

PMComanchePeakPEm Resource

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Cc: ComanchePeakCOL Resource
Subject: Comanche Peak COL Project Status Report
Attachments: Comanche Peak COLA project status List.xlsx

I am sending you the weekly project status report.

Thanks,

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

Hearing Identifier: ComanchePeak_COL_Public
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Subject: Comanche Peak COL Project Status Report
Sent Date: 11/30/2010 3:57:45 PM
Received Date: 11/30/2010 3:57:47 PM
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Comanche Peak 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 1 ECD for RAIs / Complete | Phase 2 Telecon Date | Phase 2 RAI # | Phase 2 RAI Subject | Phase 2 Final RAI Issuance Date | Phase 2 Comments | Phase 2 Luminant Response Date | Proprietary Withholding Letter | Phase 2 Complete | Phase 2 Open Item (ML Number of chapter SER) | Phase 2 Issue SER W/ OI and ECD |
|---------------|---|---------------|---------------|---------------------------------|---|--|---------------------------------|----------------------|--------------------------|---|---|--|---|--------------------------------|------------------|--|---------------------------------|
| 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 | Yes | | 153(4449) | DOE Contract Numbers | 27-Apr-10 | | ML101241023 dated April 30, 2010 is the RAI response. | N/A | Yes | No open items | review complete |
| Part 2 Chap 1 | Introduction and Interfaces | 1 | | | | | yes | | 154 (4494) | DC rulemaking | 27-Apr-10 | | after outcome of DC rulemaking | | | RAI 01-3 is an open item | February-11 |
| | Site Location and description | 2.1.1 | N/A | N/A | RSAC PSER and review complete | N/A | yes | N/A | N/A | N/A | N/A | RSAC SER and review complete | | N/A | Yes | No open items | review complete |
| | Exclusion Area Authority and Control | 2.1.2 | N/A | N/A | RSAC PSER and review complete | N/A | yes | N/A | N/A | N/A | N/A | RSAC SER and review complete | | N/A | Yes | No open items | review complete |
| | Population Distribution | 2.1.3 | N/A | N/A | RSAC PSER and review complete | N/A | yes | N/A | N/A | N/A | N/A | RSAC SER and review complete | | N/A | Yes | No open items | review complete |
| | 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 | yes | N/A | N/A | N/A | N/A | RSAC SER and review complete | | | | RAIs 02.02.02-1 and 02.02.02-2 are confirmatory items. | review complete |
| | Evaluation of Potential Accidents | 2.2.3 | 31 (2844) | 9/3/2009 | RSAC PSER and review complete | Responded to RAI 31 on October 15, 2009; ML093090162 | yes | N/A | N/A | N/A | N/A | RSAC SER and review complete | | | | RAIs 02.02.03-1 and 02.02.03-5 are confirmatory items. | review complete |
| | 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. ML093240321 | yes | | 125(3968) | refrigerants and applicability to RG 1.78 | 1/4/2010 | RSAC SER and review complete | On February 22, 2010, Luminant provided its responses to RAIs 125, 129, 130, 131, and 132. ML100550345 | | | RAIs 02.02.03-1 and 02.02.03-5 are confirmatory items. | review complete |
| | Regional Climatology | 2.3.1 | 51(3555) | 9/9/2009 | RSAC PSER and review complete | ML092990303; 10/21/09 | Yes | N/A | 155(4606) | | 27-Apr-10 | | RAI Response provided on June 7, 2010. ML101610137. Based on conference call on 8/13/2010, Luminant provided supplemental response 9/29/2010 (ML102780288). Supplemental response provided on 10/29/2010 (ML103060043). | N/A | | RAI 51 is closed. RAI 155, 02.03.01-6 open item | January-11 |
| | Local Meteorology | 2.3.2 | 45(3556) | 9/5/2009 | RSAC PSER and review complete | RAI response submitted on October 19, 2009 (ML093370170) | Yes | | 156(4607) | | 27-Apr-10 | Luminant provided a supplemental response to RAIs 45 and 46 on February 5, 2010. ML100481138 | RAI Response provided on June 7, 2010. ML101610137. Based on conference call on 8/13/2010, Luminant provided supplemental response 9/29/2010 (ML102780288). | | | RAI 45 is closed. RAI 156, 02.03.02-4 is open item | January-11 |
| | Onsite Meteorological Measurements Programs | 2.3.3 | 3(2584) | 04/24/2009 ML091270429 | RSAC PSER and review complete | 5/8/2009 ML091330346 for RAI 3; | Yes | N/A | 157(4608) | | 27-Apr-10 | | RAI Response provided on June 7, 2010. ML101610137 | N/A | | RAI 3 is closed. RAI 157 is closed. | January-11 |
| | Onsite Meteorological Measurements Programs | 2.3.3 | 46(3557) | 9/5/2009 | RSAC PSER and review complete | RAI response submitted on October 19, 2009 (ML093370170) | Yes | | 190 (5250) | | November-10 | Luminant provided a supplemental response to RAIs 45 and 46 on February 5, 2010. ML100481138 | Luminant's response to RAI 190 is due in 35 days. | | | RAI 46 is closed. | January-11 |
| | Short-term Dispersion Estimates for Accident Releases | 2.3.4 | 72(3558) | 9/23/2009 | RSAC PSER and review complete | Response provided on November 11, 2009; ML093220204 | Yes | | 158(4613) | | 27-Apr-10 | | Luminant provided its response on June 25, 2010. ML101810450 | | | RAI 158 is closed. RAI 72 is closed. | January-11 |
| | 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 | Yes | N/A | 160(4609) | | 27-Apr-10 | | RAI Response provided on June 7, 2010. ML101610137 | N/A | | RAI 160 is closed. RAI 61 is closed. | January-11 |
| | Hydrology | | | | | | | | | | | | | | | | January-11 |
| | Hydrologic Description | 2.4.1 | 95(3675) | 9/30/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | Yes | | 138(4308) | | 2/18/2010 | On March 3, 2010, Luminant submitted supporting calculations. ML100750040 | Response to RAI provided July 16, 2010 ADAMS ML102070358 | | | RAI 95 closed. RAI 101 is closed. | February-11 |
| | Hydrologic Description | 2.4.1 | 101(3663) | 10/01/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | Yes | | | | | | | | | RAI 138 if follow-up to RAI 101 | February-11 |
| | Floods | 2.4.2 | 102(3664) | 10/1/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | Yes | | 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 (ML10286723). | | | RAI 139 if follow-up to RAI 102. RAI 102 is closed. | February-11 |
| | 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 | Yes | | 143(4310) RAI 188 (5225) | | 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; Response to RAI 188 due 35 days from 11/15/2010. | | | RAI 143 is a follow-up to RAI 105. RAI 105 is closed. | February-11 |
| | Potential Dam Failures | 2.4.4 | 111(3666) | 10/2/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | Yes | | 140(4311) | | 2/21/2010 | On March 3, 2010, Luminant submitted supporting calculations. ML100750040 | Response to RAI provided July 16, 2010 ADAMS ML102070358 | | | RAI 140 is a follow-up to RAI 111. RAI 111 is closed. | February-11 |

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|---|--|-------------|---------------|---------------------------------|--|---|---------------------------------|----------------------|----------------|---------------------|---------------------------------|---|---|---|------------------|--|---|--|------------|
| Part 2 Chap 2 | Probable Maximum Surge and Seiche Flooding | 2.4.5 | 112(3667) | 10/2/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705. | Yes | | 144(4312) | | 2/21/2010 | On March 3, 2010, Luminant submitted supporting calculations. ML100750040 | Response provided on April 20, 2010 (ML101120090) and August 26, 2010 (ML102440672) | | | RAI 144 is closed. RAI 112 is closed. | February-11 | | |
| | Probable Maximum Tsunami Hazards | 2.4.6 | 107(3668) | 10/2/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | Yes | | | | | | | | | RAI 107 is closed | February-11 | | |
| | Ice Effects | 2.4.7 | 104(3669) | 10/1/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | Yes | | 141(4313) | | 2/21/2010 | On March 3, 2010, Luminant submitted supporting calculations. ML100750040 | Response on May 6, 2010 (ML101310141) | | | RAI 141 is closed. RAI 104 is closed. | February-11 | | |
| | Cooling Water Canals and Reservoirs | 2.4.8 | N/A | N/A | RHEB PSER complete | N/A | Yes | | | | | | | | | | | February-11 | |
| | Channel Diversions | 2.4.9 | N/A | N/A | RHEB PSER complete | N/A | Yes | | | | | | | | | | | February-11 | |
| | Flooding Protection Requirements | 2.4.10 | 103(3670) | 10/1/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | Yes | | | | | | | | | | RAI 103 is closed | February-11 | |
| | Low Water Considerations | 2.4.11 | 113(3671) | 10/2/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | Yes | | | | | | | | | | RAI 113 closed | February-11 | |
| | Groundwater | 2.4.12 | 114(3672) | 10/2/2009 | RHEB PSER complete | November 13, 2009, RAI response on ML093230705 | Yes | | 147 (4314) | | | 2/26/2010 | On March 3, 2010, Luminant submitted supporting calculations. ML100750040 | Response provided on August 26, 2010 (ML102440672) | | | RAI 147 is a follow up to RAI 114. RAI 114 is closed. | February-11 | |
| | Accidental Releases of Radioactive Liquid 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 | Yes | | 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 (ML102660635). | | | RAI 145 is a follow-up to RAI 116. RAI 116 is closed. | February-11 | |
| | Technical Specifications and Emergency Operation Requirements | 2.4.14 | 96(3674) | 9/30/2009 | RHEB PSER complete | November 11, 2009, RAI response on ML093200501 | Yes | | 142(4316) | | | 2/23/2010 | | On March 30, 2010, Luminant submitted its response to RAI 142. (ML100910084) | | | RAI 142 is closed. RAI 96 is closed. | February-11 | |
| | Basic Geologic and Seismic Information | 2.5.1 | 21(3015) | 7/15/2009 | | ML092440357, dated 8/28/2009; ML092740182, dated 9/28/2009; and ML092820486 dated 9/10/2009 | Yes | | RAI 179 (5052) | | | 10-Sep-10 | | Response to RAI 179 submitted October 11, 2010 ML102861203. | | | RAI 179 is a follow-up to RAI 21. RAI 21 is closed. | January-11 | |
| | Basic Geologic and Seismic Information | 2.5.1 | 15(3080) | 7/13/2009 | | ML092820486, dated 9/10/2009 | Yes | | | | | | | | | | RAI 15 is closed. | January-11 | |
| | Basic Geologic and Seismic Information | 2.5.1 | 14(3037) | 7/13/2009 | | ML092440357, dated 8/28/2009 provided response to RAI 14 | yes | | | | | | | | | | RAI 14 is closed. | January-11 | |
| | Vibratory Ground Motion | 2.5.2 | | | | | | | | | | | | | | | | RAI response 168 received 8/19/2010 (ML102370665). Supplemental response to RAIs 168 and 170 submitted 10/21/2010 (ML102980032). | January-11 |
| | 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; ML093080116; Additional response on December 14, 2009 (ML093561101) | yes | | | ground motion | | | Response on December 14, 2009 ML093561101 for RAI 11. Sensitivity analyses and results submitted March 3, 2010 (ML100640193). Luminant submitted replacement figure A3-7 on March 22, 2010 ML100830218. | Response on December 14, 2009 ML093561101 for RAI 11. Sensitivity analyses and results submitted March 3, 2010 (ML100640193). Supplemental response to RAIs 11 and 109 was provided on February 22, 2010 (ML100550203). | N/A | | RAI 11 is closed. | January-11 | |
| | Surface Faulting | 2.5.3 | 18(3016) | 7/14/2009 | RGS1 PSER complete. | ML092820486, dated 9/10/2009 | yes | 11/16/2009 | RAI # 11 | | | N/A | | | | | | RAI 18 closed | January-11 |
| 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. RAI responses 1, 2, 3, 4; 9, 10, and 17 on October 28, 2009; ML093080116 | yes | | | | | | | | | | | Luminant provided response on September 10, 2010 for RAI 170. Supplemental response to RAIs 168 and 170 submitted 10/21/2010 (ML102980032). | RAI 170 is a follow-up to RAI 22. RAIs 22 and 170 are closed. | January-11 |

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|-----------|---|-------------|---------------|---------------------------------|--|--|---------------------------------|----------------------|---------------|---------------------|---------------------------------|--|--|--------------------------------|------------------|--|---------------------------------|
| | Stability of Slopes | 2.5.5 | 19(2930) | 7/14/2009 | RGS1 PSER complete. All other RAI responses on September 10, 2009 | ML092740182, dated 9/28/2009; and ML092820486, dated 9/10/2009 provided RAI responses. Responded to RAI 2.5.5-1 on October 28, 2009; ML093080116 | yes | | | | | | | | | RAI 19 is closed. | January-11 |
| | Seismic Classification | 3.2.1 | 47(2758) | N/A | EMB2 PSER complete, IBR | RAI response submitted on October 19, 2009 (ML093370170) | yes | | | | | | | | | | January-11 |
| | System Quality Group Classification | 3.2.2 | 67(2757) | 9/20/2009 | EMB2 PSER completed | Luminant provided response on 11/5/2009. See ML093130123 | yes | | 180 (5090) | | 27-Sep-10 | | Response received November 18, 2010 (ML103260234). | | | | January-11 |
| | Wind Loadings | 3.3.1 | 54(2818) | 9/14/2009 | SEB1 PSER complete | RAI 54 response received 10/26/2009 ML093010366 | Yes | | | | | On November 8, 2010, Luminant provided its supplemental response to RAIs 2818 and 2819 (ML103130379) | | | | RAI 54 is closed. | January-11 |
| | Tornado Loadings | 3.3.2 | 66(2819) | 9/20/2009 | SEB1 PSER complete | Luminant provided response on 11/5/2009. See ML093130123 | yes | | 150(4397) | | 3-Mar-10 | On November 8, 2010, Luminant provided its supplemental response to RAIs 2818 and 2819 (ML103130379) | Luminant provided its response on April 5, 2010, ML100970215 | | | RAI 66 is closed. | January-11 |
| | Internal Flood Protection for Onsite Equipment Failures | 3.4.1 | N/A | N/A | SBPA PSER completed; RHEB secondary reviewer on Phase 2 | N/A | yes | | | | | RHEB secondary reviewer | | | | | January-11 |
| | Analysis Procedures | 3.4.2 | N/A | N/A | SEB1 PSER and review complete | N/A | Yes | | | | | | | | | | January-11 |
| | Internally Generated Missiles (Outside Containment) | 3.5.1.1 | N/A | N/A | SBPA PSER complete IBR, monitor DCD | N/A | Yes | | | | | | | | | | January-11 |
| | Internally-Generated Missiles (Inside Containment) | 3.5.1.2 | N/A | N/A | SBPA PSER complete IBR | N/A | yes | | | | | | | | | | January-11 |
| | Turbine Missiles | 3.5.1.3 | 12(2664) | 7/12/2009 | CIB PSER complete; RSAC secondary reviewer complete with PSER; RAI response received | ML092380343 August 24, 2009 | yes | | | | | | | | | | January-11 |
| | Missiles Generated by Tornadoes and Extreme Winds | 3.5.1.4 | N/A | N/A | SBPA PSER complete IBR | N/A | yes | | | | | | | | | | January-11 |
| | Site Proximity Missiles (Except Aircraft) | 3.5.1.5 | 33(2875) | 9/3/2009 | RSAC PSER and review complete | RAI 33 response on 10/15/2009, ML093090162 | Yes | N/A | N/A | N/A | N/A | RSAC SER and review complete | N/A | N/A | Yes | No open items | review complete |
| | Aircraft Hazards | 3.5.1.6 | N/A | N/A | RSAC PSER and review complete | N/A | yes | N/A | N/A | N/A | N/A | RSAC SER and review complete | N/A | N/A | Yes | No open items | review complete |
| | 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 | Yes | N/A | N/A | N/A | N/A | | N/A | N/A | | No open items | January-11 |
| | Barrier Design Procedures | 3.5.3 | 124(2828) | 10/9/2009 | SEB 1 PSER complete | Response provided on November 20, 2009; ML093280698 | yes | | | | | | | | | | January-11 |
| | Plant Design for Protection Against Postulated Piping Failures in Fluid Systems Outside Containment | 3.6.1 | N/A | N/A | SBPA PSER and review are complete. No secondary reviewer. | N/A | Yes | | | | | | | | | | January-11 |
| | Determination of Rupture Locations and Dynamic Effects Associated with the Postulated Rupture of Piping | 3.6.2 | 27(2737) | 8/11/2009 | EMB2 Phase 1 PSER complete | ML092670160, 9/22/2009 | Yes | | | | | | | | | | January-11 |
| | Leak-Before-Break Evaluation Procedures | 3.6.3 | N/A | N/A | CIB PSER complete, IBR | N/A | yes | | | | | | | | | | January-11 |
| | Seismic Design Parameters | 3.7.1 | 55(2876) | 9/14/2009 | SEB 1 PSER complete | RAI 55 response received 10/26/2009; ML093010366 | Yes | | | | | | | | | No issues with responses to RAI 55. | February-11 |
| | Seismic System Analysis | 3.7.2 | N/A | N/A | N/A | N/A | N/A | | 184 (5121) | | 25-Oct-10 | | Response to RAIs 173, 184, and 186 submitted November 24, 2010. (ML103340109) | | | | |
| | Seismic System Analysis | 3.7.2 | 60(2879) | 9/15/2009 | SEB 1 PSER complete | On November 24, 2009, RAI response was provided on ML093340449. | yes | | 171(4760) | | 12-Jul-10 | | RAI response received August 13, 2010 (ML102290040). Luminant sent supplemental response on 10/6/2010 (ML102810218). | | | | February-11 |

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|--|--|-------------|---------------|---|--|---|---------------------------------|----------------------|----------------|----------------------|---------------------------------|---------------------|---|---|------------------|---|--|-------------|
| Part 2 Chap 3 | Seismic Subsystem Analysis | 3.7.3 | 64(2883) | 9/18/2009 | SEB 1 PSER complete | RAI response on 10/30/2009; ML093090163 | yes | | 162(4714) | | 5/18/2010 | | On August 9, 2010, Luminant provided its response to RAI 162 (ML102240247). | | | No issues with responses to RAI 64. | February-11 | |
| | Seismic Instrumentation | 3.7.4 | 53(2814) | 9/9/2009 | RGS1 PSER complete | ML092990303 10/21/2009 | yes | | 146(4294) | CAV | 2/26/2010 | | Luminant provided its response on April 1, 2010, ML100950107 | No | Yes | Open item RAI 146, question 3.7.4-2. Note: pending completion of review of DCD. | review complete | |
| | Concrete Containment | 3.8.1 | 106(2990) | 10/2/2009 | SEB 1 PSER complete | November 13, 2009, RAI response on ML093230705 | yes | | 148(4297) | concrete and tendons | 2/26/2010 | | Luminant provided its response on April 1, 2010, ML100950107 | | | RAI 106 (2990), 3.8.01-1,5,6,7 are confirmatory items. RAI 148 (4297) closed. | February-11 | |
| | Concrete and Steel Internal Structures of Steel or Concrete Containments | 3.8.3 | N/A | N/A | SEB 1 PSER and review complete | N/A | Yes | | | | | | | | | | | February-11 |
| | Other Seismic Category I Structures | 3.8.4 | 108(2994) | 10/2/2009 | SEB 1 PSER complete | Response received December 10, 2009 (ML093480182) | Yes | | RAI 167 (4542) | | | 5/21/2010 | | On August 9, 2010, Luminant provided its response to RAI 167 (ML102240247). | | | RAI 108 (3994) closed. RAI 167 closed. | February-11 |
| | Other Seismic Category I Structures | 3.8.4 | 122(3006) | 10/9/2009 | SEB 1 PSER complete | Response received December 14, 2009 (ML093500123) | yes | | 185 (5092) | | | 10/25/2010 | | Response due for RAI 185 by November 29, 2010 | | | RAI 122 (3006) closed. | February-11 |
| | Foundations | 3.8.5 | 115(2999) | 10/2/2009 | SEB 1 PSER complete | November 13, 2009, RAI response on ML093230705 | yes | | | | | | | | | | RAI 115, 3.8.05-3 thru 5 are confirmatory items. | February-11 |
| | Special Topics for Mechanical Components | 3.9.1 | N/A | N/A | EMB2 IBR PSER completed for Phase 1 | N/A | yes | | | | | | | | | | | January-11 |
| | Dynamic Testing and Analysis of Systems, Structures, and Components | 3.9.2 | N/A | N/A | EMB1 PSER completed for Phase 1 | N/A | Yes | | | | | | | | | | | January-11 |
| | ASME Code Class 1, 2, and 3 Components, and Component Supports, and Core Support Structures | 3.9.3 | 84(2736) | 9/25/2009 | EMB1 PSER completed for Phase 1 | Response on 11/13/2009; ML093210468 | Yes | | | | | | | | | | | January-11 |
| | Control Rod Drive Systems | 3.9.4 | N/A | N/A | EMB2 IBR PSER completed for Phase 1 | N/A | yes | | | | | | | | | | | January-11 |
| | Reactor Pressure Vessel Internals | 3.9.5 | N/A | N/A | EMB2 IBR PSER completed for Phase 1 | N/A | yes | | | | | | | | | | | January-11 |
| | Functional Design, Qualification, and Inservice Testing Programs for Pumps, Valves, and Dynamic Restraints | 3.9.6 | 57(2772) | 9/14/2009 | CIB PSER complete | RAI 57 response received 10/26/2009; ML093010366 | yes | | | | | | Luminant's responses to RAI 57 focused on DCD. As such, staff reviewing DCD before addressing responses to COLA RAI | | | | January-11 | |
| | 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 | Yes | | | | | | | | | | | January-11 |
| | Environmental Qualification of Mechanical and Electrical Equipment | 3.11 | 73(2765); | 9/23/2009 for RAI 73 | CIB PSER complete; EEB primary reviewer- PSER complete | Response provided on November 11, 2009; ML093220204 | yes | | | | | | | | | | | January-11 |
| | Environmental Qualification of Mechanical and Electrical Equipment | 3.11 | 97(3705) | 9/30/2009 for RAI 97 | CIB PSER complete; EEB primary reviewer- PSER complete | November 11, 2009, RAI response on ML093200501 | yes | 2/1/2010 | | | | | | Supplemental response to RAI 97 was provided on March 5, 2010 (ML100700263) | | | | January-11 |
| | ASME Code Class 1, 2, and 3 Piping Systems, Piping Components and their Associated Supports | 3.12 | N/A | N/A | EMB1 PSER completed for Phase 1 | N/A | yes | | | | | | | | | | | January-11 |
| Threaded Fasteners - ASME Code Class 1, 2, and 3 | 3.13 | N/A | N/A | April 2, 2009 letter incorp deletion of COL items from DCD, need to verify DCD; CIB PSER complete | N/A | Yes | N/A | N/A | N/A | N/A | N/A | CIB review complete | CIB SER complete | No | Yes | No open items | review complete | |
| Fuel System Design | 4.2 | N/A | N/A | SRSB PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete | |

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|---|--|-----------------------|---|--|---|--|---------------------------------|----------------------|---------------|---------------------------|---------------------------------|---|--|--------------------------------|------------------|---|---------------------------------|
| Part 2 Chap 4 | Nuclear Design | 4.3 | N/A | N/A | SRSB PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | IBR | | | | | |
| | Thermal and Hydraulic Design | 4.4 | N/A | N/A | SRSB PSER complete, IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete |
| | Control Rod Drive Structural Materials | 4.5.1 | N/A | N/A | CIB review complete IBR PSER completed for Phase 1 | N/A | yes | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete |
| | Reactor Internal and Core Support Structure Materials | 4.5.2 | N/A | N/A | CIB PSER complete IBR | N/A | yes | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete |
| | Functional Design of Control Rod Drive System | 4.6 | N/A | N/A | SRSB PSER complete, IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete |
| Part 2 Chap 5 | Compliance with the Codes and Standards Rule, 10 CFR 50.55a | 5.2.1.1 | 40(2751) | 9/4/2009 | CIB secondary reviewer completed PSER; EMB primary review PSER completed | RAI response submitted on October 19, 2009 (ML093370170) | Yes | N/A | N/A | N/A | N/A | CIB review complete, SE on October 4, 2010 | | N/A | | RAI 40 is closed. | December-10 |
| | Applicable Code Cases | 5.2.1.2 | 41(2760) 42(2795) | 09/04/2009 for both RAIs | CIB secondary reviewer completed PSER; EMB primary review PSER completed | Both RAI responses submitted on October 19, 2009 (ML093370170) | Yes | N/A | N/A | N/A | N/A | CIB review complete, SE on October 4, 2010. | | N/A | | RAIs 41 and 42 are closed. | December-10 |
| | Overpressure Protection | 5.2.2 | N/A | N/A | SRSB PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | SRSB review complete IBR | N/A | No | Yes | No open items | review complete |
| | Reactor Coolant Pressure Boundary Materials | 5.2.3 | N/A | N/A | CIB complete, IBR PSER completed for Phase 1 | N/A | yes | N/A | N/A | N/A | N/A | CIB SER March 8, 2010 | N/A | N/A | Yes | No open items | review complete |
| | Reactor Coolant Pressure Boundary Inservice 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. | yes | N/A | N/A | N/A | N/A | CIB SER completed February 18, 2010 | N/A | No | Yes | 5.2.4-2 confirmatory item on ISI and preservice inspection. RAI 87, 5.2.4-1 is a confirmatory item. | review complete |
| | Reactor Coolant Pressure Boundary Leakage Detection | 5.2.5 | 58(3457) | 9/14/2009 | SBPA PSER complete | RAI 58 response received 10/26/2009; ML093010366 | yes | | 127(4089) | RC leakage detection | 11-Jan-10 | SBPB SER complete March 26, 2010 | By letter dated February 19, 2010, Luminant provided response to RAIs 127, 128 and supplemental to RAI 10. ML100550214 | N/A | Yes | RAI 127; RAI 05.02.05-3 is a confirmatory item. | review complete |
| | Reactor Vessel Materials | 5.3.1 | 62(3193) 65(3127) | 9/18/2009 | CIB PSER complete, no secondary reviewer | RAI 62 and 65 responses on 10/30/2009; ML093090163 | yes | | 128(4200) | capsule withdraw schedule | 12-Jan-10 | January 26, 2010 CIB SER completed | By letter dated February 19, 2010, Luminant provided response to RAIs 127, 128 and supplemental to RAI 10. ML100550214 | N/A | Yes | RAI 128; RAI 05.03.01-3 is a confirmatory item. RAI 65, 05.03.01-2 is a confirmatory item. | review complete |
| | Pressure-Temperature Limits, Upper-Shelf Energy, and Pressurized Thermal Shock | 5.3.2 | 2 (2317) 8(2353) | RAI 8: 6/26/2009 RAI 2: 04/01/2009 ML090920061 | 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, ML092230162 | yes | N/A | N/A | N/A | N/A | CIB review and SER complete | N/A | N/A | Yes | No open items | review complete |
| | Reactor Vessel Integrity | 5.3.3 | N/A | N/A | CIB PSER complete, | N/A | yes | N/A | N/A | N/A | N/A | CIB review and SER complete | N/A | N/A | Yes | No open items | review complete |
| | Reactor Coolant System Component and Subsystem Design | 5.4 | N/A | N/A | SRSB PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | SRSB and CIB review complete | N/A | No | Yes | No open items | review complete |
| | Pump Flywheel Integrity (PWR) | 5.4.1.1 | N/A | N/A | CIB PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | CIB PSER complete, IBR | N/A | No | Yes | No open items | review complete |
| | Steam Generator Materials | 5.4.2.1 | N/A | N/A | CIB PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | CIB SER provided, March 11, 2010 | N/A | no | yes | No open items | review complete |
| | Steam Generator Program | 5.4.2.2 | N/A | N/A | CIB PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | CIB SER provided, March 11, 2010 | N/A | no | yes | No open items | review complete |
| | Residual Heat Removal (RHR) System | 5.4.7 | N/A | N/A | SRSB PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | SRSB review complete IBR | N/A | No | Yes | No open items | review complete |
| | Pressurizer Relief Tank | 5.4.11 | N/A | N/A | SRSB PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | SRSB review complete IBR | N/A | No | Yes | No open items | review complete |
| | Reactor Coolant System High Point Vents | 5.4.12 | N/A | N/A | SRSB PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | SRSB review complete IBR | N/A | No | Yes | No open items | review complete |
| | Engineered Safety Features Materials | 6.1.1 | N/A | N/A | CIB PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | CIB PSER complete, IBR | N/A | N/A | Yes | No open items | review complete |
| 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 RA 13; RAI 94 response due 11/5/2009; On 11/11/2009, Luminant provided response to RAI 94 (ML093200501). | yes | N/A | N/A | N/A | N/A | CIB SER March 8, 2010 | N/A | N/A | Yes | No open items | review complete | |
| Containment Functional Design | 6.2.1 | N/A | N/A | SPCV PSER complete IBR | N/A | yes | | | | | | | | | | | review completed |
| Sub compartment Analysis | 6.2.1.2 | N/A | N/A | SPCV PSER complete IBR | N/A | yes | | | | | | | | | | | review completed |

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|---|--|----------------------|------------------------|---|---|---|---------------------------------|----------------------|---------------|---|---------------------------------|-----------------------|--------------------------------|--|------------------|--|---------------------------------|------------------|
| Part 2 Chap 6 | 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 | yes | | | | | | | | | | review completed | |
| | 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 | yes | | | | | | | | | | review completed | |
| | 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 | yes | | | | | | | | | | review completed | |
| | Containment Heat Removal Systems | 6.2.2 | 76(3105) | N/A | SPCV PSER complete IBR, CIB secondary review also complete | Response provided November 12, 2009 on ML093510532. | yes | | | | | | CIB SER March 8, 2010 | | | | January-11 | |
| | Secondary Containment Functional Design | 6.2.3 | deleted | deleted | deleted | deleted | deleted | | | | | | | | | | January-11 | |
| | Containment Isolation System | 6.2.4 | N/A | N/A | SPCV PSER complete IBR | N/A | yes | | | | | | | | | | January-11 | |
| | Combustible Gas Control in Containment | 6.2.5 | N/A | N/A | SPCV PSER complete IBR | N/A | yes | | | | | | | | | | January-11 | |
| | Containment Leakage Testing | 6.2.6 | N/A | N/A | SPCV PSER complete IBR | N/A | yes | | | | | | | | | | January-11 | |
| | Fracture Prevention of Containment Pressure Boundary | 6.2.7 | N/A | N/A | CIB PSER complete IBR | N/A | yes | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Yes | No open items | review complete |
| | Emergency Core Cooling System | 6.3 | N/A | N/A | SRSB PSER complete, IBR | N/A | yes | | | | | | | | | | | January-11 |
| | Control Room Habitability System | 6.4 | | | | | | | | 172 (4678) | | 28-Jul-10 | follow up to RAI 3451 (77) | Response provided to RAI 172 on October 6, 2010. (ML102810224) | | | | January-11 |
| | 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. | Yes | | | refrigerants and applicability to RG 1.78 | | 1/4/2010 | | On February 22, 2010, Luminant provided its responses to RAIs 125, 129, 130, 131, and 132. ML100550345 | | | | January-11 |
| | ESF Atmosphere Cleanup Systems | 6.5.1 | N/A | N/A | SPCV primary review. RSAC completed PSER. IBR | N/A | yes | | | | | | | | | | | review completed |
| | Containment Spray as a Fission Product Cleanup System | 6.5.2 | N/A | N/A | SPCV, RSAC, and CIB completed review. IBR PSER completed for Phase 1 | N/A | yes | | | | | | CIB SER March 8, 2010 | | | | review completed | |
| | 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 | yes | | | | | | | | | | review completed | |
| 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 | yes | | | | | | CIB SER March 8, 2010 | | | | review completed | | |
| Inservice Inspection and Testing of Class 2 and 3 Components | 6.6 | 43(2970) 44(2971) | 9/4/2009 for both RAIs | CIB PSER complete, no secondary reviewer | Both RAI responses submitted on October 19, 2009 (ML093370170) | yes | | | | | | | | | | RAIs 43 and 44 are closed. | review completed | |

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|---------------|---|-------------|---------------|---------------------------------|---|---|---------------------------------|----------------------|---------------|---------------------|---------------------------------|-----------------------|---|---|------------------|--|---------------------------------|------------------|
| Chapter 7 | Instrumentation and Controls -- Introduction | 7.1 | N/A | N/A | ICE review complete IBR PSER completed for Phase 1 | N/A | yes | N/A | N/A | N/A | N/A | ICE review complete | N/A | No | Yes | No open items | review complete | |
| | Reactor Trip System | 7.2 | N/A | N/A | ICE review complete IBR PSER completed for Phase 1 | N/A | yes | N/A | N/A | N/A | N/A | ICE review complete | N/A | No | Yes | No open items | review complete | |
| | Engineered Safety Features Systems | 7.3 | N/A | N/A | ICE review complete IBR PSER completed for Phase 1 | N/A | yes | N/A | N/A | N/A | N/A | ICE review complete | N/A | No | Yes | No open items | review complete | |
| | Safe Shutdown Systems | 7.4 | 4 (2504) | 04/24/2009 ML091270423 | RAI response received ICE review complete PSER completed | 05/26/2009, ML091480014 | yes | N/A | N/A | N/A | N/A | ICE review complete | N/A | No | Yes | No open items | review complete | |
| | 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 | yes | N/A | N/A | N/A | N/A | ICE review complete | N/A | No | Yes | No open items | review complete | |
| | Interlock Systems Important to Safety | 7.6 | N/A | N/A | ICE review complete IBR PSER completed for Phase 1 | N/A | yes | N/A | N/A | N/A | N/A | ICE review complete | N/A | No | Yes | No open items | review complete | |
| | Control Systems | 7.7 | N/A | N/A | ICE review complete IBR PSER completed for Phase 1 | N/A | yes | N/A | N/A | N/A | N/A | ICE review complete | N/A | No | Yes | No open items | review complete | |
| | Diverse Instrumentation and Control Systems | 7.8 | N/A | N/A | ICE review complete IBR PSER completed for Phase 1 | N/A | yes | N/A | N/A | N/A | N/A | ICE review complete | N/A | No | Yes | No open items | review complete | |
| | Data Communication Systems | 7.9 | N/A | N/A | ICE review complete IBR PSER completed for Phase 1 | N/A | yes | N/A | N/A | N/A | N/A | ICE review complete | N/A | No | Yes | No open items | review complete | |
| Part 2 Chap 8 | Electric Power - Introduction | 8.1 | 9(2576) | N/A | EEB Review PSER complete; RAI response received | 8/11/2009 ML092240406 | yes | | | | | | | | No | | January-11 | |
| | Offsite Power System | 8.2 | N/A | N/A | N/A | N/A | N/A | | 182 (5116) | | 10/19/2010 | | Response to RAI 182 due December 10, 2010. | | | | January-11 | |
| | Offsite Power System | 8.2 | 24(2577) | 6/30/2009 | EEB Review complete, PSER; RAI response RAI response received | RAI 24 response on 9/8/09 ML092530470 | yes | | 152(4538) | | 4/13/2010 | | Response to RAI 152 submitted on May 18, 2010. ML101400030 | No | No | RAIs 08.02-7, 14, 15, 16, 18, 19, and 25 are confirmatory items. | January-11 | |
| | A-C Power Systems (Onsite) | 8.3.1 | 23(2581) | 7/27/2009 | EEB Review complete, PSER; RAI response RAI response received | RAI 23 response on 9/8/09 ML092530470 | yes | | | | | | | | No | RAI 08.03.01-01 is a confirmatory item. | January-11 | |
| | D-C Power Systems (Onsite) | 8.3.2 | N/A | N/A | EEB Review complete, PSER | N/A | yes | | | | | | | | No | | January-11 | |
| | Station Blackout | 8.4 | N/A | N/A | EEB Review complete, PSER | N/A | yes | | 183 (5117) | | | 10/19/2010 | | Response to RAI due December 10, 2010 | | | January-11 | |
| | Criticality Safety of Fresh and Spent Fuel Storage and Handling | 9.1.1 | N/A | N/A | CIB and SRSB PSERS complete IBR | N/A | yes | | | | | CIB SER March 8, 2010 | | | | | January-11 | |
| | New and Spent Fuel Storage | 9.1.2 | N/A | N/A | SBPA IBR review complete IBR, CIB PSER complete | N/A | yes | | | | | CIB SER March 8, 2010 | | | | | January-11 | |
| | Spent Fuel Pool Cooling and Cleanup System | 9.1.3 | N/A | N/A | CIB PSER review complete; SBPA to review | N/A | yes | | | | | N/A | CIB SER March 8, 2010 | N/A | yes | | review complete | |
| | Light Load Handling System (Related to Refueling) | 9.1.4 | N/A | N/A | SBPA IBR review complete | N/A | yes | | | | | N/A | | N/A | yes | | review complete | |
| | Overhead Heavy Load Handling Systems | 9.1.5 | 52(3294) | 9/9/2009 | SBPA PSER complete | ML092990303; 10/21/2009 | yes | | | | | N/A | | N/A | yes | | review complete | |
| | Station Service Water System | 9.2.1 | 109(3698) | 10/2/2009 | SBPA PSER complete | Response provided on November 20, 2009; ML093280698 | yes | | | | | | On February 22, 2010, Luminant provided supplemental response to RAIs 11 and 109 (ML100550203). | | | | January-11 | |
| | Reactor Auxiliary Cooling Water Systems | 9.2.2 | N/A | N/A | SBPA IBR review complete | N/A | yes | | | | | | | | | | January-11 | |
| | Potable and Sanitary Water Systems | 9.2.4 | N/A | N/A | SBPA PSER complete | N/A | yes | N/A | 126(3909) | PSWS | | 1/4/2010 | N/A | Response received February 18, 2010 (ML100540110) | N/A | Yes | RAI 126 has confirmatory items. | review completed |
| | Ultimate Heat Sink | 9.2.5 | 121(3762) | 10/9/2009 | SBPA PSER complete | Response provided on December 16, 2009 on ML093520667 | yes | | | | | | | | | | | January-11 |

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|--|--|-------------|---------------------|---|--|---|---------------------------------|----------------------|----------------|---------------------|---------------------------------|------------------|--------------------------------|--|------------------|--|---|-----------------|
| Part 2 Chapter 9 | Condensate Storage Facilities | 9.2.6 | N/A | N/A | SBPA PSER and review complete | N/A | yes | | | | | | | | | | January-11 | |
| | Chilled Water system | 9.2.7 | N/A | N/A | SBPA IBR review complete | N/A | yes | | | | | | | | | | January-11 | |
| | Turbine Building Cooling Water System | 9.2.8 | N/A | N/A | SBPA IBR review complete | N/A | yes | | | | | | | | | | January-11 | |
| | Non-Essential Service Water system | 9.2.9 | N/A | N/A | SBPA IBR review complete | N/A | yes | | | | | | | | | | January-11 | |
| | Compressed Air System | 9.3.1 | N/A | N/A | SBPA PSER review complete | N/A | yes | | | | | | SBPA SER complete | | | | review complete | |
| | Process and Post-accident Sampling Systems | 9.3.2 | N/A | N/A | CIB PSER review complete; CHPB review complete | N/A | yes | | | | | | | | | | | January-11 |
| | Equipment and Floor Drainage System | 9.3.3 | N/A | N/A | SBPA PSER IBR | N/A | yes | | | | | | | | | | | January-11 |
| | Chemical and Volume Control System (PWR) (Including Boron Recovery System) | 9.3.4 | N/A | N/A | CIB PSER review complete; SRSB PSER secondary review complete | N/A | yes | | | | | | | | | | | January-11 |
| | Control Room Area Ventilation System | 9.4.1 | 63(3219) | 9/18/2009 | SPSV PSER and review complete | RAI responded on 10/30/2009; ML093090163 | yes | | | | | | | Supplemental response provided on 10/29/2010 (ML103060043). | | | | January-11 |
| | Spent Fuel Pool Area Ventilation System | 9.4.2 | N/A | N/A | SPSV PSER and review complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | review complete |
| | Auxiliary and Radwaste Area Ventilation System | 9.4.3 | 48(3225) | 9/7/2009 | SPSV PSER and review complete; CHPB secondary review ongoing | RAI response submitted on October 19, 2009 (ML093370170) | yes | | | | | | | | | | RAI 48 is closed. | January-11 |
| | Turbine Area Ventilation System | 9.4.4 | N/A | N/A | SPSV PSER and review complete, IBR | N/A | Yes | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | review complete |
| | Engineered Safety Feature Ventilation System | 9.4.5 | 110(3230) | 10/2/2009 | SPSV PSER and review complete, | November 13, 2009, RAI response on ML093230705 | yes | | | | | | | Supplemental response for RAI 110 provided on 10/29/2010 (ML103060043). | | | RAI 110 is closed with 9.4.5-1 as an open item. | January-11 |
| | Engineered Safety Feature Ventilation System | 9.4.5 | 123(3232) | 10/9/2009 | SPSV PSER and review complete, | Response provided on December 16, 2009 on ML093520667 | yes | | | | | | | Supplemental response for RAI 110 provided on 10/29/2010 (ML103060043). | | | | January-11 |
| | Containment Ventilation System | 9.4.6 | N/A | N/A | related to SRP 9.4.5 | N/A | yes | | | | | | | | | | | January-11 |
| | Fire Protection Program | 9.5.1 | 10(2328) 1(2332) | RAI 10: 6/30/2009 RAI 1: 03/30/2009 ML090890669 | 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 | yes | | | | | | | By letter dated February 19, 2010, Luminant provided response to RAIs 127, 128 and supplemental to RAI 10, ML100550214 | | | RAI 10, 09.05.01-8 and -9 are confirmatory items. | January-11 |
| | Communications Systems | 9.5.2 | 34(2764) | 9/3/2009 | ICE1 PSER complete | RAI 34 response on October 15, 2009; ML093090162 | Yes | | RAI 178 (4957) | | | 9-Sep-10 | | RAI 178 response submitted October 11, 2010, ML102861203. | N/A | | RAI 34 is closed. | January-11 |
| | Lighting Systems | 9.5.3 | N/A | N/A | EEB IBR | N/A | Yes | N/A | N/A | N/A | N/A | N/A | EEB IBR | EEB IBR | N/A | N/A | N/A | review complete |
| | 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 | yes | | | | | | CIB SER March 8, 2010 | | | | | January-11 |
| | Emergency Diesel Engine Cooling Water System | 9.5.5 | N/A | N/A | SPBA IBR review complete | N/A | yes | | | | | | | | | | | review complete |
| Emergency Diesel Engine Starting System | 9.5.6 | N/A | N/A | SPBA IBR review complete | N/A | yes | | | | | | | | | | | review complete | |
| Emergency Diesel Engine Lubrication System | 9.5.7 | N/A | N/A | SPBA IBR review complete | N/A | yes | | | | | | | | | | | review complete | |
| Emergency Diesel Engine Combustion Air Intake and Exhaust System | 9.5.8 | N/A | N/A | SPBA IBR review complete | N/A | yes | | | | | | | | | | | review complete | |

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|---|---|-------------|----------------------|---|---|---|---------------------------------|----------------------|---------------|---------------------|---------------------------------|----------------------------------|---|--------------------------------|------------------|--|---------------------------------|-------------|
| Chapter 10 | Turbine Generator | 10.2 | N/A | N/A | SBPA PSER complete IBR | N/A | yes | N/A | | | | SBPA SER complete | | No | Yes | No open items | review complete | |
| | Turbine Rotor Integrity | 10.2.3 | 6 (2614) | 04/29/2009 ML091270403 | CIB PSER complete, | 06/17/2009; ML091740112 | Yes | | 169 (4846) | | 7/8/2010 | | Submitted August 9, 2010 ML102230154 | No | yes | RAI 169; 10.02.03-2 is an open item. | review complete | |
| | Main Steam Supply System | 10.3 | 16(2700) | 7/13/2009 | SBPA PSER complete, RAI response received. | ML092380343; August 24, 2009 | Yes | N/A | N/A | N | N/A | SBPA SER complete | | No | Yes | No open items | review complete | |
| | Steam and Feed water System Materials | 10.3.6 | January-00 | 6/26/2009 | CIB and SBPA review complete for phase 1, PSER; RAI response received | RAI 7; 8/7/09; ML092230162 | Yes | N/A | N/A | N/A | N/A | CIB SER complete | N/A | No | Yes | No open items | review complete | |
| | Main Condensers | 10.4.1 | N/A | N/A | SBPA PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | SBPA SER complete | | No | Yes | No open items | review complete | |
| | Main Condenser Evacuation System | 10.4.2 | N/A | N/A | SBPA PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | SBPA SER complete | | No | Yes | No open items | review complete | |
| | Turbine Gland Sealing System | 10.4.3 | N/A | N/A | SBPA PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | SBPA SER complete | | No | Yes | No open items | review complete | |
| | Turbine Bypass System | 10.4.4 | N/A | N/A | SBPA PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | SBPA SER complete | | No | Yes | No open items | review complete | |
| | Circulating Water System | 10.4.5 | N/A | N/A | SBPA phase 1 PSER review complete | N/A | yes | N/A | N/A | N/A | N/A | SBPA SER complete | | No | Yes | No open items | review complete | |
| | Condensate Cleanup System | 10.4.6 | N/A | N/A | CIB PSER review complete IBR | N/A | yes | N/A | N/A | N/A | N/A | CIB SER completed March 8, 2010 | | No | Yes | No open items | review complete | |
| | Condensate and Feed water System | 10.4.7 | N/A | N/A | SBPA PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | SBPA SER completed June 4, 2010 | N/A | No | Yes | No open items | review complete | |
| | Steam Generator Blow down System (PWR) | 10.4.8 | 17(2708) | 7/14/2009 | CIB phase 1 PSER review complete, response received | ML092380344; 08/24/2009 | yes | N/A | N/A | N/A | N/A | CIB SER provided, March 11, 2010 | N/A | No | Yes | RAI 17 is closed. | review complete | |
| Auxiliary Feed water System (PWR) | 10.4.9 | N/A | N/A | SBPA PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | SBPA SER completed June 4, 2010 | N/A | No | Yes | No open items | review complete | | |
| Part 2 Chapter 11 | Source Terms | 11.1 | N/A | N/A | RSAC primary reviewer completed PSER, CHPB concurred, IBR | N/A | yes | | | | | | | | | | February-11 | |
| | Liquid Waste Management System | 11.2 | 29 (2747) | 8/14/2009 | SBPA secondary reviewer completed PSER. CHPB primary review complete. | RAI 29 response ML092720676 on 9/24/2009. | Yes | | | | | | | | | | February-11 | |
| | 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) | Yes | | | | | | | | | | February-11 | |
| | Gaseous Waste Management System | 11.3 | 35 (2748) | 9/3/2009 | SBPA secondary reviewer completed PSER. CHPB primary review complete. | RAI 35 response on October 15, 2009; ML093090162 | Yes | | | | | | | | | | | February-11 |
| | Gaseous Waste Management System | 11.3 | 36(3400) | 9/3/2009 | SBPA secondary reviewer completed PSER. CHPB primary review complete. | RAI 36 response on October 15, 2009; ML093090178 | Yes | | | | | | | | | | | February-11 |
| | Solid Waste Management System | 11.4 | 38(2749) 39(3401) | 9/4/2009 for both RAIs | SBPA secondary reviewer completed PSER. CHPB primary review complete. | Both RAI responses submitted on October 19, 2009 (ML093370170) | Yes | | | | | | | | | | | February-11 |
| | Process and Effluent Radiological Monitoring Instrumentation and Sampling Systems | 11.5 | 50(3402) | 9/7/2009 | CHPB, ICE, CTSB review and PSER complete. | RAI response submitted on October 19, 2009 (ML093370170) | yes | | | | | | | | | | | February-11 |
| Process and Effluent Radiological Monitoring Instrumentation and Sampling Systems | 11.5 | 59(3602) | 9/15/2009 | CHPB, ICE, CTSB review and PSER complete. | RAI 59 response received 10/26/2009; ML093010366 | yes | | | | | | | | | | | February-11 | |

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|-------------------|---|---------------|--------------------|---|-----------------------------------|---|---------------------------------|----------------------|--------------------------|---------------------|--|------------------|--|--------------------------------|------------------|---|---------------------------------------|-----------------|
| Part 2 Chapter 12 | Assuring that Occupational Radiation Exposures Are As Low As Is Reasonably Achievable | 12.1 | 118(3316) | 10/5/2009 | CHPB PSER complete | On November 16, 2009, RAI responses on ML093230229 | yes | | | | | | | | | | February-11 | |
| | Radiation Sources | 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. | yes | | | | | | | | | | February-11 | |
| | Radiation Protection Design Features | 12.3-12.4 | 99(3511); | 9/30/2009 for RAI 99 | CHPB PSER complete | November 11, 2009, RAI response on ML093200501 | yes | | RAI 133 (4207) | ALARA | 1/21/2010 | | On February 24, 2010, Luminant provided its response to RAI 133. ML100560480 | No | | | February-11 | |
| | Radiation Protection Design Features | 12.3-12.4 | 119(3318) | 10/5/2009 for RAI 119 | CHPB PSER complete | On November 16, 2009, RAI responses on ML093230229 | yes | | RAI 135 (4206) | 10 CFR 20.1406 | 1/29/2010 | | Luminant's response received March 5, 2010 (ML100700263). On September 22, 2010, Luminant provided a supplemental response to RAI 135. (ML102670158) | No | | | February-11 | |
| | Operational Radiation Protection Program | 12.5 | 100(3319) | 9/30/2009 for RAI 100 | CHPB PSER complete | November 11, 2009, RAI response on ML093200501 | yes | | RAI 136 (4208) | use of respirator | 2/1/2010 | | Luminant's response received ML100710028 on March 9, 2010 | No | | | February-11 | |
| | Operational Radiation Protection Program | 12.5 | 117(3510) | 10/5/2009 for RAI 117 | CHPB PSER complete | On November 16, 2009, RAI responses on ML093230229 | yes | | | | | | | | | | | February-11 |
| Part 13 | Management and Technical Support Organization | 13.1.1 | 68(2836) | 9/20/2009 | NRO/DCIP/COLP PSER received | Luminant provided response on 11/5/2009. See ML093130123 | Yes | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Yes | RAI 68 (2836) 13.01.01-2, 13.01.01-3 are confirmatory items | review complete | |
| | Operating Organization | 13.1.2-13.1.3 | 69(2837) | 9/20/2009 | NRO/DCIP/COLP PSER received | Luminant provided response on 11/5/2009. See ML093130123 | Yes | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Yes | RAI 69 (2837) 13.01.02-13.01.03-2, 13.01.02-13.01.03-5 are confirmatory items | review complete | |
| | Reactor Operator Requalification Program; Reactor Operator Training | 13.2.1 | N/A | N/A | NRO/DCIP/COLP PSER received | N/A | Yes | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Yes | No open items | review complete | |
| | Non-Licensed Plant Staff Training | 13.2.2 | N/A | N/A | NRO/DCIP/COLP PSER received | N/A | Yes | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Yes | No open items | review complete | |
| | Emergency Planning | 13.3 | 70(3295); | 9/20/2009 | NSIR/DPR/DDEP/ONRLB PSER complete | On November 18, 2009, RAI responses were provided. ML093240321 | Yes | | | | | | Luminant submitted supplemental information on RAI 70 on 9/16/2010 ML102630014. | | | | review complete | |
| | Emergency Planning | 13.3 | 78(3327); | 9/24/2009 | NSIR/DPR/DDEP/ONRLB PSER complete | On November 18, 2009, RAI responses were provided on ML093240321. Supplemental RAI responses provided November 12, 2009 on ML093510532. | Yes | | RAI 134 (4224) 137(4372) | ETE | 01/25/2010 for RAI 134 and 2/18/10 for RAI 137 | | RAI 137 is a supplemental question to RAI 134 | | | | Note: There are 65 confirmatory items | review complete |
| | Emergency Planning | 13.3 | 88(3183) | 9/26/2009 | NSIR/DPR/DDEP/ONRLB PSER complete | November 16, 2009 for RAI response (ML093230239) | Yes | N/A | RAI 159 (4579) | | 27-Apr-10 | | RAI Response provided on June 7, 2010. ML101610137 | N/A | | | review complete | |

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|-------------------|--|-------------|---------------|---------------------------------|---|--|---------------------------------|----------------------|---------------------------------|---------------------|--|------------------|--|--|------------------|--|---|------------------|
| Part 2 Chapter 13 | 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, (ML100150328). | Yes | N/A | RAI 151(4454) RAI 187 (5201) | SG program | 03/10/2010 for RAI 151; RAI 187 issued 11/9/2010 | | Response received April 12, 2010 ML101040259. 9/29/2010, Luminant provided supplemental response to RAI 71 (ML102780288). Luminant provided response to RAI 187 on 11/22/2010 (ML103280046). | No | | RAI 71 (3592) has confirmatory items. | review complete | |
| | Administrative Procedures - General | 13.5.1.1 | N/A | N/A | NRO/DCIP/COLP PSER received | N/A | Yes | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Yes | No open items | review complete | |
| | Administrative Procedures - Initial Test Program | 13.5.1.2 | N/A | N/A | NRO/DCIP/COLP PSER received | N/A | Yes | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Yes | No open items | review complete | |
| | Operating and Emergency Operating Procedures | 13.5.2.1 | 37(3033) | 9/4/2009 | NRO/DCIP/COLP PSER received | RAI response submitted on October 19, 2009 (ML093370170) | Yes | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Yes | RAI 37 (3033) 13.05.02.01-01, 13.05.02.01-03, 13.05.02.01-04, 13.05.02.01-05, 13.05.02.01-06 are confirmatory items. | review complete | |
| | Physical Security | 13.6 | N/A | N/A | deferred to phases 2 and 4 | N/A | yes | | RAI 161 (4585) | | | 30-Apr-10 | | Luminant provided its response on June 24, 2010. ML101790155 | | | Phase 2 review complete, proceed to phase 4 | review complete |
| | Fitness for Duty | 13.7 | N/A | N/A | deferred to phases 2 and 4 | N/A | Yes | | RAI 130 (4243) | NEI 06-06 | | 17-Jan-10 | | On February 22, 2010, Luminant provided its responses to RAIs 125, 129, 130, 131, and 132. ML100550345 | | | | November-10 |
| | Fitness for Duty | 13.7 | N/A | N/A | deferred to phases 2 and 4 | N/A | yes | | (RAI 132) 4245 | | | 19-Jan-10 | | On February 22, 2010, Luminant provided its responses to RAIs 125, 129, 130, 131, and 132. ML100550345 | | | | November-10 |
| | Fitness for Duty | 13.7 | N/A | N/A | deferred to phases 2 and 4 | N/A | Yes | | (RAI 131) 4244 | NEI 06-06 | | 19-Jan-10 | | On February 22, 2010, Luminant provided its responses to RAIs 125, 129, 130, 131, and 132. ML100550345 | | | | November-10 |
| | Cyber Security | 13.8 | N/A | N/A | deferred to phases 2 and 4 | N/A | Yes | 15-Jun-10 | N/A | n | | N/A | | Luminant submitted cyber security plan December 2009. | yes | Yes | non public SE issued | review completed |
| Part 2 Chapter 14 | Initial Plant Test Program - Design Certification and New License Applicants | 14.2 | 86(3593) | 9/26/2009 | CHPB PSER complete | Luminant provided response on 11/5/2009. See ML093130124 | yes | | (RAI 129) 4209 | consensus standard | | 17-Jan-10 | On February 22, 2010, Luminant provided its responses to RAIs 125, 129, 130, 131, and 132. ML100550345 | | | CHPB reviewing RAI 86, chapter 12 | December-10 | |
| | | | 74(3074) | 9/23/2009 | CQVP PSER complete | Response provided on November 11, 2009; ML093220204 | yes | | | | | | 25-Aug-10 | Response to RAIs 173, 184, and 186 submitted November 24, 2010. (ML103340109) | | | RAI 74 (3074) is closed | December-10 |
| | | | 75(2954) | 9/23/2009 | | Response provided on November 11, 2009; ML093220204 | yes | | | RAI 163 (4712) | follow up to RAI 75 | | 19-May-10 | Luminant provided its response on June 25, 2010, ML101810450 | | | RAI 163 (4712) is closed; most of RAI 75 is closed. | December-10 |
| | | | 98(3790) | 9/30/2009 | | November 11, 2009, RAI response provided on ML093200501 | yes | | | RAI 164 (4681) | Table 1.9-201 RG table | | 19-May-10 | Luminant provided its response on June 25, 2010, ML101810450 | | | RAI 164 is closed. | December-10 |
| | Inspections, Tests, Analyses, and Acceptance Criteria Structural and Systems Engineering - | 14.3 | 1 (2328) | 03/30/2009 ML090890669 | RAI response received; CTSB PSER complete | 05/01/2009 ML091250488 | Yes | | | | | | | | | | RAI 1 is closed. | December-10 |
| | Inspections, Tests, Analyses, and Acceptance Criteria Piping Systems and Components - | 14.3.2 | N/A | N/A | SEB 1 PSER and review complete | N/A | Yes | | | | | | | | | | | February-11 |
| | Inspections, Tests, Analyses, and Acceptance Criteria Reactor Systems - | 14.3.3 | 56(2583) | 9/14/2009 | EMB1 PSER completed for Phase 1 | RAI 56 response received 10/26/2009; ML093010366 | Yes | | | | | | | | | | | December-10 |
| | Inspections, Tests, Analyses, and Acceptance Criteria Instrumentation and Controls - | 14.3.4 | N/A | N/A | SRSB PSER complete, IBR | N/A | Yes | N/A | N/A | N/A | N/A | N/A | SRSB SER IBR | No | yes | No open items | review complete | |
| | Inspections, Tests, Analyses, and Acceptance Criteria Electrical Systems - | 14.3.5 | N/A | N/A | ICE1 PSER complete | N/A | yes | N/A | N/A | N/A | N/A | N/A | ICE SER completed as part of chapter 7 | No | yes | No open items | review complete | |
| | Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.6 | N/A | N/A | EEB Review complete, PSER | N/A | Yes | | | | | | | | | | | January-11 |

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|-----------|--|---------------|----------------------------------|---------------------------------|--|--|---------------------------------|----------------------|--|---------------------|---|------------------------|--|--------------------------------|------------------|--|---------------------------------|
| | Plant Systems - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.7 | N/A | N/A | N/A | N/A | N/A | | RAI 177 (5027) RAI 181 (5099) | | 09/09/2010 for RAI 177 10/19/2010 for RAI 181 | | Response to RAI 181 submitted October 29, 2010 (ML103060049). Response to RAI 177 submitted October 11, 2010 (ML102861203). | | | | January-11 |
| | Plant Systems - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.7 | 81(3293) 82(3366) 83(3532) | 9/25/2009 for all three RAIs | CTSB PSER complete SPCV wrote RAI 83 | Response on 11/13/2009; ML093210468 | Yes | | RAI 174 (5004) RAI 175 (5005) RAI 176 (5029) | | September 2, 2010 for RAIs 174, 175, 176 | | Responses to RAI 174, 175, 176 submitted October 6, 2010 ML102810223 | | | RAIs 81, 82, and 83 closed. RAI 83, 14.3.7-22, 26 are confirmatory items.- | December-10 |
| | Radiation Protection - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.8 | N/A | N/A | CHPB PSER complete | N/A | Yes | | | | | | | | | | December-10 |
| | Human Factors Engineering - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.9 | N/A | N/A | COLP PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | COLP SER completed IBR | | No | yes | No open items | review complete |
| | Emergency Planning - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.10 | N/A | N/A | NSIR/DPR/DDEP/ONRLB PSER complete | N/A | yes | N/A | N/A | | N/A | | | | | | review complete |
| | Containment Systems - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.11 | N/A | N/A | SPCV PSER complete IBR. Other secondary reviewers. | N/A | yes | | | | | | | | | | December-10 |
| | Physical Security Hardware - Inspections, Tests, Analyses, and Acceptance Criteria | 14.3.12 | N/A | N/A | deferred to phases 2 and 4 | N/A | N/A | | | | | | | | | | December-10 |
| | Introduction - Transient and Accident Analyses | 15 | N/A | N/A | RSAC review and PSER complete | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Review of Transient and Accident Analysis Method | 15.0.2 | N/A | N/A | RSAC review and PSER complete | N/A | yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Design Basis Accident Radiological Consequences of Analyses for Advanced Light Water Reactors | 15.0.3 | N/A | N/A | RSAC review and PSER complete | N/A | Yes | N/A | N/A | N/A | N/A | | RSAC SER and review complete | No | YES | No open items | review complete |
| | Decrease in Feed water Temperature, Increase in Feed water Flow, Increase in Steam Flow, and Inadvertent Opening of a Steam Generator Relief or Safety Valve | 15.1.1-15.1.4 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Steam System Piping Failures Inside and Outside of Containment (PWR) | 15.1.5 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Loss of External Load; Turbine Trip; Loss of Condenser Vacuum; and Steam Pressure Regulator Failure (Closed) | 15.2.1-15.2.5 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Loss of Nonemergency AC Power to the Station Auxiliaries | 15.2.6 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Loss of Normal Feed water Flow | 15.2.7 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Feed water System Pipe Breaks Inside and Outside Containment (PWR) | 15.2.8 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Loss of Forced Reactor Coolant Flow Including Trip of Pump Motor and Flow Controller Malfunctions | 15.3.1-15.3.2 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |

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|---|--|---------------|---------------|---------------------------------|--|--------------------------------|---------------------------------|----------------------|---------------|---------------------|---------------------------------|------------------|--------------------------------|--------------------------------|------------------|--|---------------------------------|
| Part 2 Chapter 15 | Reactor Coolant Pump Rotor Seizure and Reactor Coolant Pump Shaft Break | 15.3.3-15.3.4 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Uncontrolled Control Rod Assembly Withdrawal from a Subcritical or Low Power Startup Condition | 15.4.1 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Uncontrolled Control Rod Assembly Withdrawal at Power | 15.4.2 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Control Rod Misoperation (System Malfunction or Operator Error) | 15.4.3 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Startup of an Inactive Loop or Recirculation Loop at an Incorrect Temperature, and Flow Controller Malfunction | 15.4.4-15.4.5 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Inadvertent Decrease in Boron Concentration in the Reactor Coolant System (PWR) | 15.4.6 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review 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 | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Spectrum of Rod Ejection Accidents (PWR) | 15.4.8 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Inadvertent Operation of ECCS and Chemical and Volume Control System Malfunction that Increases Reactor Coolant Inventory | 15.5.1-15.5.2 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Radioactive Releases from a Subsystem or Component | 15.5.7 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Inadvertent Opening of a PWR Pressurizer Pressure Relief Valve | 15.6.1 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Radiological Consequences of Steam Generator Tube Failure | 15.6.3 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Loss-of-Coolant Accidents Resulting From Spectrum of Postulated Piping Breaks Within the Reactor Coolant Pressure Boundary | 15.6.5 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Radioactive Release from a Subsystem or Component | 15.7 | N/A | N/A | CHPB to review, Refer to BTP 11-6, review done as part of chapter 11 | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| | Anticipated Transients Without Scram | 15.8 | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete |
| Evaluation Models and parameters for Analysis of Radiological Consequences of Accidents | 15A | N/A | N/A | SRSB review complete IBR | N/A | Yes | N/A | N/A | N/A | N/A | IBR | N/A | No | YES | No open items | review complete | |

Comanche Peak Project Status Table

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|--|--|-------------|----------------------|---------------------------------|--|---|---------------------------------|----------------------|----------------|---------------------|---------------------------------|------------------|---|--------------------------------|------------------|---|---------------------------------|-------------|
| Part 2 Chap 16 | General, Plant Sys, Refueling, & Adm Ctrls: 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 ML093200501 | Yes | | RAI 149 (4406) | | 3-Mar-10 | | Luminant provided its response on April 5, 2010, ML100970215 | | | RAI 90, 16-1 thru 6, and -8 and 9 are confirmatory items. RAI 91, 16-13, 14, 16 are confirmatory items. | December-10 | |
| | General, Plant Sys, Refueling, & Adm Ctrls: Technical Specifications | 16.1 | 120(3834) | 10/5/2009 | CTSB PSER complete, all secondary reviewers complete | On November 11, 2009, RAI responses on ML093200501 | Yes | | | | | | | | | RAI 149, question 16-19 confirmatory item. RAI 120 closed. | December-10 | |
| | SLs, Reactivity, Core Op Limits, & Special Ops: Technical Specifications | 16.2 | N/A | N/A | CTSB PSER complete | N/A | Yes | | RAI 186 (5164) | | | | Response to RAIs 173, 184, and 186 submitted November 24, 2010. (ML103340109) | | | | December-10 | |
| | Instrumentation: Technical Specifications | 16.3 | N/A | N/A | CTSB PSER complete | N/A | Yes | | | | | | | | | | | December-10 |
| | RCS & ECCS: Technical Specifications | 16.4 | N/A | N/A | CTSB PSER complete | N/A | Yes | | | | | | | | | | | December-10 |
| | Containment Systems: Technical Specifications | 16.5 | N/A | N/A | SPCV PSER complete. CTSB PSER complete. | N/A | Yes | | | | | | | | | | | December-10 |
| Electrical Power Sys: Technical Specifications | 16.6 | N/A | N/A | CTSB PSER complete | N/A | Yes | | | | | | | | | | | December-10 | |
| Part 2 Chap 17 | Quality Assurance During the Design and Construction Phases | 17.1 | N/A | N/A | N/A | N/A | N/A | | | | | | CQVA SER completed May 27, 2010 | No | | RAI 79, 17.5-5 site inspection is open item | review complete | |
| | Reliability Assurance Program (RAP) | 17.4 | 92(3688) | 9/29/2009 | SPLB PSER complete | RAI response provided on December 9, 2009 (ML093440887) | yes | | RAI 189 (5237) | QAPD | 11/16/2010 | | RAI 189 response due in 35 days from 11/16/2010. | no | | RAI 92, 17.04-1 through 4 are confirmatory items. | January-11 | |
| | Quality Assurance Program Description - Design Certification, Early Site Permit and New License Applicants | 17.5 | 79(2996) | 9/25/2009 | CQVP PSER Complete | Response on 11/13/2009; ML093210468 | yes | | | | | | CQVA SER completed May 27, 2010 | No | | RAI 79, 17.5-1, 17.5-6, 17.5-8 are confirmatory items. 17.5-3 and 17.5-9 are open items | December-10 | |
| | Maintenance Rule | 17.6 | N/A | N/A | SPLB PSER complete | N/A | yes | | | | | | | | | | | December-10 |
| Part 2 Chap 18 | HFE Program Management | 18.1 | N/A | N/A | COLP PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete | |
| | Operating Experience Review | 18.2 | N/A | N/A | COLP PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete | |
| | Functional Requirements Analysis and Function Allocation | 18.3 | N/A | N/A | COLP PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete | |
| | Task Analysis | 18.4 | N/A | N/A | COLP PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete | |
| | Staffing and Qualifications | 18.5 | N/A | N/A | COLP PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete | |
| | Human Reliability Analysis | 18.6 | N/A | N/A | COLP PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete | |
| | Human-System Interface Design | 18.7 | N/A | N/A | COLP PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete | |
| | Procedure Development | 18.8 | N/A | N/A | COLP PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete | |
| | Training Program Development | 18.9 | N/A | N/A | COLP PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete | |
| | Human Factors Verification and Validation | 18.1 | N/A | N/A | COLP PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete | |
| Design Implementation | 18.11 | N/A | N/A | COLP PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete | | |
| Human Performance Monitoring | 18.12 | N/A | N/A | COLP PSER complete, IBR | N/A | yes | N/A | N/A | N/A | N/A | IBR | N/A | N/A | Yes | No open items | review complete | | |

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|----------------|--|-------------|----------------------------------|---------------------------------|--|--|---------------------------------|----------------------|----------------|------------------------------|--|--|--|--------------------------------|------------------|--|---------------------------------|
| Part 9 Chap 19 | Probabilistic Risk Assessment and Severe Accident Evaluation for New Reactors | 19 | N/A | N/A | SEB1 and SPLA PSER complete | N/A | Yes | | | | | | | | | | January-11 |
| | Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-Informed Activities | 19.1 | 26(3287) 28(3214) | 08/11/2009 8/14/2009 | RAI 26 response is ML092670160 on 9/22/2009; and RAI 28 response is ML092720676 on 9/24/2009 | RAI 26 response is ML092670160 and RAI 28 response is ML092720676; | Yes | | RAI 165 (4619) | follow up to RAI 26 | 5/19/2010 | | Luminant provided its response on June 24, 2010. ML101810138 | | | RAIs 26 and 28 were closed. | January-11 |
| | Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-Informed Activities | 19.1 | 93(3729) | 9/29/2009 | | November 11, 2009. RAI response on ML093200501 | Yes | | RAI 166 (4638) | follow up to RAI 28 | 5/20/2010 | | Luminant provided its response on June 24, 2010. ML101810138 | | | | January-11 |
| | Review of Risk Information Used to Support Permanent Plant-Specific Changes to the Licensing Basis: General Guidance | 19.2 | N/A | N/A | SEB1 and SPLA PSER complete | N/A | Yes | | | | | | | | | | |
| Part 1 | Administrative and Financial Information | N/A | 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 | YES | | | December-10 |
| Part 1 | Administrative and Financial Information | N/A | N/A | N/A | N/A | N/A | N/A | | | foreign ownership mitigation | RAI issued October 14, 2010 ML102220164 | Luminant's response due December 20, 2010. | | | | | |
| Part 1 | Administrative and Financial Information | N/A | N/A | 06/25/2009; ML091460089 | RAI response received, dated August 31, 2009 | August 31, 2009; ML092520269; ADAMS package ML092520302 | yes | N/A | N/A | financial assurance | 11/23/2009; ML092931712 | 11/23/2009 letter was second RAI | Luminant submitted its response on January 27, 2010 | YES | | | December-10 |
| Part 4 | Technical Specifications | | | | | | | | | | | | | | | | |
| Part 5 | Emergency Plan | | | | | | | | | | | | | | | | |
| Part 10 | ITAAC and License Conditions | | 81(3293) 82(3366) 83(3532) | 9/25/2009 for all three RAIs | N/A | Response on 11/13/2009; ML093210468 | Yes | | | | | | | | | | |
| Part 11 | COLA Enclosures QAPD | | | | | | | | | | | On June 24, 2010, Luminant provided Revision 1 to Part 11 and Rev 2 to QAPD | June 24, 2010 submittal - ML101810400 | | | | |