

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

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Sent Date: 7/3/2012 9:14:15 AM
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From: Monarque, Stephen

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Comanche Peak COL Project Status Table

| SRP Chap. | SRP Section Title | SRP Section | Phase 1 RAI# | Phase 1 Final RAI Issuance Date | Phase 1 Comments | Phase 1 Luminant Response Date | Phase 2 RAI# | Phase 2 RAI Subject | Phase 2 Final RAI Issuance Date | Phase 2 Comments | Phase 2 Luminant Response Date | Age of RAI Responses | Phase 2 Complete | Phase 2 Open Item (ML Number of chapter SER) | Phase 2 Issue SER W/ OI and ECD | Phase 2 staff Comments on RAI response |
|-------------------|--|-------------|--------------|---------------------------------|---|---|--|--------------------------------|--|---|---|----------------------|------------------|--|---------------------------------|---|
| Part 2 Chap. 1 | Introduction and Interfaces | 1 | 20(2218) | 7/15/2009 | completed, response to RAI received August 24, 2009 | ML092380344 on 08/24/2009 | RAI 153 (4494) RAI 206 (5549) | RAI 153 is DOE Contact Numbers | 8/4/2010 for RAI 153 and 2/25/2011 for RAI 206 | RAI 206 is access to prep and SGI | ML10241023 dated April 30, 2010 is for RAI 153 and ML1144A068, May 20, 2011 is response to RAI 206. | N/A | Yes | RAIs 20 and 153 are closed. RAI 206 is confirmatory item. | | |
| | Introduction and Interfaces | 1 | N/A | N/A | N/A | N/A | RAI 236 (6135) | exception to RG 1.143 | RAI 236 issued 11/22/2011 | | 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 | N/A | RAI 281 (6527) | Fukushima | 25-Jun-12 | | May 16, 2012 letter provides due dates | | | | | |
| | Introduction and Interfaces | 1 | N/A | 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). | N/A | | Review of DCD is open item 1-1. RAIs 231 and 235 are confirmatory items. | September-12 | |
| Part 2 Chap. 1 | Introduction and Interfaces and Evaluation of Potential Hazards in site vicinity | 2.1.1 | N/A | N/A | RSAC PSER and review complete | N/A | RAI 198; RAI 246 (6310); RAI 260 (6458) | RAI 30, 40, and 70 licenses | 1/14/2011 for RAI 198; 2/7/2012 for RAI 246; 6/5/2012 for RAI 260 | Response to RAI 246 submitted March 9, 2012 (ML12072A337). Response to RAI 260 due July 30, 2012. | Luminant provide its response on May 6, 2011 (ML1129A156); and supplemental responses on November 14, 2011 (ML11320A181) and December 6, 2011 (Bulletin 2005-01) from 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 |
| | Evaluation of Potential Hazards in site vicinity | 2.1.2 | N/A | N/A | RSAC PSER and review complete | N/A | N/A | N/A | N/A | RSAC SER and review complete | | Yes | | No open items | Draft received from SER writer | |
| | Population Distribution | 2.1.3 | N/A | N/A | RSAC PSER and review complete | N/A | N/A | N/A | N/A | RSAC SER and review complete | | Yes | | No open items | Draft received from SER writer | |
| | Identification of potential hazards in site vicinity | 2.2.1-2.2.2 | 30(2843) | 9/3/2009 | RSAC PSER and review complete | Responded to RAI 30 on October 15, 2009; ML093090162 | N/A | N/A | N/A | RSAC SER and review complete | | Yes | | RAI 30 is closed. | Draft received from SER writer | |
| | Evaluation of Potential Accidents | 2.2.3 | 31 (2844) | 9/9/2009 | RSAC PSER and review complete | Responded to RAI 31 on October 15, 2009; ML093090162 | N/A | N/A | N/A | RSAC SER and review complete | | Yes | | RAI 02.02.03-1 is confirmatory item. RAI 31 is closed. | Draft received from SER writer | |
| | Evaluation of Potential Accidents | 2.2.3 | 32 (2864) | 9/3/2009 | RSAC PSER and review complete | On November 18, 2009, RAI responses were provided. ML09324321 | refrigerants and applicability to RG 1.76 | 14/2010 | 4/27/2011 for RAI 217 | RSAC SER and review complete | On February 22, 2010, Luminant provided its responses to RAIs 125, 126, 136, 151, and 152. ML10055945 | 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 | N/A | RAI 204 (5465); RAI 217 (5722) | | | | Response to RAI 217 was submitted May 17, 2011 (ML1138A305). Response to RAIs 202, 204, and 205 submitted March 16, 2011. (ML110800596) | 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 (6183) | | 11/23/2011 | | RAI 242 response received January 9, 2012. (ML12011AD26) | 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 (ML093370170) | 155(4606) 155(6287) | | 04/27/2010 for RAI 155, 121/20/2010 for RAI 195 | | RAI 195 response submitted January 24, 2011 (ML10280195). RAI 155 response received July 27, 2010. ML101610137. Luminant provided supplemental responses on 9/29/2010 (ML102780284) and 10/29/2010 (ML103060443). | N/A | Yes | RAI 51, 155, and 196 are closed. | | |
| | Local Meteorology | 2.3.2 | 45(3556) | 9/5/2009 | RSAC PSER and review complete | RAI response submitted on October 15, 2009 (ML093370170) | 156(4607) | | 27-Apr-10 ML100481138 | Luminant provided a supplemental response to RAI 45 and 46 on February 5, 2010. | RAI Response provided on June 7, 2010. ML101610137. Based on conference call on 6/10/2010, 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) | 04/24/2009 ML0912170429 | RSAC PSER and review complete | 5/6/2009 ML091330346 for RAI 3; | 157(4608) | | 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) | 180(6250) | | 23-Nov-10 ML100481138 | Luminant provided a supplemental response to RAI 45 and 46 on February 5, 2010. | Luminant provided its response on December 3, 2010. (ML103470144) | N/A | Yes | RAI 46 is closed. RAI 180 is also closed. | December-12 | |
| | Short-term Dispersion Estimates for Accident Releases | 2.3.4 | 7(3558) | 9/23/2009 | RSAC PSER and review complete | Response provided on November 11, 2009; ML093320204 | 158(4613) | | 27-Apr-10 | | Luminant provided its response on June 25, 2010. ML1016102450 | N/A | Yes | RAI 158 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 10/30/2009; ML093090163 | 160(4609) | | 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 | 138(4308) | | 2/18/2010 | On March 3, 2010, Luminant submitted supporting calculations. ML100750040 | Response to RAI provided July 16, 2010. ADAMS ML102070358. Supplemental response to RAI 139 provided 10/8/2010 (ML102861237). October 21, 2011 (ML112884123), and October 27, 2011 (ML113191326). | N/A | Yes | RAI 138 is closed. RAI 95 and 101 are closed. | Technical review completed | Luminant's supplemental response submitted on October 21, 2011 will be used to close out RAI 95 |
| | 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) | 10/1/2009 | RHEB PSER complete | November 13, 2009; RAI response on ML093230705 | 139(4309) | | 2/18/2010 | On March 3, 2010, Luminant submitted supporting calculations. ML100750040 | Response to RAI provided July 16, 2010. ADAMS ML102070358. Supplemental response to RAI 139 provided 10/8/2010 (ML102861237). October 21, 2011 (ML112884123), and October 27, 2011 (ML113191326). | N/A | Yes | 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 95 |

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|-----------|---|-------------|--------------|---------------------------------|--|--|--------------------------|---------------------|---|---|---|----------------------|------------------|--|---------------------------------|--|
| | Probable Maximum Flood (PMF) on Streams and Rivers | 2.4.3 | 105(3665) | 10/1/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | 143(4310) RAI 188 (6225) | | 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 provided Response to RAI 188 on December 16, 2010 (ML10186520). | 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's 138, 139, 140, 143. | September-13 | Luminant's supplemental responses in August and October 21, 2011 will be used to close out RAIs. |
| | Potential Dam Failures | 2.4.4 | 111(3666) | 10/2/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | 146(4311) | | 2/21/2010 | 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. | September-13 | Luminant's supplemental responses in August and October 21, 2011 will be used to close out RAIs. |
| | Probable Maximum Surge and Seiche Flooding | 2.4.5 | 112(3667) | 10/2/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | 144(4312) | | 2/21/2010 | On March 3, 2010, Luminant submitted supporting calculations, ML100750040 | Response provided on April 20, 2010 (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 | 141(4313) | | 2/21/2010 | On March 3, 2010, Luminant submitted supporting calculations, ML100750040 | Response on May 6, 2010 (ML10710141) | N/A | Yes | RAI 141 is closed. RAI 104 is closed. | Technical review completed | |
| | Coking 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 | 147 (4314) | | 2/26/2010 | Luminant submitted supporting calculations (ML100750040) on March 3, 2010, and supplemental response on 11/28/2011 (ML113350173). | Response provided on August 26, 2010 (ML102440672). Supplemental response provided on July 14, 2011 (ML1199A011). 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 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 responses on ML093230229 | 145(4315) | | 2/26/2010 | On March 3, 2010, Luminant submitted supporting calculations, ML100750040 | ON September 16, 2010, Luminant submitted its response to RAI 145 (ML10260635). Supplemental response submitted on August 29, 2011 (ML11242A146). | N/A | Yes | RAI 145 is a follow-up to RAI 116. RAI 116 is closed. RAI 145 is follow up to RAI's 15-16 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 ML093206501 | 142(4316) | | 2/23/2010 | On March 30, 2010, Luminant submitted calculations, ML100750040 | On March 30, 2010, Luminant submitted calculations, ML100750040 | N/A | Yes | RAI 142 is closed. RAI 96 is closed. | Technical review completed | |
| | Basic Geologic and Seismic Information | 2.5.1 | 21(3015) | 7/19/2009 | | ML092440337, dated 8/26/2009; ML092740182, dated 9/10/2009; ML092820486, dated 9/10/2009 | RAI 179 (6552) | | 10-Sep-10 | 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 | |

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|-----------|---|-------------|--------------|---------------------------------|---|---|----------------|---------------------------|---------------------------------|---|--|--|------------------|--|---------------------------------------|---|--|
| | Basic Geologic and Seismic Information | 2.5.1 | 15(3080) | 7/13/2009 | | ML092820486, dated 9/10/2009 | RAI 219 (5686) | | 6/6/2011 | | Response to RAI 219 was received June 6, 2011. (ML1159A037) Supplemental response received November 7, 2011 (ML1131Z4366). | 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 | | | | 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; RAI 2 on October 29, 2009; Supplemental response on December 14, 2009 (ML093561101). | RAI 168 (4725) | ground motion | 6/9/2010 | | RAI response 168 received 8/10/2010 (ML102720665). Supplemental response to RAIs 168 and 170 submitted 10/21/2010 (ML102980032). Supplemental response to RAI 168 submitted October 31, 2011. (ML113140428) | N/A | | RAI 168 is closed. | technical input received | | |
| | Vibratory Ground Motion | 2.5.2 | 11(1889) | 7/1/2009 | 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; RAI 2 on October 29, 2009; Supplemental response on December 14, 2009 (ML093561101). | | | | Response on December 14, 2009 ML093561101 for RAI 11. Sensitivity analyses and results submitted March 3, 2010 (ML100840193). Luminant letter response figure attached 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 170 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 19 closed | technical input received | | |
| | Stability of Subsurface Materials and Foundations | 2.5.4 | N/A | 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; 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 | | | | | 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 | Yes | RAI 19 is closed. 2.5.5-1 is confirmatory item. RAI 47, 3.9.1-2 is a confirmatory item. RAI 47 closed. | September-13 | technical input provided by reviewers | |
| | System Quality Group Classification | 3.2.2 | 67(2757) | 9/20/2009 | EMB2 PSER completed | Luminant provided response on ML093130123 | 180 (6090) | | 27-Sep-10 | RAI 180 is a follow-up to RAI 67. (ML103260234). | Response received November 18, 2010 (ML103260234). | 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 10/26/2009 ML093010386 | | | | On November 8, 2010, Luminant provided its supplemental response to RAI 2818 and 2819 (ML103130379) | N/A | | | | 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 250, as this RAI is linked to DCD RAI 907 and 908. | 2012 Luminant requested response date of September 14, 2012 for RAI 250, as this RAI is linked to DCD RAI 907 and 908. | N/A | | | | |
| | Internal Flood Protection for Onsite Equipment Failures | 3.4.1 | N/A | N/A | SBPA PSER completed; RHEB secondary reviewer on RHEB PSER and review complete | 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 | | | | |
| | Internally Generated Missiles (Outside Containment) | 3.5.1.1 | N/A | N/A | SBPA PSER complete IBR, monitor DCD | N/A | | | | | | N/A | | | | |
| | Externally Generated Missiles (Inside Containment) | 3.5.1.2 | N/A | N/A | SBPA PSER complete IBR | N/A | | | | | | N/A | | | | |
| | Turbine Missiles | 3.5.1.3 | 12(2854) | 7/12/2009 | CIB PSER complete; RSAC secondary reviewer complete with PSER; RAI response received | ML092380343 August 24, 2009 | | | | | | N/A | | | | |
| | Missiles Generated by Tornadoes and Extreme Winds | 3.5.1.4 | N/A | N/A | SBPA PSER complete IBR | N/A | | | | | | N/A | | | | |
| | Site Proximity Missiles (Except Aircraft) | 3.5.1.5 | 33(2875) | 9/9/2009 | RSAC PSER and review complete | RAI 33 response on 10/15/2009 ML093091162 | 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 | RSAC SER and review complete | N/A | N/A | Yes | No open items | technical input provided by reviewers | |
| | Structures, Systems, and Components to be Protected from Externally Generated Missiles | 3.5.2 | 80(2840) | 9/25/2009 | SBPA PSER complete | Response on 11/13/2009; ML093210468 | | | N/A | | | N/A | | | 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; ML093260696 | | | | | | N/A | | | | |
| | Plant Design for Protection Against Postulated Piping Failure 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 | | | | |
| | 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 | ML092870160, 9/22/2009 | | | | | | N/A | | | | |
| | Leak-Before-Break Evaluation Procedures | 3.6.3 | N/A | N/A | CIB PSER complete, IBR | N/A | | | | | | N/A | | | | |
| | Seismic Design Parameters | 3.7.1 | N/A | N/A | N/A | N/A | | | | RAI 222 (67789), RAI 209 (6609) | Response to RAI 209 submitted April 8, 2011 (ML11010380). Response to RAI 222 submitted May 18, 2011 (ML112014329). | N/A | | | | |

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|-----------|---|-------------|--------------|---------------------------------|--------------------------------|---|--|----------------------|---|--|--|----------------------|--|---|---------------------------------------|---|
| | Seismic Design Parameters | 3.7.1 | 55(2876) | 9/14/2009 | SEB 1 PSER complete | RAI 155 response received 10/26/2009; ML093010366 | RAI 193 (6254); RAI 205 (6317) | | 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. (ML110805986) | 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 | 184 (6121) RAI 226 (5947); RAI 221 (6798) | | 25-Oct-10 | ON August 4, 2011, Luminant submitted response for RAI 221 (ML12280169). Luminant sent supplemental response to RAI 221 on 10/10/2011 (ML11285A242) and 1/25/2012 (ML12028A702). | | | 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 | RAI 192 (6255); RAI 176 (6947); RAI 247 (6286) | | 12/8/2010 for RAI 192; 8/22/2011 for RAI 236; 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. | RAI 226 response received October 27, 2011 (ML11301A354). RAI 171 response received August 13, 2010 (ML110310023). 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). | N/A | | RAI 64 are 162 are closed. | December-13 | |
| | Seismic Instrumentation | 3.7.4 | 53(2814) | 9/9/2009 | RGS1 PSER complete | ML092990303 10/21/2009 | 146(6294) | CAV | 2/26/2010 | | Luminant provided its response on April 1, 2010. ML100950107. Luminant provided supplemental response to RAI 146 on 3/19/2011 (ML110606359). | N/A | Yes | RAI 53 is closed. RAI 146 is closed. | technical input provided by reviewers | |
| | Concrete Containment | 3.8.1 | 106(2860) | 10/2/2009 | SEB 1 PSER complete | November 13, 2009, RAI response on ML093230705 | 148(6297) | 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 (4287) 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(2864) | 10/2/2009 | SEB 1 PSER complete | Response received December 10, 2009 (ML093480182) | RAI 167 (4542) | | 5/21/2010 | | On August 9, 2010, Luminant provided its response to RAI 167 (ML102240247). Luminant provided supplemental response to RAI 167 on 3/18/2011 (ML110606359). | N/A | | RAI 108 (3984) 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) | | | 10/25/2010 | | Response to RAI 185 received January 6, 2011 (ML110070359). | N/A | | RAI 122 (3006) closed. RAI 185, following to RAI 167 is now closed. RAI 167 all questions closed with 44 still being evaluated. | December-13 | |
| | Foundations | 3.8.5 | 115(2869) | 10/2/2009 | SEB 1 PSER complete | November 13, 2009, RAI response on ML093230705 | | | | | | 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 | N/A | 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; ML093010396 | | | | Supplemental response to RAI 244 submitted March 9, 2012 (ML12072A3377). On June 13, 2012, Luminant submitted supplemental responses to RAI 228 (ML12060A4781), Response to RAI 228 (ML12060A4781), question ML11313A104, RAI 244 (ML1216A2931) | Response to RAI 243, 239, 244 and 245 submitted February 27, 2012 (ML12060A4781). Response to RAI 228 (ML12060A4781), question ML11313A104. | N/A | RAI 57 is closed, with RAI 228 (ML12060A4781) 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 Mechanical and Electrical Equipment | 3.11 | 73(2765) | 9/30/2009 for RAI 73 | CIB PSER complete; EEB primary reviewer- PSER complete | Response provided on November 11, 2009; ML093220204 | | | | Supplemental response to RAI 244 (ML12060A3730) is linked to RAI 239. | Response to RAI 243, 239, 244 and 245 submitted February 27, 2012 (ML12060A3730). | RAI 239 response on 3/31/12 | | RAI 73 is closed. Follow up RAI 73 to be issued. | March-12 | | |
| | Environmental Mechanical and Electrical Equipment | 3.11 | 97(3705) | 9/30/2009 for RAI 97 | CIB PSER complete; EEB primary reviewer- PSER complete | November 11, 2009, RAI response on ML093200501 | | | | | Supplemental response to RAI 97 was received on March 5, 2010 (ML1007002833) | N/A | Yes | CIB SE received. EEB SE received RAI 97- 3/11-12. Investigate the consistency of RAI 97. 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 incrop 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 | technical input provided by reviewers | 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 | technical input provided by reviewers | 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 | technical input provided by reviewers | 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 | | |
| | Support 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 | N/A | CIB review complete. SE on October 4, 2010 | N/A | Yes | RAI 40 is closed. | Phase 2 SE issued | | |
| | Applicable Code Cases | 5.2.1.2 | 41(2760) 42(2785) | 09/04/2009 for both RAIs | CIB secondary reviewer completed PSER; EMB primary review PSER completed | Both RAI responses submitted on 10/19/2009 (ML093370170) | N/A | N/A | N/A | N/A | CIB review complete. SE on October 4, 2010. | 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 | N/A | SRSB review complete. IBR | 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 | N/A | COL 5.2(12) | 4/4/2011 | 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. | N/A | IB/PSI License condition | N/A | N/A | CIB SER completed February 18, 2010 | Luminant submitted response to RAIs 203 and 214 on April 19, 2011 (ML11114A101) | N/A | Yes | RAIs 87 and 214 are closed. | Phase 2 SE issued | |
| | Reactor Coolant Pressure Boundary Leakage Detection | 5.2.5 | 56(3457) | 9/14/2009 | SBPA PSER complete | RAI 56 response received 10/26/2009; ML093010366 | 127(6089) | RC leakage detection | 11-Jan-10 | N/A | SERP SER complete March 26, 2010 | By letter dated February 19, 2010, Luminant provided response to RAIs 127, 128 and supplemental to RAI 10. ML10956214 | N/A | Yes | RAI 56 is closed. RAI 127 is closed. | Phase 2 SE issued | |
| | Reactor Vessel Materials | 5.3.1 | 62(3183) 85(3127) | 9/18/2009 | CIB PSER complete, no secondary reviewer | RAI 62 and 65 responses on 10/30/2009; ML093090163 | 128(2200) | capsule withdraw schedule | 12-Jan-10 | N/A | January 26, 2010 CIB SER completed | By letter dated February 19, 2010, Luminant provided response to RAIs 127, 128 and supplemental to RAI 10. ML10956214 | N/A | Yes | RAI 62, RAI 128, and RAI 65 are closed. | Phase 2 SE issued | |
| Part 2 Chap 5 | 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 ML09292081 | 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; ML092220162. | N/A | N/A | N/A | N/A | 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 | N/A | N/A | N/A | Yes | No open items | Phase 2 SE issued | | |
| | 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 | N/A | CIB review and SER complete | 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 | N/A | SRSB and CIB review complete | 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 | N/A | CIB PSER complete. IBR | 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 | N/A | CIB SER provided, March 11, 2010 | N/A | Yes | No open items | Phase 2 SE issued | | |
| | Residual Heat Removal (RHR) System | 5.4.7 | N/A | N/A | SRSB PSER complete. IBR | N/A | N/A | N/A | N/A | N/A | CIB SER provided, March 11, 2010 | N/A | Yes | No open items | Phase 2 SE issued | | |

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|-----------|--|-------------|--------------------|---|--|--|---------------|--------------------------|---------------------------------|--------------------------|---|----------------------|------------------|---|---------------------------------------|---|
| | Pressurizer Relief Tank | 5.4.11 | N/A | N/A | SRSB PSER complete, IBR | N/A | N/A | N/A | N/A | SRSB review complete IBR | N/A | N/A | Yes | No open items | Phase 2 SE issued | |
| | Reactor Coolant System High Point Vents | 5.4.12 | N/A | N/A | SRSB PSER complete, IBR | N/A | N/A | N/A | N/A | SRSB review complete IBR | N/A | N/A | Yes | No open items | Phase 2 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 to RAI 94. CIB PSER complete. RAI response received based on RAI 94 (ML092320501) | | | | | | N/A | Yes | RAIs 13 and 94 are closed. | technical input provided by reviewers | |
| | Containment Functional Design | 6.2.1 | N/A | N/A | SPCV PSER complete IBR | N/A | | | | | | N/A | Yes | | technical input provided by reviewers | |
| | Sub-compartment Analysis | 6.2.1.2 | N/A | N/A | SPCV PSER complete IBR | N/A | | | | | | N/A | Yes | | technical input provided by reviewers | |
| | Mass and Energy Release Analysis for Postulated Loss-of-Coolant Accidents (LOCAs) | 6.2.1.3 | N/A | N/A | SPCV PSER complete IBR | N/A | | | | | | N/A | Yes | | technical input provided by reviewers | |
| | Mass and Energy Release Analysis for Postulated Secondary System Pipe Ruptures | 6.2.1.4 | N/A | N/A | SPCV PSER complete IBR | N/A | | | | | | N/A | Yes | | technical input provided by reviewers | |
| | Minimum Containment Pressure 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 | | | sump 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 (ML11285A241) | N/A | Yes | RAI 76 closed. Last question to RAI 76 and RAI 229 are closed. Changes to RAI 76 DCD have rendered response obsolete. | technical input provided by reviewers | Task staff is resolving DCD issues (SSI 181) before closing RAI 76. |
| | Secondary Containment Functional Design | 6.2.3 | deleted | deleted | deleted | deleted | | | | | | N/A | | | | |
| | Containment Isolation System | 6.2.4 | N/A | N/A | SPCV PSER complete IBR | N/A | | | | | | N/A | | | | 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 | 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 (6156) | | 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 52, 240 and 244 (ML12104591) | | | 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 (177) and RAI 125, 126, 127, 172, 173, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000 | | | | | | | | | | | | | | | | |
| | Control Room Habitability System | 6.4 | N/A | N/A | N/A | N/A | RAI 216 (6552) | | 27-Apr-11 | | Response to RAI 216 submitted May 31, 2011 (ML1152A239) | N/A | | RAI 216 is confirmatory item. | February-13 | | | | | | | | | | |
| | 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 capability to RG 1, 79 | 14/20/10 | | On February 22, 2010, Luminant provided a response to RAIs 125, 126, 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 | completed PSER, IBR | N/A | | | | | | N/A | Yes | | | technical input provided by reviewers | | | | | | | | | |
| | Containment Spray as a Fission Product Cleanup System | 6.5.2 | N/A | N/A | SPCV, RSAC, and CIB completed for Phase 1 | N/A | | | | | | N/A | Yes | | | technical input provided by reviewers | | | | | | | | | |
| | Fission Product Control Systems and Structures | 6.5.3 | N/A | N/A | RSAC primary review and SPCV completed review, IBR PSER completed for Phase 1 | N/A | | | | | | N/A | Yes | | | technical input provided by reviewers | | | | | | | | | |
| | Pressure Suppression Pool as a Fission Product Cleanup System | 6.5.5 | N/A | N/A | CIB primary and RSAC secondary reviews complete, IBR PSER completed for Phase 1 | N/A | | | | | | N/A | Yes | | | technical input provided by reviewers | | | | | | | | | |
| | In-service Inspection and Testing of Class 2 and 3 Components | 6.6 | 43(2070) 44(2071) | 9/4/2009 for both RAIs | CIB PSER complete, no secondary reviewer | Both RAI responses submitted on October 19, 2009 (ML093370170) | | | | | | N/A | Yes | | | technical input provided by reviewers | | | | | | | | | |
| | Instrumentation and Controls – Introduction | 7.1 | N/A | N/A | ICE review complete IBR PSER completed for Phase 1 | N/A | N/A | N/A | N/A | ICE review complete | N/A | N/A | Yes | | | Draft received from SER writer | | | | | | | | | |
| | Reactor Trip System | 7.2 | N/A | N/A | ICE review complete IBR PSER completed for Phase 1 | N/A | N/A | N/A | N/A | ICE review complete | N/A | N/A | Yes | | | Draft received from SER writer | | | | | | | | | |
| | Engineered Safety Features Systems | 7.3 | N/A | N/A | ICE review complete IBR PSER completed for Phase 1 | N/A | N/A | N/A | N/A | ICE review complete | N/A | N/A | Yes | | | Draft received from SER writer | | | | | | | | | |
| | Safe Shutdown Systems | 7.4 | 4 (2504) | 04/24/2009 ML091270423 | RAI response received/ICE review complete PSER completed | 05/26/2009, ML091480014 | N/A | N/A | N/A | ICE review complete | N/A | N/A | Yes | | | 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 | | | 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 | | |
| | | 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 | | |
| | | 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 | | |
| | Diverse Instrumentation and Control 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 | | |
| | | Data Communication Systems | | | | ICE review complete BR PSER completed for Phase 1 | 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 ML09240406 | | | | | Luminant submitted supplemental response on August 9, 2011 (ML1123A057) and October 17, 2011 (ML17291A180). | N/A | No | RAI 9 is closed. October 17, 2011 response did not answer staff's question. | Phase 2 SE issued | |
| | | | 8.2 | N/A | N/A | N/A | N/A | 182 (6116) | | 10/19/2010 | | Luminant submitted Response to RAI 182, 183, 188, and 189 on December 16, 2010. (ML110180520) | N/A | | RAI 182, questions 8.2-30 and 29 are confirmatory. | Phase 2 SE issued | |
| Offsite Power System | | 8.2 | 24(2577) | 6/30/2009 | EEB Review complete, PSER, RAI responses RAI response received | RAI 24 response on 9/8/09 ML092530470 | | | 4/13/2010 | | 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. | Phase 2 SE issued | | |
| | | 8.3.1 | 23(2581) | 7/27/2009 | EEB Review complete, PSER, RAI responses RAI response received | RAI 23 response on 9/8/09 ML092530470 | | | | | | | No | RAI 06.03.01-01 is a confirmatory item. | Phase 2 SE issued | | |
| Part 2 Chap 8 | D-C Power Systems (Onsite) | 8.3.2 | N/A | N/A | EEB Review complete, PSER | N/A | | | | | | N/A | No | | Phase 2 SE issued | | |
| | | 8.4 | N/A | N/A | EEB Review complete, PSER | N/A | | | | | Luminant submitted Response to RAI 182, 183, 188, 189 - December 16, 2010(ML110180520). Submitted supplemental response to RAI 183 on March 23, 2011 (ML10940022). | N/A | | RAI 183, question 8.4-1 is confirmatory. RAI 183 is closed. | Phase 2 SE issued | | |
| | 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 | | |
| | | 9.1.2 | N/A | N/A | SBPA IBS review complete IBS, CIB PSER complete | N/A | | | | | CIB SER March 8, 2010 | N/A | | | Technical review completed | | |
| Light Load Handling System (Related to Refueling) | 9.1.3 | N/A | N/A | CIB PSER review complete; SBPA to review | N/A | | | | | CIB SER March 8, 2010 | N/A | Yes | | Technical review completed | | | |
| | 9.1.4 | N/A | N/A | SBPA IBS review complete | N/A | | | | | CIB SER March 8, 2010 | 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 response to 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 | 108(3688) | 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 (ML100550203). | Response for RAI 251 submitted May 31, 2012 (ML12153A271) | N/A | Yes | 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(3908) | 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 15, 2009 on ML093526007 | 241(6173); 252 (6358) | TS SR wet bulb | 11/22/2011 for RAI 241 and 3/30/2012 for RAI 252 | Response for RAI 252 was submitted June 7, 2012 (ML12163A012). | RAI response submitted January 24, 2012, ML12025A271 | N/A | 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 Service Water system | 9.2.9 | N/A | N/A | SBPA IBR review complete | N/A | | | | | | N/A | Yes | | Technical review completed | |
| | Compressed Air System | 9.3.1 | N/A | N/A | SBPA PSER review complete | N/A | | | | | | N/A | Yes | | Technical review completed | |
| | Process and Post-accident Sampling Systems and Floor Drainage System | 9.3.2 | N/A | N/A | CIB PSER review complete; CHPB review complete | 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 | SBPA PSER IBR | N/A | | | | | | N/A | Yes | | Technical review completed | |
| | Control Room Area Ventilation System | 9.4.1 | 63(3219) | 9/18/2009 | SFSV PSER and review complete | RAI responded on 10/30/2009; ML093090163 | 207 (6598) | | 3/10/2011 | | RAI response to RAI 225 (5981) revises FSAR 5.2.3.2.1 and 9.3.4.2.3.3, and T2.3 Supplemental response to RAI 63 provided on 10/29/2010 (ML103060043). Luminant provided response to RAI 207 on April 13, 2011 (ML1104A255). | N/A | Yes | | Technical review completed | |
| | Spent Fuel Pool Area Ventilation System | 9.4.2 | N/A | N/A | SFSV PSER and review complete, IBR | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Yes | | SFSV technical input provided by reviewers | |
| | Auxiliary and Rawwaste Area Ventilation System | 9.4.3 | 48(3225) | 9/7/2009 | SFSV PSER and review complete; CHPB secondary review ongoing | RAI response submitted on October 19, 2009 (ML093370170) | N/A | | | | | N/A | Yes | | SFSV technical input provided by reviewers | |
| | Turbine Area Ventilation System | 9.4.4 | N/A | N/A | SFSV PSER and review complete, IBR | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Yes | | SFSV technical input provided by reviewers | |

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|-----------|--|-------------|---------------------|---------------------------------|--|---|----------------------------------|---------------------|--|---|---|-----------------------------|------------------|---|---|---|
| | Engineered Safety Features Ventilation System | 9.4.5 | 110(3230) | 10/2/2009 | SFSV PSER and review complete, | November 13, 2009; RAI response on ML093230705 | RAI 243 (6124) | 12/14/2011 | | | Supplemental response for RAI 110 (ML103060043). Response to RAI 243, 239, 244 and 245 submitted February 27, 2012 (ML12060A378). | RAI 243 Response is 30 days | Yes | RAI 110 is closed. RAI 243 is a defect. RAI 239, 244 and 245 are being evaluated, all other questions are confirmatory items. | | |
| | Engineered Safety Features Ventilation System | 9.4.5 | 123(3232) | 10/9/2009 | SFSV PSER and review complete, | Response provided on December 16, 2009 on ML093230667 | RAI 213 (5585) | | 3/24/2011 | Response to RAI 213 submitted May 6, 2011. (ML111300166) | Response to RAI 213 (ML103060043). Response to RAI 213 submitted May 6, 2011 (ML111300166) | N/A | Yes | RAIs 123 and RAI 213 are closed. | SFSV technical input provided by reviewers January-13 | |
| | Containment/Ventilation System | 9.4.6 | N/A | N/A | related to SRP 9.4.5 | N/A | | | | | | N/A | | | | |
| | Fire Protection Program | 9.5.1 | 10(2328) 1(2332) | 6/30/2009 1/03/07/2009 | 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 10. ML105529214 | N/A | Yes | RAIs 1 and 10 are closed. | technical review provided by reviewers | |
| | Communications Systems | 9.5.2 | 34(2764) | 9/3/2009 | ICEI PSER complete | RAI 34 response on October 15, 2009; ML09309162 | 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. ML105530429 | 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 | 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 | SBPA IBR review complete | N/A | | | | | | N/A | Yes | | Technical review completed | |
| | Emergency Diesel Engine Starting System | 9.5.6 | N/A | N/A | SBPA IBR review complete | N/A | | | | | | N/A | Yes | | Technical review completed | |
| | Emergency Diesel Engine Lubrication System | 9.5.7 | N/A | N/A | SBPA IBR review complete | N/A | | | | | | N/A | Yes | | Technical review completed | |
| | Emergency Diesel Engine Combustion Air Intake and Exhaust System | 9.5.8 | N/A | N/A | SBPA IBR review complete | N/A | | | | | | N/A | Yes | | Technical review completed | |
| | Turbine Generator | 10.2 | N/A | N/A | SBPA PSER complete IBR | N/A | | | | SEPA SER complete | | N/A | Yes | No open items | Phase 2 SE issued | |
| | Turbine Rotor Integrity | 10.2.3 | 6 (2814) | 6/28/2009 ML091270403 | CIB PSER complete, | 06/17/2009; ML091740112 | 169 (4846) | | 7/6/2010 | | 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 | | SEPA SER complete | | N/A | Yes | RAIs 16 and 7 are closed. | Phase 2 SE issued | |
| | Steam and Feedwater 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 | 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 System | 10.4.6 | N/A | N/A | CIB PSER review complete IBR | N/A | N/A | N/A | N/A | CIB SER completed March 8, 2010 | | N/A | 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 | 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 | ML092390344; 08/24/2009 | N/A | N/A | N/A | CIB SER provided, March 11, 2010 | | 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 | 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 | N/A | | | | N/A | | | Phase 2 SE issued |
| Chapter 11 | Liquid Waste Management System | 11.2 | 29 (2747) | 9/14/2009 | SBPA secondary reviewer completed PSER, CHPB primary review complete. | RAI 29 response ML092720676 on 9/24/2009. | | | | received technical input from SBPA. | Luminant submitted response to RAIs 203 and 214 on April 19, 2011 (ML1111A1D1). | 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) | | | | Response to RAIs 201, 208, and 207 were submitted April 13, 2011 (ML1104A053). | | | 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 | | | | | 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 | 11.4 | 38(2748), 38(3401) | 9/2/2009 for both RAIs | 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). | | | 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) | | | | | | | | 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 Pumping 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 | |
| | | 12.1 | 118(3316) | 10/5/2009 | CHPB PSER complete | On November 16, 2009, RAI response on ML093230229 | | | | | N/A | | | RAI 118 questions 12.1-2 and 12.1-3 are confirmatory items. Rest of RAI 118 is closed. | Phase 2 SE issued | |
| Part 2 Chapter 12 | Occupational Radiation Exposure (As is Reasonably Achievable) | 12.2 | 85(3509); 89(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 | |
| | | 12.3-12.4 | 99(3511); | 9/30/2009 for RAI 99 | CHPB PSER complete | November 11, 2009, RAI response on ML093200501 | | | 12/1/2010 | | On February 24, 2010, Luminant provided its response to RAI 133. ML100660489; Luminant provided supplemental response on March 18, 2011 (ML110800629). | N/A | | RAI 99 is a confirmatory item. Both questions 12.3-12.4 are confirmatory items. RAI 133 is open item. | Phase 2 SE issued | |
| Part 2 Chapter 12 | Radiation Protection Design Features | 12.3-12.4 | 118(3318) | 10/5/2009 for RAI 119 | CHPB PSER complete | On November 16, 2009, RAI response on ML093230229 | | | | Response to RAI 225 provided 9/16/2011. ML11262A293. Third supplemental response to RAI 135 issued 1/29/2010. RAI 225 135 was submitted July 28, 2011. ML11273A098 | | | | RAI 119 12.3-12.4-2,3,4 are confirmatory items. 12.5-12.4-8 was closed with RAI 139 as follow-up question. | Phase 2 SE issued | |
| | | 12.5 | 100(3319) | 9/30/2009 for RAI 100 | CHPB PSER complete | November 11, 2009, RAI response on ML093200501 | | | 2/1/2010 | | Luminant's response submitted March 2, 2010 (ML11272C3). On March 22, 2011, Luminant submitted supplemental response to RAI 135. (ML102670189). Second supplemental response submitted April 13, 2011 (ML1104A052). | 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 | |
| Part 2 Chapter 12 | Operational Radiation Protection Program | 12.5 | 117(3510) | 10/5/2009 for RAI 117 | CHPB PSER complete | On November 16, 2009, RAI response on ML093230229 | | | | | | N/A | | RAI 117 is confirmatory items. | Phase 2 SE issued | |
| | | 13.1.1 | 68(2536) | 9/20/2009 | NROD/CIP/COLP PSER received | Luminant provided response on 11/5/2009. See ML093130123 | N/A | | | | N/A | | Yes | RAI 68 (2536) is closed. | Phase 2 SE issued | |
| Part 2 Chapter 12 | Operating Organization | 13.1.2-13.1.3 | 69(2537) | 9/20/2009 | NROD/CIP/COLP PSER received | Luminant provided response on 11/5/2009. See ML093130123 | N/A | | | | | N/A | Yes | RAI 69 (2537) is closed. | Phase 2 SE issued | |
| | | 13.2.1 | N/A | N/A | NROD/CIP/COLP PSER received | 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 | NROD/CIP/COLP PSER received | N/A | | | | | | N/A | Yes | No open items | Phase 2 SE issued | |

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|-----------|--|-------------|--------------|---------------------------------|----------------------------------|---|--------------|---------------------|---|---|--|----------------------|------------------|--|---|---|
| | Emergency Planning | 13.3 | 70(3295) | 9/20/2009 | NSR/DPR/DEP/ONR/LB 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 | |
| | Emergency Planning | 13.3 | 76(3327) | 9/24/2009 | NSR/DPR/DEP/ONR/LB PSER complete | On November 18, 2009, RAI responses were provided. ML093240321. Supplemental RAI responses provided November 12, 2009 on ML093510532. | | EIE | 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 (ML100700282). On June 3, 2010, Luminant submitted EIE Report Revision 3 (ML101610147). | N/A | Yes | RAIs 134 and 137 are closed. RAI 78 has 13 confirmatory items. | Phase 2 SE issued | |
| | Emergency Planning | 13.3 | 86(3183) | 9/26/2009 | NSR/DPR/DEP/ONR/LB 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 | |
| | Operational Programs | 13.4 | N/A | N/A | N/A | N/A | | | | | Luminant submitted its responses to RAI 255 on May 16, 2012 (ML121384203). | | | | | |
| | 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, (ML100150289). | | | 03/10/2010 for RAI 151; RAI 167 issued 11/22/2010 | | 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 (ML102630049). | N/A | Yes | RAI 71 (3592) has confirmatory items. RAIs 151 and 167 are closed. | Phase 2 SE issued | |
| | Administrative Procedures - General | 13.5.1.1 | 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 | 13.5.1.2 | 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 | 13.5.2.1 | 37(3033) | 9/4/2009 | NROD/CIP/COLP PSER received | RAI response submitted on October 19, 2009 (ML093370170) | | | | | Luminant provided its response December 8, 2011. Supplemental response on 2/20/2012 (ML12053A071) | N/A | Yes | RAI 37 (3033) is closed. | Phase 2 SE issued | |
| | Physical Security | 13.6 | N/A | N/A | N/A | N/A | | | 10/14/2011 | High assurance evaluation report due 10/31/2012 | | N/A | | review complete for phase 2, now on Phase 4. | | |
| | Physical Security | 13.6 | N/A | N/A | deferred to phases 2 and 4 | N/A | | | 9/4/09/2010 for 161 and 12/13/2010 for RAI 194 | High assurance evaluation report due 10/31/2012 | Luminant provided response to RAI 194 on January 27, 2011 (ML110310022). | N/A | | RAI 161 is closed, 13.6.1-9 and 13.6.10 are confirmatory items. RAI 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000 | RAI 161, 13.6-1-52 review complete for phase 2, now on Phase 4. | |

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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. ML100550345 | 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. ML100550345 | 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 provided its response to RAI 199 (ML110810760). | N/A | Yes | 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 2009. Response to RAI 238 (ML11349A955). | N/A | | RAI 86 and 129 are closed. | Phase 2 SE issued | |
| | | | 86(3593) | 9/26/2009 | CHPB PSER complete | Luminant provided response on 11/5/2009. Sub ML093130124 | RAI 129 4209 | consensus standard | 17-Jan-10 | | On February 22, 2010, Luminant provided its responses to RAI 125, 129, 130, 131, and 132. ML100550345 | N/A | | RAI 86 and 129 are closed. | June-12 | |
| | | | 74(3074) | 9/23/2009 | COVP PSER complete | Response provided on November 11, 2009; ML093220204 | | | | | Response to RAI 173, 184, and 186 submitted November 24, 2010; (ML103340709) | 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) | 9/20/2009 | | Response provided on November 11, 2009; ML093220204 | | follow up to RAI 75 | 25-Aug-10 | | Luminant provided its response on June 25, 2010. ML101810450. Luminant provided supplemental response on January 27, 2011 (ML110310292). | N/A | | RAI 163 (4712) is closed; RAI 75 closed. | June-12 | |
| | | | N/A | N/A | N/A | N/A | RAI 163 (4712) | | 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. | | | | | | |
| | | | 86(3790) | 9/30/2009 | | November 11, 2009, RAI response provided on ML093200501 | RAI 256 (6456) and RAI 257 (6457) | UHS/HRSES WS for RAI 256; water hammer and pumps for RAI 257 | | | Luminant sent a supplement to RAI 98 on June 7, 2012 (ML12165A013). | | | RAI 164 is closed. RAI 98 is closed, follow up RAI to be issued. | June-12 | |
| | Inspections, Tests, Acceptance Criteria - Structural and Systems | 14.3 | 1 (2328) | 03/30/2009 | RAI response received; QTSB PSER complete | 05/01/2009 ML091250488 | RAI 164 (4681) | Table 1.9-201 (RG table) | 19-May-10 | | Luminant provided its response on June 25, 2010. ML101810450 | N/A | | RAI 1 is closed. | March-12 | |
| | Engineering - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.2 | N/A | N/A | SEB 1 PSER and review complete | N/A | | | | | | | | | | |
| | Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.3 | 56(2583) | 9/14/2009 | EMBI PSER completed for Phase 1 | RAI 156 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 (ML11314A045). | N/A | | RAI 56 14.3.3-1, 2 confirmatory item, rest are closed. RAI 212 is closed. | November-13 | |
| | Reactor Systems - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.4 | N/A | N/A | SRSB PSER complete, IBR | N/A | N/A | N/A | | SRSB SER IBR | | N/A | Yes | No open items | technical input provided by reviewers | |
| | Instrumentation and Controls - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.5 | N/A | N/A | ICE1 PSER complete | 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 (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. | N/A | | | | | |
| | Plant Systems - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.7 | N/A | N/A | N/A | N/A | RAI 177 (5027) RAI 181 (5089) | | 09/09/2010 for RAI 177, 10/19/2010 for RAI 181 | Need to have call on RAI 174 - RAI 177 and 181 to discuss COLA rev. 2. | Response to RAI 181 submitted October 29, 2010 (ML103680049). 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 (ML12960A378). | 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(3295) 83(352) | 9/25/2009 for all three RAIs | CTSIB PSER complete. SPCV wrote RAI 83 | Response on 11/13/2009; ML093210468 | RAI 174 (5004) RAI 175 (5005) RAI 176 (5029) | | September 2, 2010 for RAI 174, 175, 176 | Need to have call on RAI 174 - RAI 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. RAIs 174, 175, 177 are follow-up to RAI 81. RAIs 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 | | N/A | | | N/A | Yes | No open items | technical input provided by reviewers | | |
| | 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 | COLP SER completed IBR | | N/A | Yes | No open items | technical input provided by reviewers | | |
| | Emergency Planning - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.10 | N/A | N/A | NSIR/DR/DEP/ONR/IBR PSER complete | N/A | N/A | | N/A | | | N/A | Yes | | technical input provided by reviewers | | |
| | Containment Systems - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.11 | N/A | N/A | SPCV PSER complete IBR. Other secondary reviews. | N/A | N/A | | N/A | | | N/A | Yes | | SPSV technical input provided by reviewers | | |
| | Physical Security - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.12 | N/A | N/A | deferred to phases 2 and 4 | N/A | RAI 211 (5494) | | 3/16/2011 | | Luminant submitted response to RAIs 210 and 211 on April 19, 2011. (ML1111A102) | N/A | | RAI 211 is closed. | 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 | IBR | N/A | N/A | 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 |
|-----------|---|---------------|---------------|---------------------------------|-------------------------------|--------------------------------|---------------|---------------------|---------------------------------|------------------|--------------------------------|----------------------|------------------|--|---------------------------------|---|
| | 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 Steam Generator Advanced Light Water Reactions | 15.0.3 | N/A | N/A | RSAC review and PSER complete | N/A | N/A | N/A | N/A | | | N/A | YES | No open items | SER w/OI complete | |
| | Decrease in Feed water Temperature, Increase in Feed water Flow, Increase in Steam Flow, Increase in Condensate Flow, Loss of Cooling 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 | | |
| | Steam System Piping Failures Inside and Outside of Containment (PWR) | 15.1.5 | N/A | N/A | SRSB review complete IBR | N/A | N/A | N/A | N/A | IBR | | N/A | YES | No open items | SER w/OI complete | |
| | Loss of External Load; Turbine Trip; Loss of Feedwater; Loss of Steam Pressure; 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 | YES | No open items | | |
| | 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; System Pipe Breaks Inside and Outside Containment (PWR) | 15.2.7 | N/A | N/A | SRSB review complete IBR | N/A | N/A | N/A | N/A | IBR | | N/A | YES | No open items | SER w/OI complete | |
| | Loss of Forced Reactor Coolant Flow including Turbine Trip, Pump Motor and Pump Failure, Control Room Malfunctions | 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 | |
| | Reactor Coolant Pump Rotor Seizure and Reactor Coolant Pump Shaft Break | 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 | |
| | Uncontrolled Control Rod Assembly Withdrawal from a Subcritical or Low Power Startup Condition | 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 at Power | 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 | 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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| 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 |
|-----------|--|---------------|-------------------|---------------------------------|---|---|---------------|---------------------|---------------------------------|------------------|--|----------------------|------------------|---|---------------------------------|---|
| | Startup of an Inactive Loop or Recirculation Loop at an Inactive 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 System (RCS) Flow | 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 (PER) | 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 Involves the 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 Pressurizer 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) - Fuel Element 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 | CHRS to review. Refer to BTP 11-L6, 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. Reliability, & Admin Chrs. 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 ML0932/0501 complete | N/A | N/A | 3-Mar-10 | | Luminant provided its response on April 5, 2010, ML100970215 | 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 & Shift Chrgs: Technical Specifications | 16.1 | 10/9/2009 | 1201(3834) | 10/9/2009 | CTS B PSER complete, all secondary reviewers complete | On November 11, 2009, RAI responses on ML0932/0501 | | | | | | N/A | | RAI 149, question 16-19, secondary item, RAI 120 closed. | September-12 | | |
| | S/Ls, Relativity, Core Op Limits, & Special Ops: Technical Specifications | 16.2 | N/A | N/A | N/A | CTS B PSER complete | N/A | | | | | Response to RAI 173, 184, and 186 submitted November 24, 2010. (ML103340109) | N/A | | RAI 186 is closed. | September-12 | | |
| | Instrumentation: Technical Specifications | 16.3 | N/A | N/A | N/A | CTS B PSER complete | N/A | RAI 186 (5164) | | | | | | | | | | |
| | RCS & ECCS: Technical Specifications | 16.4 | N/A | N/A | N/A | CTS B PSER complete | N/A | | | | | | | | | | September-12 | |
| | Containment Systems: Technical Specifications | 16.5 | N/A | N/A | N/A | SFCV PSER complete. CTS B PSER complete. | N/A | | | | | | | | | | September-12 | |
| | Electrical Power Sys: Technical Specifications | 16.6 | N/A | N/A | N/A | CTS B PSER complete | N/A | | | | | | | | | | September-12 | |
| | Quality Assurance During the Design and Construction Phases | 17.1 | 79 (2996) | 9/25/2009 | 9/25/2009 | N/A | Luminant responded on November 13, 2009 (ML0932/0465) | | | | | COVA SER completed May 27, 2010 | Luminant submitted Response to RAI 187 on December 16, 2010. (ML1018920) | N/A | | | September-12 | |
| | Reliability Assurance Program (RAP) | 17.4 | 92(3688) | 9/29/2009 | 9/29/2009 | SPLB PSER complete | RAI response provided on December 9, 2009 (ML0934/0887) | | | | 11/16/2010 | | RAI 189 on 27/2011 (ML110390574). | N/A | | | RAI 92 is closed. | |
| | Reliability Assurance Program (RAP) | 17.4 | N/A | N/A | N/A | SPLB PSER complete | N/A | | | | | Luminant submitted in RAI 197, 4/12/2012 for RAI 253 (6410), PRA and D-RAP (ML12139A203). | Response to RAI 198 and 197 submitted February 18, 2011. ML110550429 | N/A | | RAI 197 is closed. | technical input provided by reviewers | |
| | Maintenance Rule | 17.6 | N/A | N/A | N/A | SPLB PSER complete | N/A | | | | | N/A | | N/A | Yes | No open items | sent to SER writer | |
| | HFE Program Management | 18.1 | N/A | N/A | N/A | COLP PSER complete, IBR | N/A | | | | | IBR | N/A | N/A | Yes | No open items | SER w/ OI complete | |
| | Operating Experience Review | 18.2 | N/A | N/A | N/A | COLP PSER complete, IBR | N/A | | | | | IBR | N/A | N/A | Yes | No open items | SER w/ OI complete | |
| | Functional Requirements Analysis and Function Allocation | 18.3 | N/A | N/A | N/A | COLP PSER complete, IBR | N/A | | | | | IBR | N/A | N/A | Yes | No open items | SER w/ OI complete | |
| | Task Analysis | 18.4 | N/A | N/A | N/A | COLP PSER complete, IBR | N/A | | | | | IBR | N/A | N/A | Yes | No open items | SER w/ OI complete | |
| | Staffing and Qualifications | 18.5 | N/A | N/A | N/A | COLP PSER complete, IBR | N/A | | | | | IBR | N/A | N/A | Yes | No open items | SER w/ OI complete | |
| | Human Reliability Analysis | 18.6 | N/A | N/A | N/A | COLP PSER complete, IBR | N/A | | | | | IBR | N/A | N/A | Yes | No open items | SER w/ OI complete | |
| Human-System Interface Design | 18.7 | N/A | N/A | N/A | COLP PSER complete, IBR | N/A | | | | | IBR | N/A | N/A | Yes | No open items | SER w/ OI complete | | |

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|-----------|--|-------------|---------------------------------|--|--------------------------------|--------------------------------|--|--|---|---|----------------------------------|------------------|---|---------------------------------|---|
| | Procedure Development | 18.8 | 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 | 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 | 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 | 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 | 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 Reactor Evaluation for New Reactors | 19 | 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 (ML1111A102) on April 19, 2011. | Luminant submitted response to RAI 210 and 248 on April 19, 2011. | N/A | N/A | | RAI 210 is closed. RAI 248 is a follow-up to RAI 210 | September-12 | Technical reviews resolving DCD issues. |
| | Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-Informed Activities | 19.1 | 26/3/2009 28/3/21/4 | RAI 26 response is ML092670160 on 9/22/2009 and RAI 28 response is ML092720676; ML092720676 on 9/24/2009 | N/A | RAI 165 (4619); RAI 232 (6945) | follow up to RAI 26 follow up to RAI 165 | 5/19/2010 10/7/2011 | Luminant provided its response on June 24, 2010. (ML101810138) Luminant submitted its response to RAI 232 and 237 on 12/6/2011 (ML1134A021). | N/A | RAI 232 response is 120 days old | | RAI 26 and 28 and 165 are closed | September-12 | Technical reviews resolving DCD issues |
| | Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-Informed Activities | 19.1 | N/A | N/A | N/A | RAI 218 (5731) | RITS | 5/6/2011 | Luminant provided its response July 14, 2011 (ML11195A012). | N/A | N/A | | RAI 218 is closed. | September-12 | Technical reviews resolving DCD issues |
| | seismic margin analysis | 19.1 | 9/29/2009 | November 11, 2009, RAI response on ML092500501 | N/A | RAI 166 (4638); RAI 259 (6441) | follow up to RAI 28 RMTS | 5/20/2010 5/29/2012 (ML1219A248) | Luminant submitted response on June 21, 2012 (ML1219A248) | N/A | N/A | | RAI 166 is closed. RAI 93 is a confirmatory item. | September-13 | Technical reviews resolving DCD issues (RAI 93 looking at RAI 93) |
| | Risk informed TS | 19 | N/A | N/A | N/A | RAI 230 (6001) | RMTS | 9/19/2011 | Luminant submitted the TS implementation Memorandum on June 30, 2011 (ML111832293) | Response to RAI 230 submitted October 21, 2011 (ML1130A246). Submitted April 18, 2012 (ML1210A207). | N/A | | RAI 230 is confirmatory item. | September-12 | |
| | Risk informed TS | 19 | N/A | N/A | N/A | RAI 230 (6001) | RMTS | 9/19/2011 | Luminant submitted the TS implementation Memorandum on June 30, 2011 (ML111832293) | Response to RAI 230 submitted October 21, 2011 (ML1130A246). Submitted April 18, 2012 (ML1210A207). | N/A | | RAI 230 is confirmatory item. | September-12 | |
| | Review of Risk Information and the Impact of Plant-Specific Changes to the Licensing Basis: General Guidance | 19.2 | N/A | SEB1 and SPLA PSER complete | N/A | RAI 191 (4986) | loss of large area event | November-10 | Luminant submitted its response January 31, 2011 (ML11030A54 letter only) | N/A | N/A | | currently in Phase 4. Question 1 is confirmatory. All others are closed | September-12 | |
| | loss of large area due to fire | 19.X | | | | | | | | | | | | | |

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 ML101670095 for Public. | | | | review is On Hold | |
| Part 1 | Administrative and Financial Information | N/A | N/A | N/A | N/A | N/A | N/A | foreign ownership obligation | RAI issued October ML102220164 | | December 16, 2010 is date of response. Public version is ML103540244. | | | | 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 | ITAAC and License Conditions | | | | | | | | | | | | | | | |
| Part 11 | COLA Endorses OAPD | | | | | | | | | On June 24, 2010, Luminant provided Revision 1 to Part 11 and Rev 2 to OAPD | June 24, 2010 submittal - ML101810400 | | | | | |

RAI responses > 500 days old

RAI responses > 180 days old and < 365 days old

RAI responses > 365 days old and < 500 days old

RAI responses < 180 days old

Comanche Peak COL Project Status Table

| Phase 4 comments | | Phase 4 RAls | | IRA Response dates | | Phase 4 Advanced SE | |
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Comanche Peak COL Project Status Table

| Phase 4 comments | Phase 4 RAIs | IRAI Response dates | Phase 4 Advanced SE |
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Comanche Peak COL Project Status Table

| Phase 4 comments | Phase 4 RAls | IRAl Response dates | Phase 4 Advanced SE |
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Comanche Peak COL Project Status Table

| Phase 4 comments | Phase 4 RAIs | RAI Response dates | Phase 4 Advanced SE |
|---|--------------|--------------------|---------------------|
| Provide date Luminant responds to OI and PH SE issued to section 2.5 RGS. | | | |
| Provide date Luminant responds to OI and PH SE issued to section 2.5 RGS. | | | |
| Provide date Luminant responds to OI and PH SE issued to section 2.5 RGS. | | | |
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| Provide date Luminant responds to OI and PH SE issued to section 2.5 RGS. | | | |
| Provide date Luminant responds to OI and PH SE issued to section 2.5 RGS. | | | |
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Comanche Peak COL Project Status Table

| Phase 4 comments | Phase 4 RAIs | RAI Response dates | Phase 4 Advanced SE |
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| Provide date Lumbhart responds to OI and PA SE issued in section 2.5 RGS. | | | |

Comanche Peak COL Project Status Table

| Phase 4 comments | Phase 4 RAIs | RAI Response dates | Phase 4 Advanced SE |
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| Provide date Luminant responds to OI and PM SE issued to section 2.5 RGS. | | | |
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Comanche Peak COL Project Status Table

| Phase 4 comments | Phase 4 RAIs | RAI Response dates | Phase 4 Advanced SE |
|-------------------------------|----------------|---|---------------------|
| 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 (ML11262A285) RAI 227 is closed. | |
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Comanche Peak COL Project Status Table

| Phase 4 comments | Phase 4 RAIs | RAI Response dates | Phase 4 Advanced SE |
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