | N/A | SRSB SER IPR | | N/A | yes | No open items | technical input provided by reviewers | |
| | Controls - Inspections, Tests, Analyses, and Acceptance Criteria | 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 | |

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|-------------------|--|-------------|----------------------------------|---------------------------------|--|-------------------------------------|----------------------------------|---------------------|--|--|---|----------------------|------------------|---|--|--|--|
| Part 2 Chapter 14 | Electrical Systems - Inspections, Tests, Analyses, and Acceptance Criteria | 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 254 (6403) | N/A | 4/12/2012 | Luminant submitted RAI 254 14.3.7-38 on June 21, 2012. (ML12174A248) | On June 6, 2012, Luminant requested due date of August 24, 2012 to respond to Parts 2 and 3, and due date of June 22, 2012 for remainder of question. | | | | | | |
| | Plant Systems - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.7 | N/A | N/A | N/A | N/A | | | | | Response to RAI 181 submitted October 29, 2010 (ML10360049). Response to RAI 177 submitted October 11, 2010 (ML102861203). | N/A | | RAI 177 and 181 are closed. RAI 181 and 176 are follow-up to RAI 82. | | June-12 | |
| | Plant Systems - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.7 | N/A | N/A | N/A | N/A | RAI 245 (6285) RAI 220 (5755) | | 5/20/2011 for RAI 220; 1/31/2012 for RAI 245 | | Response to RAI 220 received June 23, 2011 (ML1178A072). Response to RAI 243, 239, 244 and 245 submitted February 27, 2012 (ML1206A378). | N/A | | RAI 245 is a follow-up to RAI 220 (5755), which is follow-up to RAI 83. RAI 220 is closed. RAI 245 is confirmatory. | | June-12 | |
| | Plant Systems - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.7 | 81(3293) 82(3366) 83(3532) | 9/25/2009 for all three RAs | CTSB PSER complete. SPCV wrote RAI 83 | Response on 11/13/2009; ML093210468 | | | September 2, 2010 for RAs 174, 175, 176 | Need to have call on RAs 174-177 and 181 to discuss COLA rev 2. | Responses to RAI 174, 175, 176 submitted October 6, 2010 (ML102810223) | N/A | | RAIs 174, 175, 176, 177 are confirmatory items. RAs 174, 175, 177 are follow-up to RAI 83. RAs 81, 82, and 85 closed. RAI 83, 14.3.7-25 are confirmatory items. | | June-12 | |
| | Radiation Protection - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.8 | N/A | N/A | CHPB PSER complete | N/A | | | | | | N/A | | | | | |
| | 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 | yes | No open items | technical input provided by reviewers | March-12 | |
| | Emergency Planning - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.10 | N/A | N/A | NSIR/DPR/DEP/ONRLB PSER complete | N/A | N/A | N/A | N/A | N/A | COLP SER completed IBR | | 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 | | SPSV technical input provided by reviewers | |
| | Physical Security Hardware - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.12 | N/A | N/A | deferred to phases 2 and 4 | N/A | | | | | Luminant submitted responses to RAs 210 and 211 on April 19, 2011. (ML1111A102) | N/A | Yes | | review complete for phase 2, now on Phase 4. | | |
| | Introduction - Transient and Accident Analyses | 15 | N/A | N/A | RSAC review and PSER complete | N/A | N/A | N/A | N/A | N/A | IBR | N/A | N/A | YES | No open items | SER w/CI complete | |

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|-----------|--|---------------|---------------|---------------------------------|-------------------------------|--------------------------------|---------------|---------------------|---------------------------------|------------------|--------------------------------|----------------------|------------------|--|---------------------------------|---|
| | 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 | SER w/OI complete | |
| | Design Basis Accident Radiological Consequences of 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 | | | | |
| | Decrease in Feed water Temperature, Increase in Feed water Flow, Increase in Steam Flow, Increase in Condenser Cooling Water Flow, Opening of a Steam Generator Relief 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 | SER w/OI complete | |
| | Steam System Piping Failures Inside and Outside of Containment (PMR) | 15.1.5 | 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 | SER w/OI complete | |
| | 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 | SRSB review complete IBR | N/A | N/A | N/A | N/A | IBR | | N/A | | | | |
| | 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 | SER w/OI complete | |
| | Loss of Normal Feed Water Flow; Steam System Piping Breaks Inside and Outside Containment (PMR) | 15.2.7-15.2.8 | N/A | N/A | SRSB review complete IBR | N/A | N/A | N/A | N/A | IBR | | N/A | YES | No open items | SER w/OI complete | |
| | Loss of Forced Reactor Coolant Flow Including Trip Pump Motor and Pump Control System 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 | YES | No open items | SER w/OI complete | |
| | Reactor Coolant Pump Rotor Seizure 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 | YES | No open items | SER w/OI complete | |
| | 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 | YES | No open items | SER w/OI complete | |
| | 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 | SER w/OI complete | |
| | Control Rod Misoperation (System Malfunction 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 | YES | No open items | SER w/OI complete | |

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|-----------|---|---------------|-------------------|---------------------------------|---|---|---------------|---------------------|---------------------------------|------------------|--|----------------------|------------------|---|---------------------------------|---|
| | Startup of an Inactive Loop or Recirculation Loop at an Inactive Turbine Flow Controller Malfunction | 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 | SER w/OI complete | |
| | Inadvertent Decrease in Reactor Coolant Flow 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 | SER w/OI complete | |
| | Inadvertent 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 | SER w/OI complete | |
| | 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 | SER w/OI complete | |
| | Inadvertent 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 | SER w/OI complete | |
| | 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 | SER w/OI complete | |
| | Inadvertent Opening of a 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 | SER w/OI complete | |
| | Radiological Consequences 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 | SER w/OI complete | |
| | Loss-of-Coolant Accident (LOCA) During Fram 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 | SER w/OI complete | |
| | Radioactive Releases from a Subsystem or Component | 15.7 | N/A | N/A | CHPS 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 | SER w/OI complete | |
| | 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 | SER w/OI complete | |
| | 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 | SER w/OI complete | |
| | General, Plant Sys. Refueling, & Admin Chrgs. Technical Specifications | 16.1 | 90(3113) 91(3315) | 9/29/2009 for both RAIs | CTSB PSER complete, all secondary reviewers complete | On November 11, 2009, RAI responses on ML09320501 | | | | | Luminant provided its response on April 15, 2010. ML00970215 | N/A | YES | RAI 90 is closed. RAI 91, 16-16 is a confirmatory item. | SER w/OI complete | September-12 |

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|----------------|--|-------------|---------------|---------------------------------|--|--|---------------|---------------------|---|---|--|----------------------|------------------|---|---------------------------------------|---|
| Part 2 Chap 16 | General, Plant Sys. Refueling & Auxiliaries: Technical Specifications | 16.1 | 120 (3834) | 10/5/2009 | CTSB PSER complete, all secondary reviewers complete | On November 11, 2009, RAI responses on ML09320501 | | | | | | N/A | | RAI 149, question 16-19 contradictory item. RAI 120 closed. | | |
| | S/L, Reactivity, Core Op Limits, & Special Ops: Technical Specifications | 16.2 | N/A | N/A | CTSB PSER complete | N/A | | | | | Response to RAI 173, 184, and 186 submitted November 24, 2010. (ML10334009) | N/A | | RAI 186 is closed. | | |
| | Instrumentation: Technical Specifications | 16.3 | N/A | N/A | CTSB PSER complete | N/A | | | | | | N/A | | | | |
| | RCS & ECCS: Technical Specifications | 16.4 | N/A | N/A | CTSB PSER complete | N/A | | | | | | N/A | | | | |
| | Containment Systems: Technical Specifications | 16.5 | N/A | N/A | SPCV PSER complete. CTSB PSER complete. | N/A | | | | | | N/A | | | | |
| | Electrical Power Sys: Technical Specifications | 16.6 | N/A | N/A | CTSB PSER complete | N/A | | | | | | N/A | | | | |
| Part 2 Chap 17 | Quality Assurance During the Design and Construction Phases | 17.1 | 79 (2996) | 9/25/2009 | N/A | Luminant responded on November 13, 2009 (ML09320465) | | | | | Luminant submitted Response to RAI 187, 188, and 189 on December 16, 2010. (ML 10189520) | N/A | | | | |
| | Reliability Assurance Program (RAP) | 17.4 | 92 (3688) | 9/29/2009 | SPLB PSER complete | RAI response provided on December 9, 2009 (ML09340887) | | | 11/16/2010 | COVA SER completed May 27, 2010 | RAI 189 on 27/2011 (ML110390574). | N/A | | RAIs 79 and 189 are closed. | sent to SER writer | |
| | Reliability Assurance Program (RAP) | 17.4 | N/A | N/A | SPLB PSER complete | N/A | | | 11/18/2011 for RAI 197, 4/12/2012 for RAI 253 | Luminant submitted its response to RAI 196, 253, and 255 on May 16, 2012 (ML12139A203). | Response to RAI 196 and 197 submitted February 18, 2011. ML11050429 | N/A | | RAI 92 is closed. | technical input provided by reviewers | |
| | Maintenance Rule | 17.6 | N/A | N/A | SPLB PSER complete | N/A | N/A | N/A | N/A | N/A | | N/A | Yes | RAI 197 is closed. | technical input provided by reviewers | |
| Part 2 Chap 18 | HFE Program Management | 18.1 | N/A | N/A | COLP PSER complete, IBR | N/A | N/A | N/A | N/A | IBR | | N/A | Yes | No open items | sent to SER writer | |
| | Operating Experience Review | 18.2 | N/A | N/A | COLP PSER complete, IBR | N/A | N/A | N/A | N/A | IBR | | N/A | Yes | No open items | SER w/ OI complete | |
| | 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 | Yes | No open items | SER w/ OI complete | |
| | Task Analysis | 18.4 | N/A | N/A | COLP PSER complete, IBR | N/A | N/A | N/A | N/A | IBR | | N/A | Yes | No open items | SER w/ OI complete | |
| | Staffing and Qualifications | 18.5 | N/A | N/A | COLP PSER complete, IBR | N/A | N/A | N/A | N/A | IBR | | N/A | Yes | No open items | SER w/ OI complete | |
| | Human Reliability Analysis | 18.6 | N/A | N/A | COLP PSER complete, IBR | N/A | N/A | N/A | N/A | IBR | | N/A | Yes | No open items | SER w/ OI complete | |
| | 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 | Yes | No open items | SER w/ OI complete | |
| | | | | | | | | | | | | | Yes | No open items | SER w/ OI complete | |

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 |
|-----------|--|-------------|-------------------|---------------------------------|---|--|--------------------------------|--------------------------|--|--|--|----------------------------------|------------------|--|---------------------------------|--|
| | 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 | SER w/ OI complete | |
| | 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 | SER w/ OI complete | |
| | 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 | SER w/ OI complete | |
| | 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 | SER w/ OI complete | |
| | 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 | SER w/ OI complete | |
| | Probabilistic Risk Assessment and Severe Accident Evaluation for New Reactors | 19 | N/A | N/A | SEB1 and SPLA PSER complete | N/A | RAI 210 (5069); RAI 248 (6320) | | 3/15/2011 for RAI 210; 2/27/2012 for RAI 248 | Response for RAI 248 submitted May 31, 2012 (ML12153A237). | Luminant submitted response to RAI 210 and 211 on April 19, 2011, (ML11111A102) | N/A | | RAI 210 is closed. RAI 248 is a follow-up to RAI 210 | | Technical reviewer is resolving DCD issues |
| | 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; ML092720676 on 9/24/2009 | RAI 26 response is ML09270160 and RAI 28 response is ML092720676; response is ML092720676; | RAI 165 (4619) | follow up to RAI 28 | 5/19/2010 | | Luminant provided its response on June 24, 2010. ML101810138 | N/A | | RAIs 26 and 28 and 165 are closed. | | 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 222 (6945) | follow up to RAI 165 | 10/7/2011 | | Luminant submitted its response to RAI 232 and 237 on 12/6/2011 (ML11344A021). | RAI 232 response is 120 days old | | | | |
| | 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 (5731) | RITS | 5/5/2011 | | Luminant provided its response July 14, 2011 (ML11199A012). | N/A | | RAI 218 is closed. | | Technical reviewer is resolving DCD issues |
| | seismic margin analysis | 19.1 | 93(3729) | 9/29/2009 | | November 11, 2009, RAI response on ML093200501 | RAI 166 (4638) | follow up to RAI 28 | 5/20/2010 | | Luminant provided its response on June 24, 2010. (ML101810138). A response was provided on October 27, 2011 (ML11301A246). | N/A | | RAI 166 is closed. RAI 93 is a confirmatory item. | | Technical reviewer is resolving DCD issues and RAI 93 is also looking at RAI 93. |
| | Risk informed TS | 19 | N/A | N/A | N/A | N/A | RAI 259 (6441) | RMTS | 5/29/2012 (ML12174A248) | Luminant submitted response on June 21, 2012 | | | | | | |
| | Risk informed TS | 19 | N/A | N/A | | N/A | | RAI 230 is on RMTS | | Luminant submitted the TS response implementation on March 30, 2011 (ML111832229). | Response to RAI 230 submitted October 21, 2011 (ML11258A124). Submitted April 18, 2012 (ML12110A207). | N/A | | RAI 230 is confirmatory item. | | |
| | Review of Risk Information for Licensee to Support Plant-Specific Changes to the Licensing Basis: General Guidance | 19.2 | N/A | N/A | SEB1 and SPLA PSER complete | N/A | RAI 230 (6001) | | | | | N/A | | | | |
| | Loss of large area due to fire | 19.X | | | | | RAI 191 (4896) | 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 others are closed. | | |

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/ CI and ECD | Phase 2 staff Comments on RAI responses |
|-----------|--|-------------|---------------|---|--|--------------------------------|---------------|------------------------------|---------------------------------|--|--|----------------------|------------------|--|---------------------------------|---|
| Part 1 | Administrative and Financial Information | N/A | N/A | N/A | N/A | N/A | N/A | financial assurance | March 9, 2010 ML093570057 | Luminant submitted draft construction operation service agreement September 1, 2010. | June 10, 2010 ML 01570955 for Public | | | | review is On Hold | |
| | Administrative and Financial Information | N/A | N/A | N/A | N/A | N/A | | foreign ownership obligation | RAI issued October ML 102220164 | | December 16, 2010 is date of response. Public version is ML 103540244. | | | | review is On Hold | |
| Part 1 | Administrative and Financial Information | N/A | N/A | 08/25/2009; ML09250268; ADAMS package ML092520302 | RAI response received, dated August 31, 2009 | August 31, 2009 | N/A | financial assurance | 11/23/2009; ML092931712 | 11/23/2009 letter was second RAI | Luminant submitted its response on January 27, 2010 | | | | review is On Hold | |
| Part 4 | Technical Specifications | | | | | | | | | | | | | | | |
| Part 5 | Emergency Plan | | | | | | | | | | | | | | | |
| Part 10 | ITAC and License Conditions | | | | | | | | | | | | | | | |
| Part 11 | COLA Endorses QAPD | | | | | | | | | On June 24, 2010, Luminant provided Revision 1 to Part 11 and Rev 2 to QAPD | June 24, 2010 submittal - ML 101810400 | | | | | |

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

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| Provide date Lumbhart responds to OI and RA SE issued to section 2.5 RGS. | | | |

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| Provide date Luminant responds to OI and PM SE issued to section 2.5 RGS. | | | |
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| | | Luminaant submitted its responses to RAls 249, 253, and 255 on May 16, 2012 (ML121384203). | |
| Supplemental response to RAI 182 (5116) provided 9/16/2011 ML1126A291 | RAI 249 (6316) | | |
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| | RAI 237 (6166) | RAI 237 was issued November 3, 2011 | Luminant submitted its response to RAI 237 on 12/9/2011 (ML11344027). |
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| Luminant submitted supplemental response to RAI 39, question 11.04-4 on November 14, 2011 (ML11320A183). | | | |
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|------------------------------|------------------------------------|---|---------------------|
| RAI 258 is on EALs | RAI 258 (6449) Issued 5/21/2012 | On June 13, 2012, Luminant informed the staff that it would submit response by July 17, 2012. | |
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| Staff review now in Phase 4. | | | |

| Phase 4 comments | Phase 4 RAls | RAI Response dates | Phase 4 Advanced SE |
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| Technical input being revised | | | |
| Technical input being revised | | | |
| Technical input being revised | | | |
| RAI 227 issued 8/26/2011 | RAI 227 (6013) | Response to RAI 227 submitted 9/16/2011 (ML11262A295) RAI 227 is closed. | |
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