

**Comanche Peak Nuclear Power Plant, Units 3 & 4
COL Application**

Part 2

FSAR

Revision 4

Change List

Chapter 1

Chapter 1 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
ACRONYMS AND ABBREVIATION	1-xxi	Acronym added for consistency with new Fukushima changes.	"NTTF" was added.	2	CTS-01532
1.2.1.7.2.8 Figure 1.2-202 Table 1.8-1R (Sheet 1 through 3 of 7)	1.2-3 1.2-9 1.8-5 through 1.8-7	Consistency with DCD per the CPNPP ISCP as described in Letter TXNB-12033 (ML 12268A413)	Revised 1.2.1.7.2.8, Figure 1.2-202 and Table 1.8-1R.	3	CTS-01538
Figure 1.2-1R (Sheet 1 through 2 of 2)	1.2-5 1.2-6	Consistency with DCD as described in Letter. TXNB-12033 (ML12268A413) and TXNB-12038 (ML12334A026)	Figure was updated to reflect standard plant and site-specific layout	0	CTS-01506
Figure 1.2-201	1.2-8	Consistency with DCD as described in Letter. TXNB-12033 (ML12268A413) and TXNB-12038 (ML12334A026)	Figure was updated to reflect standard plant and site-specific layout and general arrangement design changes.	0	CTS-01506
Figure 1.2-202	1.2-9	Design change as described in Letter TXNB-12033 (ML12268A413)	Figure was revised to reflect the integration of the north portions of the ESWPT into the south side of the UHSRS	0	CTS-01507

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Figures 1.2-203 through 1.2-210	1.2-10 through 1.2-17	Design change as described in Letter TXNB-12033 (ML12268A413), TXNB-12038 (ML12334A026), and TXNB-12030 (ML12243A456)	<p>Figures were revised to reflect:</p> <p>Integration of the north portions of the ESWPT into the south side of the UHSRS.</p> <p>Integration of adjacent UHSRS (C and D) and (A and B) on a single foundation.</p> <p>ESW Pump House layout changes described in responses to RAIs 243 S01 and 254 S03.</p> <p>Addition of an ESW Pipe Removal Shaft to the ESWPT Segment integrated to UHSRS C and D</p>	0	CTS-01507
Table 1.8-201 (Sheet 2 and 3 of 78) 1.9.6	1.8-13, 1.8-14 1.9-3, 1.9-4	Reflection of COL items designated by the US-APWR DCD update tracking report, MUAP-11021, Rev. 4 (ML13154A292)	COL items 1.9(2) through 1.9(7) were added.	2	CTS-01532
Table 1.8-201	1.8-17,	Response to RAI	Revised to	-	RCOL2_03.03.02-9

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(Sheets 6, 7,9, 14,26 of 78)	1.8-18, 1.8-20, 1.8-25, 1.8-37	No. 250 Luminant Letter no.TXNB-12032 Date 09/14/2012	incorporate RG 1.221.		
Table 1.9-201 (Sheet 12 of 12)	1.9-16				
Table 1.9-206 (Sheet 1 of 2)	1.9-25				
Table 1.8-201 (Sheet 6, 8, 9, of 78)	1.8-17 , 1.8-19, 1.8-20	Consistency with DCD Rev.4	Revised Table 1.8-201	4	CTS-01564
Sheet 27 through 29 of 78	1.8-38 through 1.8-40				
31, 34through 36 of 78	1.8-42, 1.8-45, through 1.8-47				
39,40, 43,through 53 of 78	1.8-52, 1.8-51, 1.8-54, through 1.8-64				
55 through57 of 78	1.8-66 Through 1.8-68				
59,67,68 of 78	1.8-70 1.8-78, 1.8-79				
73 through77 of 78)	1.8-84 through 1.8-88				

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Table 1.8-201 (Sheets 10, 11 of 78)	1.8-21 1.8-22	Response to RAI No. 262 Luminant Letter no.TXNB-12035 Date 9/26/2012	Revised COL 3.6(1) and COL 3.6(4).	-	RCOL2_03.06.01-1
Table 1.8-201 (Sheet 12 through 22 of 78)	1.8-23 through 1.8-33	Consistency with DCD	Revised Table 1.8-201.	3	CTS-01539
Table 1.8-201 (Sheet 31 of 78)	1.8-42	Response to RAI No. 271 Luminant Letter no.TXNB-13001 Date 01/17/2013	Added FSAR Location and Resolution Category for COL Item 6.2(6).	-	RCOL2_06.02.02-5
Table 1.8-201 (Sheet 31 of 78)	1.8-42	Response to RAI No. 272 Luminant Letter no.TXNB-13005 Date 03/04/2013	COL Item 6.2(5) location made more specific (Section 6.2.2.3 to Section 6.2.2.3.2)	-	RCOL2_06.02.02-6
Table 1.8-201 (Sheet 45 of 78)	1.8-56	2 nd Supplemental Response to RAI No. 251 Luminant Letter no.TXNB-12041 Date 12/03/2012	Change the wording to address the need of COL evaluation for a void detection system.	-	RCOL2_09.02.01-9 S02
Table 1.8-201 (Sheets 73, 76, 78 of 78)	1.8-84, 1.8-87, 1.8-89	Response to RAI No. 268 Luminant Letter no.TXNB-12043 Date 12/18/2012	Clarified resolution of combined license items on site specific information.	-	RCOL2_19-24

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Table 1.8-201 (Sheet 77 of 78)	1.8-88	Response to RAI No. 268 Luminant Letter no. TXNB-12043 Date 12/18/2012	Included updated FSAR reference locations.	-	RCOL2_19-25
APPENDIX 1A (new)	New pages after 1.10-10	Consistency with DCD	Appendix 1A was added consistent with DCD Appendix 1A.	2	CTS-01532
1.9.5.2 (new) APPENDIX 1B (new)	1.9-3 New pages after 1A-1	Addition of Fukushima-related actions	1.9.5.2 and Appendix 1B were added.	2	CTS-01532
1B.14	1B-26	Reflection of MUAP-13002 Rev. 1 ADAMS Accession Number: ML13280A469 submitted via MHI Letter No. UAP-HF-13238. ADAMS Accession Number: ML13280A473	Changed "Rev. 0, March 2013" to "Rev. 1, September 2013".	4	CTS-01564
Table 1B-201 Sheet 3 through 5 of 7	1B-29 through 1B-31	Reflection of MUAP-13002 Rev. 1 ADAMS Accession Number: ML13280A469 submitted via MHI Letter No. UAP-HF-13238. ADAMS Accession	Updated references to MUAP-13002 sections.	4	CTS-01564

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		Number: ML13280A473			

Chapter 2

Chapter 2 Change List

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				Rev. of FSAR T/R	Change ID No.
Acronyms and Abbreviations	2-lx 2-lxi	2 nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Revised to add the Acronyms: contaminated zone (CZ) and Effluent Concentration Limits (ECL)	-	RCOL2_02.04.13-5 S02
Acronyms and Abbreviations	2-lxi 2-lxv 2-lxvii	4 th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Section was revised to reflect new acronyms and abbreviations used in the groundwater elevation and pathways analysis description.	-	RCOL2_02.04.12-9 S04
Acronyms and Abbreviations	2-lxvi	Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Section was revised to reflect new acronyms and abbreviations used in the groundwater elevation and pathways analysis description.	-	RCOL2_02.04.12-12 S01
Table 2.0-1R (Sheet 1, 2 of 14) 2.3.1.2.2 2.3.2.3	2.0-2, 2.0-3 2.3-13 2.3-37	Response to RAI No. 250 Luminant Letter no.TXNB-12032 Date 09/14/2012	Revised to incorporate RG 1.221.	-	RCOL2_03.03.02-9
Table 2.0-1R (Sheet 1, 2, 8,9,10 of 14) 2.3.1.2 2.4.2 2.4.2.2 2.4.3 2.5.2	2.0-2 2.0-3 2.0-9 2.0-10 2.0-11 2.3-9 2.4-17 2.4-20 2.4-26 2.5-55	To address site-specific strategies to mitigate beyond design basis external events per guidance in NRC Order EA-12-049, the DCD added a new COL item (COL 1.9(2)-1) which resulted in an impact to FSAR Ch. 2.	The applicable portions of FSAR Ch. 2 were updated to incorporate COL 1.9(2)-1 and address beyond design basis external events per guidance in NRC Order EA 12-049.	2	CTS-01532

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Table 2.0-1R (Sheets 4, 5, 6 of 14)	2.0-5 2.0-6 2.0-7	Consistency with DCD as described in Letter. TXNB-12033 (ML12268A413)	Updated to reflect revised X/Q values.	0	CTS-01514
Table 2.0-1R (Sheet 5 of 14)	2.0-6	Errata	Corrected typo from FSAR R3 UTR R0 of 8-24 hour X/Q value for West HVAC Intake Main Steam Relief Valves.	3	CTS-01544
Table 2.0-1R (Sheet 8 of 14)	2.0-9	3 rd Supplemental Response to RAI No. 139 Luminant Letter no. TXNB-13016 Date 5/13/2013	Table revised to update maximum flood level.	-	RCOL2_02.04.02-2 S03
Table 2.0-1R (Sheet 9 of 14)	2.0-10	4 th Supplemental Response to RAI No. 147 Luminant Letter no. TXNB-13013 Date 4/29/2013	Table updated to describe site-specific groundwater levels.	-	RCOL2_02.04.12-9 S04
Table 2.0-1R (Sheet 9 of 14)	2.0-10	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Updated table entry to reflect revisions to Section 2.5	1	CTS-01521
Table 2.0-1R (Sheet 11 through 14 of 14) Table 2.3-338 (Sheet 2 of 3)	2.0-12 through 2.0-15 2.3-245	Consistency with DCD Rev. 4	Reflect updates to key site parameters and atmospheric dispersion factors, as well as updating source and receptor locations.	4	CTS-01563

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Table 2.3-339 (Sheet 2 of 2) Figure 2.3-382	2.3-248 -				
Table 2.0-1R (Sheet 10,11 of 14) 2.5.4.5.4.6.1 2.5.4.10.1 2.5.4.10.2 2.5.4.11 Tables 2.5.4-228 to 231	2.0-11 2.0-12 2.5-157 2.5-166 2.5-173 2.5-175 2.5-380 to 383	Supplemental Response 01 to RAI No. 22, Question 02.05.04-17 (ML093080096).	Revised to reflect changes made to seismic key site parameters. Errata change of wording.	-	RCOL2_02.05.04-17
Figure 2.1-201 2.3-380	- -	Consistency with DCD as described in Letter. TXNB-12033 (ML12268A413)	Updated to reflect standard plant and site-specific layout.	0	CTS-01513
2.3.1.2.2	2.3-13	Errata	Rephrases sentence about hurricane windspeed after landfall.	4	CTS-01563
Table 2.3-338 (Sheets 1,3 of 3)	2.3-244 2.3-246	Consistency with DCD as described in Letter. TXNB-12033 (ML12268A413)	Updated to reflect revised source and receptor locations.	0	CTS-01514
Table 2.3-339 (Sheet 1 of 2)	2.3-247	Consistency with DCD as described in Letter. TXNB-12033 (ML12268A413)	Updated to reflect revised X/Q values.	0	CTS-01514
2.4.2.1 2.4.2.2	2.4-18 2.4-18 through 2.4-20	3rd Supplemental Response to RAI No. 139 Luminant Letter no.TXNB-13016	Section revised to update probable maximum precipitation (PMP), probable maximum flood (PMF), and	-	RCOL2_02.04.02-2 S03

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2.4.2.3	2.4-21 through 2.4-25	Date 5/13/2013	two year coincident wind wave elevation and its effects.		
2.4.3	2.4-26	Editorial correction	Corrected 749.09ft to 794.09ft.	2	CTS-01542
2.4.3	2.4-26	3rd Supplemental Response to RAI No. 139 Luminant Letter no.TXNB-13016 Date 5/13/2013	Section revised to update water elevation values and regulation guidelines referenced.	-	RCOL2_02.04.02-2 S03
2.4.3.1	2.4-27 2.4-28				
2.4.3.3	2.4-29 through 2.4-31				
2.4.3.4	2.4-31 2.4-32				
2.4.3.5	2.4-32				
2.4.3.6	2.4-33				
2.4.3.5	2.4-32	Errata	Corrects vertical datum used and unit of measurement used.	4	CTS-01563
2.4.4.3	2.4-52	3rd Supplemental Response to RAI No. 139 Luminant Letter no.TXNB-13016 Date 5/13/2013	Section revised to update breach flow values and overtopping elevation	-	RCOL2_02.04.02-2 S03
2.4.7	2.4-58				
2.4.4.1	2.4-44 through 2.4-51				
2.4.4.3	2.4-52 2.4-53				
2.4.5	2.4-54	3rd Supplemental Response to RAI No. 139 Luminant Letter no.TXNB-13016 Date 5/13/2013	Section revised to update PMF, maximum flood level, and elevation reference.	-	RCOL2_02.04.02-2 S03
2.4.7	2.4-58				
2.4.10	2.4-62				
2.4.14	2.4-104				
2.4.16	2.4-109				
2.4.12.2.4	2.4-74 through 2.4-78	Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013	Sections were updated to reflect updated groundwater well monitoring results.	-	RCOL2_02.04.12-12 S01
2.4.12.5					

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	2.4-88	Date 4/29/2013			
2.4.12.2.4	2.4-75	Editorial	Updated sheet number to Sheet 1 through 5.	-	RCOL2_02.04.12-12 S01
2.4.12.3 2.4.12.3.1 2.4.12.3.1.1 2.4.12.3.1.1.1 2.4.12.3.1.1.2 2.4.12.3.1.1.3 2.4.12.5	2.4-81 2.4-82 2.4-83 2.4-84 2.4-84 2.4-85 2.4-85 2.4-86 2.4-86 2.4-87 2.4-88 through 2.4-91	4 th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Section was revised to reflect updates to the maximum groundwater elevation and pathways.	-	RCOL2_02.04.12-9 S04
2.4.13	2.4-92	2 nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Section revised to include conceptual vertical movement of groundwater to the nearest surfacewater body and aquifer.	-	RCOL2_02.04.13-5 S02
2.4.13.1	2.4-92 2.4-93 2.4-94 2.4-95	2 nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Section revised to correct editorial errors and remove unnecessary acronyms.	-	RCOL2_02.04.13-5 S02
2.4.13.1	2.4-94	2 nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Removed unnecessary abbreviation "(NE)" from second sentence of first paragraph.	-	CTS-01535
2.4.13.1	2.4-94	2 nd	Revised text to	-	CTS-01536

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		Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	reflect change in Figure number from 2.4.12-207 to 2.4.12-208 in third paragraph.		
2.4.13.2	2.4-95 2.4-96	2 nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Section revised to describe the two pathways (vertical & horizontal) that were considered in the postulated tank failure evaluated using RESRAD-OFFSITE.	-	RCOL2_02.04.13-5 S02
2.4.13.4.2 (deleted)	2.4-96	2 nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Subsections were deleted and topics included in these sections were incorporated into 2.4.13.2	-	RCOL2_02.04.13-5 S02
2.4.13.2.1 2.4.13.2.1.1 2.4.13.2.1.2 2.4.13.2.2	2.4-96 through 2.4-102	2 nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Section added to describe the shortest and fastest horizontal flow paths and the vertical flow path.	-	RCOL2_02.04.13-5 S02
2.4.13.3	2.4-102 2.4-103	2 nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Subsections were deleted and topics included in these sections were incorporated into 2.4.13.2	-	RCOL2_02.04.13-5 S02
2.4.13.3	2.4-102 2.4-103	2 nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Subsection included to provide a summary of the limiting and bounding pathways chosen for releases.	-	RCOL2_02.04.13-5 S02
2.4.13.5 2.4.13.5.1 through 2.4.13.5.7	2.4-102	2 nd Supplemental Response to RAI No. 145	Subsections were deleted and topics included in these sections were	-	RCOL2_02.04.13-5 S02

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(deleted)		Luminant Letter no.TXNB-13018 Date 5/28/2013	incorporated into 2.4.13.2		
2.4.16	2.4-113	2 nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Subsection was revised to remove reference 2.4-297.	-	RCOL2_02.04.13-7 S02
Table 2.4.2-205 Table 2.4.2-206 Table 2.4.2-207 (Sheets 1, 2 of 2) Table 2.4.2-208 Table 2.4.2-209	2.4-139 2.4-140 2.4-141 2.4-142 2.4-143 2.4-144	3 rd Supplemental Response to RAI No. 139 Luminant Letter no.TXNB-13016 Date 5/13/2013	Tables have been revised to update PMP values, runoff values, surface water elevations, supercritical velocities.	-	RCOL2_02.04.02-2 S03
Table 2.4.3-201 Table 2.4.3-202 Table 2.4.3-203 Table 2.4.3-204 Table 2.4.3-205 Table 2.4.3-207 Table 2.4.3-208 Table 2.4.3-209 Table 2.4.3-210	2.4-145 2.4-146 2.4-147 2.4-148 2.4-149 2.4-151 2.4-152 2.4-153 2.4-154	3 rd Supplemental Response to RAI No. 139 Luminant Letter no.TXNB-13016 Date 5/13/2013	Tables have been revised to update watershed PMP values, watershed subbasin characteristics, and Snyder's unit hydrograph characteristics. Tables 2.4.3-203, 2.4.3-204, 2.4.3-205, 2.4.3-208, 2.4.3-209, have been deleted.	-	RCOL2_02.04.02-2 S03
Table 2.4.3-211 Table 2.4.3-212 Table 2.4.3-213 Table 2.4.3-214	2.4-155 2.4-156 2.4-157 2.4-158	3 rd Supplemental Response to RAI No. 139 Luminant Letter no.TXNB-13016 Date 5/13/2013	Tables have been added providing: watershed hourly PMP estimates for the four basins and SCR watershed hourly PMP	-	RCOL2_02.04.02-2 S03

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Table 2.4.3-215	2.4-159		estimates.		
Table 2.4.4-201 (sheet 8 of 8) NOTES Table 2.4.4-202 (Sheet 2 of 2) NOTES	2.4-167 2.4-169	Editorial	Revised the word "damsn" to "dams"	-	-
Table 2.4.12-208 (Sheets 1, 2 of 2)	2.4-213 2.4-214	4 th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Table was revised to reflect updates to the groundwater monitoring wells installation details.	-	RCOL2_02.04.12-9 S04
Table 2.4.12-209 (Sheets 1 through 6 of 6)	2.4-215 through 2.4-220	Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Table was revised to reflect updated groundwater monitoring results.	-	RCOL2_02.04.12-12 S01
Table 2.4.12-211	2.4-225	4 th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Table was revised to reflect updated results of the groundwater pathways analysis.	-	RCOL2_02.04.12-9 S04
Table 2.4.12-211	2.4-225	Errata	Correct typo for travel time (days)	4	CTS-01563
Table 2.4.12-213	2.4-227	Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Table was added to show average rate of rise in non-equilibrium groundwater monitoring wells.	-	RCOL2_02.04.12-12 S01
Table 2.4.13-202 (Sheets 1, 2 of 2)	2.4-229 2.4-230	2 nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Table was revised to show the Radionuclide Concentrations and Unity Values for the Shortest Horizontal Flow Path Scenario.	-	RCOL2_02.04.13-5 S02
Table 2.4.13-203 (Sheets 1, 2 of 2)	2.4-231 2.4-232	2 nd Supplemental Response to RAI No. 145 Luminant Letter	Table was revised to show the Radionuclide Concentration and Unity Values for the	-	RCOL2_02.04.13-5 S02

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		no.TXNB-13018 Date 5/28/2013	Fastest Horizontal flow Path Scenario.		
Table 2.4.13-204 (Sheets 1, 2 of 2)	2.4-233 2.4-234	2nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Table was revised to show the Radionuclide Concentrations and Unity Values for the Vertical Flow Path Scenario.	-	RCOL2_02.04.13-5 S02
Table 2.4.13-205 (Sheets 1, 2 of 2)	2.4-235 2.4-236	2nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Table was revised to show a summary of the sensitivity analyses performed.	-	RCOL2_02.04.13-5 S02
Table 2.4.13-206 (Sheets 1, 2 of 2) (deleted)	2.4-236	2nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Table was deleted.	-	RCOL2_02.04.13-5 S02
Table 2.4.13-207 (Sheets 1, 2 of 2) (deleted)	2.4-236	2nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Table was deleted.	-	RCOL2_02.04.13-5 S02
Table 2.4.13-208 (Sheets 1, 2 of 2) (deleted)	2.4-236	2nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Table was deleted.	-	RCOL2_02.04.13-5 S02
Table 2.4.13-209 (Sheets 1, 2 of 2) (deleted)	2.4-236	2nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Table was deleted.	-	RCOL2_02.04.13-5 S02
Table 2.4.13-210 (deleted)	2.4-236	2nd Supplemental	Table was deleted.	-	RCOL2_02.04.13-5 S02

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		Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013			
Table 2.4.13-211 (deleted)	2.4-236	2nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Table was deleted.	-	RCOL2_02.04.13-5 S02
Table 2.4.13-212 (deleted)	2.4-236	2nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Table was deleted.	-	RCOL2_02.04.13-5 S02
Figure 2.4.2-202 Figure 2.4.2-203 Figure 2.4.2-204 Figure 2.4.2-205 Figure 2.4.2-206 Figure 2.4.2-207	-	3 rd Supplemental Response to RAI No. 139 Luminant Letter no.TXNB-13016 Date 5/13/2013	Figures revised to reflect: latest site grading and drainage plan, update supercritical flow locations, and update PMP depth curves. Figures 2.4.2-205 has been deleted.	-	RCOL2_02.04.02-2 S03
Figure 2.4.3-202 Figure 2.4.3-203 Figure 2.4.3-204 Figure 2.4.3-205	-	3rd Supplemental Response to RAI No. 139 Luminant Letter no.TXNB-13016 Date 5/13/2013	Figures were revised to include storm centers, update the sub-basin schematic, update PMF flow and elevation hydrographs, and critical fetch length. Figures 2.4.3-203	-	RCOL2_02.04.02-2 S03

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Figure 2.4.3-207 Figure 2.4.3-208 Figure 2.4.3-209			and 2.4.3-204 were deleted.		
Figure 2.4.3-211 Figure 2.4.3-212 Figure 2.4.3-213 Figure 2.4.3-214 Figure 2.4.3-215 Figure 2.4.3-216 Figure 2.4.3-217	-	3rd Supplemental Response to RAI No. 139 Luminant Letter no.TXNB-13016 Date 5/13/2013	Figures have been revised to update Snyder's unit hydrographs for basins 1-4. Figures 2.4.3-211 and 2.4.3-212 have been deleted.	-	RCOL2_02.04.02-2 S03
Figure 2.4.3-219 Figure 2.4.3-220 Figure 2.4.3-221 Figure 2.4.3-222 Figure 2.4.3-223	-	3rd Supplemental Response to RAI No. 139 Luminant Letter no.TXNB-13016 Date 5/13/2013	Figures have been added showing overall watershed two-thirds temporal distribution for Basins 1-4.	-	RCOL2_02.04.02-2 S03
Figure 2.4.4-203	-	3rd Supplemental Response to RAI No. 139	Figure revised to update water surface elevation at Brazos River.	-	RCOL2_02.04.02-2 S03

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
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		Luminant Letter no.TXNB-13016 Date 5/13/2013			
Figure 2.4.12-208	-	Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Figure was update to reflect new site layout and plot plan.	-	RCOL2_02.04.12-12 S01
Figure 2.4.12-209 (Sheets 1 through 60 of 60)	-	Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Figure was updated to reflect latest groundwater monitoring results (adding 40 more sheets)	-	RCOL2_02.04.12-12 S01
Figure 2.4.12-210 (Sheets 1 through 6 of 6)	-	Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Figure was updated to reflect new site layout and plot plan and updated groundwater monitoring results (adding 2 more sheets)	-	RCOL2_02.04.12-12 S01
Figure 2.4.12-212	-	4 th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Figure was revised to reflect updated results of the groundwater pathways analysis.	-	RCOL2_02.04.12-9 S04
Figure 2.4.12-213	-	4 th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Figure was revised to reflect updated results of the groundwater pathways analysis.	-	RCOL2_02.04.12-9 S04
Figure 2.4.12-214	-	4 th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Figure was revised to reflect updated vertical release pathway.	-	RCOL2_02.04.12-9 S04
Figure 2.4.12-215	-	4 th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Figure was updated to show comparison between pre and post construction surface topography.	-	RCOL2_02.04.12-9 S04

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Figure 2.4.12-216	-	4 th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Figure was added to show cut and engineered fill buildup areas.	-	RCOL2_02.04.12-9 S04
Figure 2.4.12-217	-	4 th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Figure was updated to reflect the updated post-construction groundwater conceptual model.	-	RCOL2_02.04.12-9 S04
Figure 2.4.12-218	-	4 th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Figure was added showing post-construction surface topography.	-	RCOL2_02.04.12-9 S04
Figure 2.4.12-219 (Sheets 1, 2 of 2)	-	4 th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Figure was added to show MODFLOW model grid.	-	RCOL2_02.04.12-9 S04
Figure 2.4.12-220	-	4 th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Figure was added to reflect results of the groundwater pathways analysis.	-	RCOL2_02.04.12-9 S04
Figure 2.4.13-201 through Figure 2.4.13-207	-	2 nd Supplemental Response to RAI No. 145 Luminant Letter no.TXNB-13018 Date 5/28/2013	Figure 2.4.13-201 was revised to update the release locations for the BAT and Horizontal Flow Paths (Fastest & Shortest). Figures 2.4.13-202 through 2.4.13-207 were deleted.	-	RCOL2_02.04.13-5 S02
2.5.1	2.5-2	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.			
2.5.1.1.4	2.5-16	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.1.1.4.2	2.5-20	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.1.1.4.2.3	2.5-22 2.5-23	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		RAI 261 response ML12207A599.			
2.5.1.1.4.3	2.5-23	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.1.1.4.3.4.2	2.5-27 2.5-28	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.1.1.4.3.6	2.5-29	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.1.1.4.3.6.1	2.5-30	To reflect plant layout changes	Section was revised due to CEUS and	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	CPNPP layout update.		
2.5.1.1.4.3.6.1. 1 through 2.5.1.1.4.3.6.1. 2 (deleted)	2.5-30	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.1.1.4.3.6.2	2.5-31 2.5-32	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.1.1.4.3.7	2.5-32	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.			
2.5.1.1.4.3.7.1	2.5-32	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.1.1.4.3.7.2	2.5-32 through 2.5-34	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.1.1.4.3.7.3 (deleted)	2.5-34	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
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		response ML12207A599.			
2.5.1.2.5.1	2.5-44 2.5-45	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.1.2.5.2	2.5-45	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.1.2.5.6	2.5-48	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.1.2.5.10.1	2.5-49	To reflect plant layout changes and inclusion of	Section was revised due to CEUS and CPNPP layout	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	update.		
2.5.1.2.5.10.2.3	2.5-53	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.1.2.5.10.3	2.5-53 2.5-54	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2	2.5-55 2.5-56	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.			
2.5.2.1	2.5-56 2.5-57	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.1.1	2.5-57	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.1.2	2.5-57 through 2.5-60	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		ML12207A599.			
2.5.2.1.3	2.5-60	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.1.3.1	2.5-60 2.5-61	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.1.3.2	2.5-61 through 2.5-64	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.2	2.5-64 2.5-65	To reflect plant layout changes and inclusion of EPRI-CEUS	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.			
2.5.2.2.1	2.5-65	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.2.1.1	2.5-66	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.2.1.2	2.5-66	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521

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				Rev. of FSAR T/R	Change ID No.
		ML12268A41 and Fukushima RAI 261 response ML12207A599.			
2.5.2.2.1.3	2.5-66	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.2.1.4 through 2.5.2.2.2.6 (deleted)	2.5-66	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.3	2.5-66 2.5-67	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521

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2.5.2.4	2.5-67 2.5-68	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.4.1	2.5-68	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.4.2	2.5-68	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.4.2.1	2.5-69, 2.5-70	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog,	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521

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				Rev. of FSAR T/R	Change ID No.
		as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.			
2.5.2.4.2.2	2.5-70	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.4.2.2.1 through 2.5.2.4.2.3.4 (deleted)	2.5-70	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.4.3	2.5-70 2.5-71	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521

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				Rev. of FSAR T/R	Change ID No.
		and Fukushima RAI 261 response ML12207A599.			
2.5.2.4.4	2.5-71 through 2.5-74	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.5	2.5-74 2.5-75	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.5.1	2.5-75	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.5.2.1	2.5-76	To reflect plant	Section was revised	1	CTS-01521

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	2.5-77	layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	due to CEUS and CPNPP layout update.		
2.5.2.5.2.2	2.5-77	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.5.2.3	2.5-77 through 2.5-79	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.6.1	2.5-79 2.5-80	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521

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				Rev. of FSAR T/R	Change ID No.
		both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.			
2.5.2.6.1	2.5-79	Supplemental Response to RAI No. 233 Luminant Letter no.TXNB-13029 Date 10/7/2013	Section and tables updated to reflect seismic effects of new groundwater level. Figures updated to reflect new site plan.		RCOL2_02.05.04-26
2.5.4.1.5	2.5-100				
2.5.4.2.1.1	2.5-104				
2.5.4.2.1.7.2	2.5-111				
	2.5-112				
2.5.4.2.3	2.5-124				
2.5.4.3	2.5-134				
2.5.4.3.3	2.5-138				
	2.5-139				
2.5.4.5	2.5-145				
2.5.4.5.1	2.5-146				
2.5.4.5.2	2.5-147				
	2.5-148				
2.5.4.5.3	2.5-150				
2.5.4.5.4	2.5-151				
2.5.4.6.2	2.5-159				
2.5.4.7.1	2.5-160				
	2.5-161				
2.5.4.7.2	2.5-161				
2.5.4.7.3	2.5-161				
2.5.4.7.4	2.5-161				
	through				
	2.5-163				
2.5.4.8	2.5-163				
	2.5-164				
2.5.4.9	2.5-164				
2.5.4.10.1	2.5-164				
	2.5-165				
2.5.4.10.3	2.5-174				
2.5.5	2.5-178				
2.5.5.1.1	2.5-179				
2.5.5.1.2	2.5-180				

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2.5.5.2.1 2.5.5.2.3 2.5.5.2.5 2.5.5.2.7 Table 2.5.5-201 Table 2.5.5-203 Figures 2.5.4-201 to 203, 2.5.4-206 to 216 Figures 2.5.5-201, 204 to 219	2.5-181 2.5-182 2.5-185 2.5-186 2.5-188 2.5-384 2.5-386 - -				
2.5.2.6.1.1	2.5-80 Through 2.5-82	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.6.1.2	2.5-82 2.5-83	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521

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		ML12207A599.			
2.5.2.6.2	2.5-83 through 2.5-85	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.2.6.3	2.5-85 2.5-86	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.3.1	2.5-87 2.5-88	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.3.2	2.5-88	To reflect plant layout changes and inclusion of EPRI-CEUS	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521

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				Rev. of FSAR T/R	Change ID No.
		Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.			
2.5.3.3	2.5-91	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Section was revised due to CEUS and CPNPP layout update.	1	CTS-01521
2.5.4.10.5	2.5-175	Supplemental Response 01 to RAI 22 Question 02.05.04-18 (ML092820486)	Calculates coefficient of friction.	-	RCOL2_02.05.04-18
2.5.5.2.5 2.5.5.2.7 Table 2.5.5-203 Figures 2.5.5-215 to 219	2.5-186 2.5-188 2.5-386 -	Supplemental Response 01 to RAI 19, Question 02.05.05-1 (ML09080096).	Sections revised to incorporate latest grading and drainage plan and groundwater elevation of 804ft.	-	RCOL2_02.05.05-1
2.5.7	2.5-199 2.5-203 2.5-206 through 2.5-208 2.5-211 2.5-215	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41	Section was revised to remove unused references and due to CEUS and CPNPP layout update.	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		and Fukushima RAI 261 response ML12207A599.			
Table 2.5.2-201 (Sheet 1 through 4 of 4)	2.5-255 through 2.5-258	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Table 2.5.2-202 (Sheet 1, 2 of 2)	2.5-259 through 2.5-260	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Table 2.5.2-203 (Sheet 1, 2 of 2)	2.5-261 through 2.5-262	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		ML12207A599.			
Table 2.5.2-204	2.5-263	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Table 2.5.2-205	2.5-264	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Table 2.5.2-206	2.5-265	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
Table 2.5.2-207	2.5-266	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Table 2.5.2-208	2.5-267	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Table 2.5.2-209	2.5-268	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Table 2.5.2-210	2.5-269	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog,	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.			
Table 2.5.2-211	2.5-270	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Table 2.5.2-212 (Sheet 1 through 6 of 6)	2.5-271 through 2.5-276	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Table 2.5.2-213	2.5-277	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		and Fukushima RAI 261 response ML12207A599.			
Table 2.5.2-214 (Sheet 1, 2 of 2)	2.5-278 2.5-279	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Table 2.5.2-215 (Sheet 1, 2 of 2)	2.5-280 2.5-281	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Table 2.5.2-216 (Sheet 1, 2 of 2)	2.5-282 2.5-283	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Table 2.5.2-217	2.5-284	To reflect plant	Table was revised	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
(Sheet 1, 2 of 2)	2.5-285	layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	due to CEUS and CPNPP layout update.		
Table 2.5.2-218 (Sheet 1, 2 of 2)	2.5-286 2.5-287	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Table 2.5.2-219 (Sheet 1, 2 of 2)	2.5-288 2.5-289	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Table 2.5.2-220	2.5-290	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.			
Table 2.5.2-221 (Sheet 1, 2 of 2)	2.5-291 2.5-292	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Table 2.5.2-222	2.5-293	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Table 2.5.2-223 (Sheet 1, 2 of 2)	2.5-294 2.5-295	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima	Table was revised due to CEUS and CPNPP layout update.	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		RAI 261 response ML12207A599.			
Tables 2.5.2-224 through 2.5.2-237 (deleted)	2.5-295	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Tables were deleted due to CEUS and CPNPP layout update.	1	CTS-01521
Figure 2.5.1-213	-	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Figure was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Figure 2.5.1-215	-	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Figure was revised due to CEUS and CPNPP layout update.	1	CTS-01521
Figure 2.5.1-230	-	To reflect plant layout changes	Figure was revised due to CEUS and	1	CTS-01521

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	CPNPP layout update.		
Figures 2.5.2-201 through 259 New Figures 2.5.2-260 through 277	-	To reflect plant layout changes and inclusion of EPRI-CEUS Seismic Catalog, as described in both the Luminant ISCP Letter ML12268A41 and Fukushima RAI 261 response ML12207A599.	Figures were revised due to CEUS and CPNPP layout update.	1	CTS-01521
Figures 2.5.4-246 to 261	-	Supplemental Response 01 to RAI 170, Question 02.05.04-22 [TXNB-10062 (SRI)]	Updated plant layout and geometries in figures.	-	RCOL2_02.05.04-22

Chapter 3

Chapter 3 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
ACRONYMS AND ABBREVIATIONS	3-ix	Design change as described in Luminant ISCP Letter ML12268A413	The acronym for essential service water pipe chase was added.	2	CTS-01532
Acronyms and Abbreviations	3-x 3-xi	Editorial	Acronyms for ground water level, high bound, Nuclear Energy Institute, performance based surface response spectra, soil column surface response, single degree of freedom, zero period acceleration were added.	4	CTS-01561
3.2.2	3.2-1	Consistency with DCD Rev. 4	Change of the paragraph number for replacement of the DCD description.	4	CTS-01561
3.2.2.5	3.2-1	Consistency with DCD Rev. 4	Revised the description to have consistency with DCD Rev. 4.	4	CTS-01561
Table 3.2-201 (Sheets 1-3 of 3, Notes)	3.2-3 through 3.2-5,	Consistency with DCD Rev. 4.	Change the column from "10CFR50 Appendix B (ref. 3.208)" to "Quality Assurance Classification" Revise the notes	4	CTS-01561
Table 3.2-201 (Sheets 2, 3 of 3)	3.2-4 3.2-5	Supplemental Response to RAI	Following SSCs for freeze	-	RCOL2_14.0 3.07-38 S01

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		No. 254 Luminant Letter no.TXNB-12034 Date 09/24/2012	protection are added to the table: - Drain lines from ESWS piping - ESW piping room unit heaters - UHS transfer piping room unit heaters		
3.3 3.3.2.1 (New Subsection) 3.3.2.2.1 (New Subsection) 3.3.2.2.4 3.3.2.3 3.3.3 3.5.1.4 (New Subsection) 3.5.1.5 3.5.2 3.5.4 3.7.3.9 3.8.4.1.3.1 3.8.4.1.3.2 3.8.4.4.4.2	3.3-1 3.3-2, 3.3-3, 3.3-4 3.5-3 3.5-4 3.5-6 3.5-15 3.8-4 3.8-5 through 3.8-7 3.8-12, 3.8-13	Response to RAI No. 250 Luminant Letter no.TXNB-12032 Date 09/14/2012	Revised to incorporate RG 1.221.	-	RCOL2_03.03.02-9

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
Table 3.8-203 3.12.5.3.6 3.12.7 3LL.2	3.8-24 3.12-1 3.12-2 3LL-2				
3.4.1.2	3.4-1	Response to RAI No. 275 Luminant Letter no.TXNB-13019 Date 6/18/2013	Revised 3.4.1.2 to address the failure of the outside tanks.	-	RCOL2_03.04.01-1
3.4.1.2	3.4-1	Fukushima-related COL item COL 1.9(3)	Description for the BDB external flood evaluation was added.	2	CTS-01532
3.4.1.3	3.4-2	Design change as described in Luminant ISCP Letter ML12268A413	Description for the flooding evaluation for the site-specific structures and ESWPC was added.	2	CTS-01539
3.4.1.3	3.4-2	Consistency with DCD Rev.4	Insert description to address STD COL 3.4(8)	4	CTS-01561
3.4.1.4	3.4-3	Fukushima-related COL item COL 1.9(3)	Description for the BDB external flood evaluation was added.	2	CTS-01532
3.4.3	3.4-3	Consistency with DCD Rev.4	Insert STD COL 3.4(8)	4	CTS-01561
3.4.4	3.4-4	The reference is not used any more.	Reference 3.4-201 was deleted.	2	CTS-01532
3.4.4	3.4-4	Reference by the addition of Fukushima-related description to Subsection	Reference 3.4-202 was added.	2	CTS-01532

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		3.4.1.2.			
3.5.1.6	3.5-5	Correction	Clarified definition of A, effective area of the plant, and corrected the calculated value of N, estimated annual number of aircraft operation	2	CTS-01541
3.5.1.6	3.5-5	Consistency with DCD and site-specific changes as described in Letter. TXNB-12033 (ML12268A413)	Updated aircraft hazards evaluation to reflect changes in plant layout.	0	CTS-01515
3.5.4	3.5-6	Consistency with DCD Rev.4	CP COL 3.5(6): Replace with "Identify SSCs to be protected, and assess the orientation of the T/B with respect to these essential SSCs"	4	CTS-01561
3.6.1.3	3.6-1	Supplemental 01 Response to RAI No. 252	Added Table for site-specific high and moderate energy fluid systems.	-	RCOL2_09.02.05-25 S01
3.6.4	3.6-2	Luminant Letter no.TXNB-12031			
Table 3.6-201	3.6-4	Date 09/10/2012			
3.6.1.3	3.6-1 through 3.6-2	Response to RAI No. 262 Luminant Letter no.TXNB-12035 Date 9/26/2012	Revised COL 3.6(1).	-	RCOL2_03.06.01-1
3.6.2.1	3.6-2	Response to RAI No. 262 Luminant Letter no.TXNB-12035 Date 9/26/2012	Revised COL 3.6(4).	-	RCOL2_03.06.01-1
3.7	3.7-1	Design and layout changes as described in the ISCP, Letter	Revised to reflect updated seismic design and analysis	3	CTS-01549
3.7.1.1	3.7-1 through				

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
	3.7-5	TXNB-12033 (ML12268A413)			
3.7.1.2	3.7-5				
3.7.1.3	3.7-5, 3.7-6				
3.7.2.1	3.7-6				
3.7.2.3.1	3.7-7				
3.7.2.3.4 (New 3.7.2.3.2)	3.7-7				
3.7.2.4.1 (New 3.7.2.4.5)	3.7-7 through 3.7-14				
3.7.2.8	3.7-15				
3.7.3.9	3.7-15				
3.7.4.1	3.7-16				
3.7.5	3.7-18 through 3.7-20				

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
3.7.6 (New)	3.7-20				
Table 3.7.1-3R	3.7-21				
Table 3.7.2-1R	3.7-22 through 3.7-23				
Table 3.7-201	3.7-24				
Table 3.7-202	3.7-25				
Table 3.7-203	3.7-26				
Table 3.7-204, 3.7-205 (New)	3.7-27 through 3.7-31				
Figure 3.7-201 through 3.7-209	3.7-32 through 3.7-42				
Figure 3.7-210 through 3.7-222 (New)	3.7-43 through 3.7-55				
3.8.4.1.3	3.8-3	Design and layout changes as described in the ISCP, Letter TXNB-12033 (ML12268A413)	Revised to reflect updated structural design	3	CTS-01549
3.8.4.1.3.1	3.8-3 through 3.8-4				
3.8.4.1.3.2	3.8-4 through				

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
	3.8-7				
3.8.4.1.3.3	3.8-7				
3.8.4.4.1.4 (New)	3.8-9				
3.8.4.4.3 (New 3.8.4.4.4)	3.8-9				
3.8.4.4.3.1 (New 3.8.4.4.4.1)	3.8-9 through 3.8-11				
3.8.4.4.3.2 (New 3.8.4.4.4.2)	3.8-12, 3.8-13				
3.8.4.4.3.3. (New 3.8.4.4.4.3)	3.8-13, 3.8-14				
3.8.5.1.3.1	3.8-15, 3.8-16				
3.8.5.1.3.2	3.8-16				
3.8.5.1.3.3	3.8-16				
3.8.5.4.4	3.8-16, 3.8-17				
3.8.5.5	3.8-17				

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
3.8.5.5.2	3.8-18				
3.8.6	3.8-20, 3.8-21				
Table 3.8-202, 3.8-203	3.8-23				
Table 3.8.5-6R (New)	3.8-24, 3.8-25				
Figure 3.8-201 through 3.8-214	3.8-28 through 3.8-39				
3.8.4.1.3.1	3.8-4	Response to RAI No. 265 Luminant Letter no.TXNB-12043 Date 12/18/2012	Description for environmental conditions of ESWPT and a temporary ventilation system are added.	-	RCOL2_09.05.04-1
3.8.4.1.3.2	3.8-6	Response to RAI No. 254 Luminant Letter no.TXNB-12022 Date 6/21/2012	Clarified design criteria.	-	RCOL2_14.03.07-38
Table 3.8.5-6R (New)	3.8-24	Consistency with DCD Rev. 4	Change "5.7" to "1.2" for Overturning (FS_{ot}) of R/B Complex for Load Combination D+H+E _s	4	CTS-01561
Table 3.8.5-6R (New)	3.8-24	Consistency with DCD Rev. 4	Delete "2.8" from Sliding	4	CTS-01561

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
			(FS _{sl}) of R/B Complex for Load Combination D+H+E _s		
Table 3.8.5-6R (New)	3.8-24	Consistency with DCD Rev. 4	Change “-” to “N/A” for Flotation (FS _{fl}) of R/B Complex for Load Combinations D+H+W, D+H+E _s , and D+H+W _t	4	CTS-01561
Table 3.8.5-6R (New)	3.8-24	Consistency with DCD Rev. 4	Change “-” to “N/A” for Overturning (FS _{ot}) and Sliding (FS _{sl}) of R/B Complex for Load Combination D+F _b	4	CTS-01561
Table 3.8.5-6R (New)	3.8-24	Consistency with DCD Rev. 4	Change “[Later]” to “>10” for Overturning (FS _{ot}) and Sliding (FS _{sl}) of T/B for Load Combination D+H+W	4	CTS-01561
Table 3.8.5-6R (New)	3.8-24	Consistency with DCD Rev. 4	Change “1.4” to “1.2” for Overturning (FS _{ot}) of T/B for Load Combination D+H+E _s	4	CTS-01561
Table 3.8.5-6R (New)	3.8-24	Consistency with DCD Rev. 4	Change “[Later]” to “>5” for Overturning (FS _{ot}) and Sliding (FS _{sl}) of T/B for Load Combination D+H+W _t	4	CTS-01561
Table 3.8.5-6R	3.8-24	Consistency with	Change “-” to	4	CTS-01561

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
(New)		DCD Rev. 4	"N/A" for Flotation (FS_{fl}) of T/B for Load Combinations D+H+W, D+H+E _s , and D+H+W _t		
Table 3.8.5-6R (New)	3.8-24	Consistency with DCD Rev. 4	Change "-" to "N/A" for Overturning (FS_{ot}) and Sliding (FS_{sl}) of T/B for Load Combination D+F _b	4	CTS-01561
Table 3.8.5-6R (New)	3.8-24	Correction	Change "1.19" to "1.9" for Flotation (FS_{fl}) of T/B for Load Combination D+F _b	4	CTS-01549
Table 3.8.5-6R (New)	3.8-24	Correction	Change "1.28 ⁽¹⁾ " to "12.8 ⁽¹⁾ " for Sliding (FS_{sl}) of UHSRS Load Combination D+H+W	4	CTS-01549
3.9.6 3.9.10	3.9-2 3.9-6	Supplemental Response to RAI No. 244 Luminant Letter no.TXNB-12021 Date 6/13/2012	Deleted references to NUREG-1482 Rev. 2.	-	RCOL2_03.0 9.06-22 S01
3.11	3.11-1	Editorial	Change "fifth" to "tenth" and correct DCD reference to "DCD Section 3.11"	4	CTS-01561

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
			<p>Change “sixth” to “eleventh” and, correct DCD reference to “DCD Section 3.11”.</p> <p>Change “eight” to “thirteenth” and, correct DCD references to “DCD Section 3.11” and “Table 13.4-201”.</p>		
Table 3D-201 (Sheets 4 through 12 of 12)	3D-5 through 3D-13	Supplemental Response to RAI No. 254 Luminant Letter no.TXNB-12034 Date 09/24/2012	<p>Following SSCs for freeze protection are added to the table.</p> <ul style="list-style-type: none"> - ESW piping room unit heaters - UHS transfer piping room unit heaters 	-	RCOL2_14.0 3.07-38 S01
Table 3D-201 (Sheet 9,10 of 12)	3D-10 3D-11	Editorial	Change “NO” to “No.”	4	CTS-01561
Figure 3K-201 (Sheet 1, 2 of 2)	3K-2, 3K-3	Consistency with DCD and site-specific changes as described in Letter. TXNB-12033 (ML12268A413)	Overall General Arrangement plan replaced with the updated version; and minor editorial correction.	0	CTS-01512
Table 3KK-1	3KK-14	Maintain consistency with numerical value in source document	Change the unit weight (kcf) for Steel beams, columns, and other structural steel elements from “0.49” to “0.500”	4	CTS-01549
Table 3KK-1	3KK-14	Maintain consistency with	Change E (ksi) for Concrete fill	4	CTS-01549

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		numerical value in source document	from "3,125" to "3,122"		
Appendix 3KK Cover page	-	Design and layout changes as described in the ISCP, Letter TXNB-12033 (ML12268A413), and Letters TXNB-12038 (ML12334A026) and TXNB-12030 (ML12243A456)	Revised to reflect updated layout and structural design and seismic analysis for the UHSRS.	3	CTS-01549
ACRONYMS AND ABBREVIATIONS	3KK-iv				
3KK, 3KK.1	3KK-1, 3KK.2				
3KK.2	3KK-2 through 3KK-11				
3KK.3	3KK-11 3KK-12				
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Table 3KK-1 through 3KK-10	3KK-14 through 3KK-22				
Table 3KK-11 through 3KK-16 (New)	3KK-27 through 3KK-38				

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Figure 3KK-1 through 3KK-4	3KK-39 through 3KK-56				
Figure 3KK-5 through 3KK-10	3KK-57 through 3KK-82				
Appendix 3LL Cover page	-	Design and layout changes as described in the ISCP, Letter TXNB-12033 (ML12268A413)	Revised to reflect updated structural design and seismic analysis for the ESWPT.	3	CTS-01549
ACRONYMS AND ABBREVIATIONS	3LL-v				
3LL, 3LL.1	3LL-1				
3LL.2	3LL-1 through 3LL-8				
3LL.3	3LL-8, 3LL-9				
3LL.4	3LL-9				
3LL-5	3LL-9, 3LL-10				
Table 3LL-1 through Table 3LL-17	3LL11 through 3LL-31				

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
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Figure 3LL-1 through 3LL-9	3LL-32 through 3LL- 40				
Figure 3LL-10 through 3LL-29 (New)	3LL-41 through 3LL-74				
Appendix 3MM Cover page	-	Design and layout changes as described in the ISCP, Letter TXNB-12033 (ML12268A413)	Revised to reflect updated structural design and seismic analysis for the PSFSV.	3	CTS-01549
ACRONYMS AND ABBREVIATIONS	3MM-iv				
3MM, 3MM.1	3MM-1				
3MM.2	3MM-1 through 3MM-11				
3MM.3	3MM-11, 3MM-12				
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Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
Table 3MM-1 through 3MM-10	3MM-14 through 3MM-24				
Table 3MM-11, 3MM-12 (New)	3MM-25, 3MM-26				
Figure 3MM-1 through 3MM-3	3MM-27 through 3MM-51				
Figure 3MM-4 through 3MM-12 (New)	3MM-52 through 3MM-74				
Appendix 3NN Cover page	-	Design and layout changes as described in the ISCP, Letter TXNB-12033 (ML12268A413)	Revised to reflect updated DCD structural design and seismic analysis of the R/B Complex	3	CTS-01549
ACRONYMS AND ABBREVIATIONS	3NN-vi 3NN-vii				
Appendix 3NN 3NN, 3NN.1	3NN-1				
3NN.2	3NN-2 through 3NN-4				

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
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3NN.6	3NN-11, 3NN-12				
3NN.7 (New)	3NN-12, 3NN-13				
3NN-8(Original 3NN-6)	3NN-13, 3NN-14				
Table 3NN-1 through 3NN-5	3NN-15 through 3NN-19				

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
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Figure 3NN-1 through 3NN-27	3NN- 20 through 3NN- 72				
Figure 3NN-28 through 3NN-50 (New)	3NN- 73 through 3NN- 121				

Chapter 4

Chapter 4 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
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Chapter 5

Chapter 5 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
5.3.1.6.1	5.3-1	Editorial correction	Changed the sentence from "These lead factors and the capsule orientation are shown in DCD Figure 5.3-1" to "These lead factors are applied for CPNPP Unit 3 and 4, and the capsule orientation is shown in DCD Figure 5.3-1."	4	CTS-01560

Chapter 6

Chapter 6 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
6.2.2.3.2	6.2-1	Supplemental Response to RAI No. 272 in Luminant Letter no.TXNB-13020 Date 6/19/2013 ADAMS Accession Number : ML 13172A054 [[typical wording for all entries like this one]]	Stated that guidance documents used to develop the cleanliness program include NEI 04-07 and the associated NRC safety evaluation and provided some program details.	-	RCOL2_06.02.02-7 S01
6.2.2.3.2 6.2.8	6.2-2 6.2-3	Response to RAI No. 271 Luminant Letter no.TXNB-13001 Date 01/17/2013 ADAMS Accession Number : ML13022A107	Added discussion of administrative programs to maintain RMI, fiber insulation, and aluminum within design-basis limits.	-	RCOL2_06.02.02-5
Table 6.2.2-2R (Sheet 7 of 22)	6.2-4	Response to RAI No. 272 Luminant Letter no. TXNB-13005 Date 03/04/2013 ADAMS Accession Number : ML13066A106	COL Item 6.2(5) location made more specific (Section 6.2.2.3 to Section 6.2.2.3.2)	-	RCOL2_06.02.02-6
6.4.4.2	6.4-2	To reflect the new seismic layout design change.	The MCR intake elevation is updated.	1	CTS-01522

Chapter 7

Chapter 7 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
Table 7.4-201	7.4-2	Design change to UHS Pump House Ventilation System due to UHSRS layout change and due to the addition of countermeasures against freezing. (Response to RAI 254.)	Added rows for “ESW Piping Room Unit Heater” and “UHS Transfer Piping Room Unit Heater” to Table 7.4-201.	4	CTS-01565
7.5.1.6.2	7.5-1, 7.5-2	Change to EP Rule (Section IV.E.8.c of Appendix E to 10 CFR 50).	Changed description of EOF displays to state that they can display information for all plants serviced by the EOF simultaneously.	4	CTS-01565

Chapter 8

Chapter 8 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
8.1.2.1	8.1-1	Response to RAI No. 249 Luminant Letter no.TXNB-12013 Date 05/16/2012	Subsection 8.1.2.1 was revised to state that the switching station equipment shared between Units 3 and 4 includes the circuit breakers, and that no important to safety SSCs are shared between Units 3 and 4, under any operating scenario (normal or emergency).	-	RCOL2_08.01-3
8.1.2.1	8.1-1	3 rd Supplemental Response to RAI No. 9 Luminant Letter No.TXNB-13007 Date 03/04/2013	Sentences of switching station moved to section 8.2.2.1 Applicable Criteria.	-	RCOL2_08.01-2 S03
Figure 8.1-1R	8.1-3	Consistency with DCD Rev. 4	One Line Diagram is revised.	4	CTS-01566
Figure 8.1-1R Table 8.3.1-4R (Sheet 1 through 4 of 4) Figure 8.3.1-1R (Sheet 1, 5, 6 of 8) Figure 8.3.1-2R (Sheet 2 of 24)	8.1-3 8.3-6 through 8.3-9 8.3-10 through 8.3-12 8.3-13	Reflection of Fukushima-related electrical changes submitted by the US-APWR DCD update tracking report, MUAP-11021, Rev. 4 (ML13154A292)	- AAC selector circuit "Disconnecting Switch" replaced with "Circuit Breaker" - Enhanced PSMS Power Supply Configuration - Modification to the P1/P2 Non-	2	CTS-01532

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
			Class 1E 6.9kV Bus Configuration - Removal of primary system power supply panel -Other related changes		
8.2.1.2.1.1	8.2-4	Response to RAI No. 250 Luminant Letter no.TXNB-12032 Date 9/14/2012	Revised to incorporate RG 1.221.	-	RCOL2_03.03.02-9
8.2.2.1	8.2-10 8.2-11	3 rd Supplemental Response to RAI No. 9 Luminant Letter No.TXNB-13007 Date 03/04/2013	Compliance to GDC 5 of Switching Station added to 8.2.2.1 Applicable Criteria.	-	RCOL2_08.01-2 S03
8.2.1.2.3 8.2.2.1 8.2.4	8.2-10 8.2-13	Supplemental Response to RAI Luminant Letter no. TXNB-13029 Date 10/7/2013	Addresses the applicability of General Design Criterion 5 to the offsite power system.	-	RCOL2_08.01-3 S01
Figure 8.2-207	8.2-31	Turbine Building and Electrical Building layout change. Figure was updated to reflect standard plant and site-specific layout changes	The road surrounding the Unit 3 and Unit 4 switchyard are changed. Other non-technical editorial changes are made such as removal of dimension line of the building.	1	CTS-01508
Figure 8.2-208	8.2-32	Turbine Building and Electrical Building layout change.	The road surrounding the Unit 3 and Unit 4 switchyard are changed. Other	1	CTS-01508

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		Figure was updated to reflect standard plant and site-specific layout changes	non-technical editorial changes are made such as removal of dimension line of the building.		
8.3.2.1.1	8.3-2	Consistency with DCD Rev. 4	Changed the numbering of the paragraph from "third" paragraph to the "fifth" paragraph.	4	CTS-01566
Figure 8.3.1-1R (Sheet 1 of 8)	8.3-10	Consistency with DCD Rev. 4	One Line Diagram is revised.	4	CTS-01566
Figure 8.3.1-2R (Sheets 18 through 21 of 24)	8.3-17 through 8.3-20	Consistency with DCD Rev. 4	Logic Diagram is revised.	4	CTS-01566
Figure 8.3.1-201	8.3-21	Revised to reflect common foundation and the new plant layout	Figure was updated to reflect standard plant and site-specific layout changes.	0	CTS-01508
8.4	8.4-1	Consistency with DCD Rev. 4	Changed the numbering of the paragraph from "ninth" paragraph to the "tenth" paragraph.	4	CTS-01566

Chapter 9

Chapter 9 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
9.1.5 9.1.5.1 9.1.5.3 9.1.5.4 9.1.5.6 9.1.6	9.1-1 through 9.1-5	Supplemental 01 Response to RAI No. 52 Luminant Letter no.TXNB-12021 Date 6/13/2012	The heavy load handling program description is enhanced to satisfy the requirements of COL item 9.1 (6).	-	RCOL2_09.0 1.05-1 S01
9.1.5.5	9.1-4	Consistency with DCD Rev.4	Last sentence: Replace “the Subsection 9.1.5.6” with “the Subsection 9.1.5.5”. The last paragraph, first sentence: Replace “the spent fuel pool” with “the spent fuel pit”.	4	CTS-01562
9.2.1.2.1 9.2.1.2.3.1	9.2-2 9.2-5	Consistency with DCD.	Revised paragraph numbers from “eleventh” to “twelfth” and “twelfth” to “thirteenth” and “eighth” to “tenth.”	4	CTS-01562
9.2.1.2.2.5	9.2-4	Editorial	Revised sentence number from “seventh” to “eighth” and added text “in DCD Subsection 9.2.1.2.2.5”.	4	CTS-01562

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
9.2.1.2.2.5	9.2-4	Response to RAI No. 251 Luminant Letter no.TXNB-12016 Date 05/31/2012	Revised to discuss the ESWS piping material and inspection.	-	RCOL2_09.02.01-8
9.2.1.2.3.1	9.2-4	Supplemental 01 Response to RAI No. 251 Luminant Letter no.TXNB-12031 Date 9/10/2012	Removed description of level switches located in the UHS cooling tower riser piping.	-	RCOL2_09.02.01-9 S01
9.2.5.2.2	9.2-17				
9.2.5.5	9.2-24				
9.2.1.2.3.1	9.2-4 9.2-5	Supplemental 02 Response to RAI No. 251 Luminant Letter no.TXNB-12041 Date 12/03/2012	Revise the location of the DCD reference location and add the evaluation of why void detection is not required. Change LMN from "STD COL 9.2(24) to STD COL 9.2(32)". Delete "9.2.5.5" from 9.2(32) Void dection system.	-	RCOL2_09.02.01-9 S02
9.2.5.5	9.2-24				
9.2.10	9.2-28				
9.2.1.3	9.2-6	Response to RAI No. 251 Luminant Letter no.TXNB-12016 Date 05/31/2012	Added discussion regarding CCW heat exchanger backflush procedure including valve alignment and identification as a maintenance outage train.	-	RCOL2_09.02.01-7
9.2.1.3	9.2-6	Supplemental 02 Response to RAI No. 254	Revised to include description that	-	RCOL2_14.03.07-38 S02

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		Luminant Letter no.TXNB-12036 Date 11/12/2012	ESWPT is below grade and therefore freezing is not a concern.		
9.2.1.3 9.2.5.2.2 9.2.10	9.2-5 9.2-6 9.2-18 9.2-27	Supplemental Response to RAI No. 254 Luminant Letter no.TXNB-12034 Date 09/24/2012	Description is added regarding freeze protection of the UHS and ESWS. Table 9.2.5-201 is added for address of CP COL 9.2(19).	-	RCOL2_14.0 3.07-38 S01
9.2.5.2.1 9.2.5.3 Table 9.2.5-3R Figure 9.2.5-1R (Sheet 1, 2 of 2) 9A.3.202 9A.3.207 9A.3.212 9A.3.217	9.2-15 9.2-21 9.2-36 9.2-42 9.2-43 9A-3 9A-4 9A-10 9A-16 9A-17 9A-23	UHSRS layout changes	Revised UHS Basin dimensions consistent with layout changes.	3	CTS-01543
9.2.5.2.1	9.2-13 9.2-14	Supplemental 01 Response to RAI No. 252 Luminant Letter no.TXNB-12031 Date 09/10/2012	Added description to discuss UHS cooling tower plume discharge.	-	RCOL2_09.02.05-18 S01

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
9.2.5.2.1 9.2.5.3	9.2-13 9.2-21	Response to RAI No. 254 Luminant Letter no.TXNB-12022 Date 6/21/2012	Added design criteria for cooling tower spray nozzle sizing. Clarified design criteria.	-	RCOL2_14.03.07-38
9.2.5.2.1 9.2.5.2.2 9.4.5.3.6 9.4.5.4.6	9.2-13 9.2-17 9.4-7	Response to RAI No. 250 Luminant Letter no.TXNB-12032 Date 9/14/2012	Revised to incorporate RG 1.221.	-	RCOL2_03.03.02-9
9.2.5.2.1 9.2.5.2.2	9.2-13 9.2-17	Response to RAI No. 257 Luminant Letter no.TXNB-12022 Date 6/21/2012	Added discussion about UHS fan speed and direction. Added discussion about level switches.	-	RCOL2_14.02-21
9.2.5.2.1	9.2-14 9.2-15	Supplemental 02 Response to RAI No. 252 Luminant Letter no.TXNB-12036 Date 11/12/2012	Corrected vertical distance value for distance between UHS CT discharge and other intakes; Revised description to indicate pump house intakes on the south side take advantage of the prevailing wind direction.	-	RCOL2_09.02.05-18 S02
9.2.5.2.2	9.2-17 9.2-18	Supplemental 02 Response to RAI	Revised description to	-	RCOL2_09.02.05-20 S02

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		No. 252 Luminant Letter no.TXNB-12036 Date 11/12/2012	indicate that vortex is not a concern during simultaneous pump operation of ESWP and UHS Transfer Pump.		
9.2.5.2.3	9.2-20	Consistency with DCD change	Updated heat loads to be consistent with associated DCD changes.	1	MIC-03-09-00013
9.2.5.2.3	9.2-20	Editorial	Added the word "capacity" after "cooling water"	4	CTS-01562
9.2.5.2.3	9.2-20	Correction of UHS basin water volume and UHS heat load values to reflect design progress due to layout changes.	Changed total required 30 days cooling water capacity with two-train operation during Safe Shutdown with LOOP condition from "8.3" to "8.42" million gallons	4	CTS-01562
9.2.5.2.3	9.2-20	Correction of UHS basin water volume and UHS heat load values to reflect design progress due to layout changes.	Changed the peak heat load for a LOCA case with two train operation peak heat load from "160" to "161" million Btu/hr	4	CTS-01562
9.2.5.3	9.2-21	Editorial correction	Replaced "type" with "types" in section 9.2.5.3.	1	CTS-01529
9.2.5.2.3	9.2-20	Correction of UHS basin water	Changed the total required	4	CTS-01562

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
9.2.5.3	9.2-21 9.2-22	volume and UHS heat load values to reflect design progress due to layout changes.	cooling water capacity from "8.40" to "8.55" million gallons		
9.2.5.3	9.2-21	Correction of UHS basin water volume and UHS heat load values to reflect design progress due to layout changes.	Changed the total required cooling water capacity for each cooling tower basin from "2.80" to "2.85" million gallons	4	CTS-01562
9.2.5.3	9.2-22	Correction of UHS basin water volume and UHS heat load values to reflect design progress due to layout changes.	Changed the basin volume which does not include the water located in the ESWP intake basin below the cooling tower basin from "2.80" to "2.85"	4	CTS-01562
9.2.5.3	9.2-22	Correction of UHS basin water volume and UHS heat load values to reflect design progress due to layout changes.	Changed the minimum required amount of water in each basin at the initiation of a LOOP event from "2.80" to "2.85" million gallons per Technical Specification	4	CTS-01562

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
			3.7.9		
9.2.5.5	9.2-24	Response to RAI No. 251 Luminant Letter no.TXNB-12016 Date 05/31/2012	Revised to clarify that level switches are utilized to prevent water hammer and are non safety-related.		RCOL2_09.02.01-9
9.2.6.2	9.2-24, 9.2-25	Supplemental 04 Response to RAI No. 135 Luminant Letter no.TXNB-12042 Date 12/6/2012	Revised to state that the CST for CPNPP Unit 3 is located on west side of Unit 3 as depicted on Figure 12.3-201, while the CPNPP Unit 4 CST is located on the east side of Unit 4, as depicted on Figure 12.3-202.	-	RCOL2_12.03-12.04-11 S04
9.2.6.2	9.2-24	Corrected reference formatting by adding missing LMN	Added LMN CP SUP 9.2 (1).	4	CTS-01562
Table 9.2.1-2R (Sheet 4 of 5)	9.2-33	Consistency with basis document 4BS-CP34-080084, Rev. 10	The description regarding Failure Effect on System Safety Function Capability for the ESWP Discharge Strainer Backwash Isolation Valve to UHS basin was revised to	4	CTS-01562

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
			state, "Backwash line to the UHS basin can be isolated by closing the isolation valve that is part of the ESWP Discharge Strainer (SST-001A,B,C,D AND SST-002A, B, C, D).		
Table 9.2.5-4R (Sheet 1 of 2)	9.2-37	Editorial correction	Changed the word "pomp" to "pump" in the Failure Effect on System Safety Function Capacity description for the UHS Transfer Pump	4	CTS-01562
Table 9.2.5-201	9.2-39	Supplemental Response to RAI No. 254 Luminant Letter no.TXNB-12034 Date 09/24/2012	New table is introduced to describe electric power division for clarification.	-	RCOL2_14.0 3.07-38 S01
Figure 9.2.5-1R (Sheets 1, 2 of 2)	9.2-42 9.2-43	Supplemental Response to RAI No. 254 Luminant Letter no.TXNB-12034 Date 09/24/2012	The figure is revised to show the newly introduced drain lines for freeze protection.	-	RCOL2_14.0 3.07-38 S01
9.3.3.2.3	9.3-2 9.3-3	Supplemental S02 Response to RAI No. 243 Luminant Letter no.TXNB-13006	Design description of floor drain system and liquid detection	-	RCOL2_09.04.05-23 S02

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		Date 03/04/2013	system were added.		
9.4.3.2.2	9.4-2	Response to RAI No. 266 Luminant Letter no.TXNB-12043 Date 12/18/2012	The LMN "CP COL 9.4(4)" and description of supplemental heating is added.	-	RCOL2_09.0 4.05-27
9.4.5.1.1.6 9.4.5.2.6	9.4-3 9.4-4 through 9.4-6	Supplemental Response to RAI No. 254 Luminant Letter no.TXNB-12034 Date 09/24/2012	Supply areas are added to the UHS ESW Pump House Ventilation System for freeze protection of the UHSS and ESWS.	-	RCOL2_14.0 3.07-38 S01
9.4.5.1.1.6 9.4.5.2.6 9.4.5.3.6 9.4.7	9.4-3 9.4-5 9.4-7 9.4-9	Supplemental S02 Response to RAI No. 243 Luminant Letter no.TXNB-13006 Date 03/04/2013	Temperature range was deleted. A sentence describing the Table 9.4-202 was added. Table numbers were revised correspondence with a new table.	-	RCOL2_09.04.05-23 S02
9.4.5.2.3	9.4-4	Consistency with DCD	Changed statement to replace the third sentence from	4	CTS-01562

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
			“the second paragraph in DCD Subsection 9.4.5.2.3” to “ the third paragraph in DCD Subsection 9.4.5.2.3”		
9.4.5.2.5	9.4-4	Consistency with DCD	Changed the statement to replace the sentence in DCD Subsection 9.4.5.2.5 from “ the third sentence of the second paragraph” to “the second sentence of the fourth paragraph”	4	CTS-01562
9.4.5.3.6	9.4-7	Supplemental 01 RAI No. 243 Luminant Letter no.TXNB-12030 Date 08/29/2012	Added the design information about the wall separating the ESW pump room from the transfer pump room.	-	RCOL2_09.0 4.05-23 S01
Table 9.4-201 (Sheet 1 of 2)	9.4-10	Response to RAI No. 266 Luminant Letter no.TXNB-12043 Date 12/18/2012	MCR/Class 1E Electrical HVAC Equipment Room In-duct Heater Capacity	-	RCOL2_09.0 4.05-26

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
			"Non-heating" is added for Train A and D.		
Table 9.4-201 (Sheet 1 of 2)	9.4-10	Changes to Non-Class 1E Electrical Room Air Handling Unit Cooling Coil Capacity due to changes to the heat gain from battery capacity in Response to RAI No. 871 MHI Letter no. UAP-HF-13103 Date 4/25/2013 ADAMS Accession Number: ML13119A168	Changed Non-Class 1E Electrical Room Air Handling Unit Cooling Coil Capacity from "1,310,000" to "1,350,000" Btu/hr	4	CTS-01562
Table 9.4-201 (Sheet 1, 2 of 2)	9.4-10 9.4-11	To reflect impacts on heating and cooling capacity due to layout changes.	Heating and cooling capacity and in-duct heater capacity in Table 9.4-201 have been changed.	0	CTS-01509
Table 9.4-202	9.4-12	Supplemental 01 Response to RAI No. 243 Luminant Letter no.TXNB-12030 Date 08/29/2012	Changed the capacity of UHS ESW Pump House Ventilation System Equipment.	-	RCOL2_09.0 4.05-23 S01
Table 9.4-202	9.4-12	Supplemental Response to RAI	ESW piping room unit	-	RCOL2_14.0 3.07-38 S01

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				Rev. of FSAR T/R	Change ID No.
		No. 254 Luminant Letter no.TXNB-12034 Date 09/24/2012	heaters and UHS transfer piping room unit heaters are added to the table.		
Table 9.4-202 Table 9.4-204 (Sheets 1, 7 of 8)	9.4-12 9.4-14, 9.4-20	Supplemental S02 Response to RAI No. 243 Luminant Letter no.TXNB-13006 Date 03/04/2013	New table was added as Table 9.4-202 and table numbers were revised correspondence with this new table.	-	RCOL2_09.04.05-23 S02
Table 9.4-203	9.4-13	Supplemental Response to RAI No. 254 Luminant Letter no.TXNB-12034 Date 09/24/2012	ESW piping room unit heaters and UHS transfer piping room unit heaters are added to the table.	-	RCOL2_14.0 3.07-38 S01
Figure 9.4-201	9.4-22	Supplemental Response to RAI No. 254 Luminant Letter no.TXNB-12034 Date 09/24/2012	The figure is revised to add newly introduced dampers to inlets and exhausts of the ventilation system.	-	RCOL2_14.0 3.07-38 S01
9.5.2.2.2.2 9.5.2.2.5.1	9.5-19 9.5-20	Supplemental Response to RAI No. 261 Luminant Letter no.TXNB-13026 Date 8/1/2013	Description was added to address BDBEE design enhancement, including satellite telephone system, ENS transfer to satellite telephone system and external	2	RCOL2_01.05-3 S01

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
			communication links list to satellite telephone links.		
9.5.2.2.2.2 9.5.2.2.5.1	9.5-19 9.5-20	Address COL item, COL 1.9(6)	Description was added to address BDBEE design enhancement, including satellite telephone system, ENS transfer to satellite telephone system and external communication links list to satellite telephone links.	2	CTS-01532
9.5.4.2.2.1	9.5-21	Response to RAI No. 265 Luminant Letter no.TXNB-12043 Date 12/18/2012	Temperature condition of PSFSV is added.	-	RCOL2_09.05.04-1
9.5.9	9.5-22	Consistency with other Sections in COLA	Revised to remove Subsection 9.2.1.2.1 and to replace "Subsection" with "Subsections"	4	CTS-01562
Figure 9.5.1-201 (Sheet 2 of 2)	9.5-147	Changed check valve symbol for consistency with those identified in DCD and COLA	Changed the symbol for the check valve upstream from isolation valve leading to the wet pipe	4	CTS-01562

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
			sprinkler		
Figure 9.5.1-202	9.5-148	Design change as described in Luminant ISCP Letter ML12268A413	Reflected new site plan.	0	CTS-01517
9A.3	9A-1	Correction	Changed "Pumping Station" to "Pump House" in first bullet.	0	CTS-01516
9A.3	9A-1	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Added bullets ESW-Piping Room and UHS-Transfer Piping Room.	0	CTS-01518
9A.3	9A-2	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Changed the DCD Subsection to 9A.3.153.	0	CTS-01518
9A.3.201 9A.3.203 9A.3.206 9A.3.208 9A.3.211 9A.3.213	9A-2 9A-4 9A-5 9A-8 9A-9 9A-11 9A-15 9A-17 9A-18	Supplemental 01 Response to RAI No. 243 Luminant Letter no.TXNB-12030 Date 08/29/2012	Changed or added fire protection design features for UHS basins, ESW pump rooms and transfer pump rooms.	-	RCOL2_09.0 4.05-23 S01

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
9A.3.216	9A-21 9A-22				
9A.3.218	9A-24				
9A.3.201	9A-2	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Changed Section 9A.3.101 to 9A.3.201 and changed title to FA7-201-01.	0	CTS-01518
9A.3.201	9A-2	Correction	Changed "exceed" to "exceeding"	0	CTS-01516
9A.3.201	9A-2	Correction	Added 3.2.1.j.	0	CTS-01516
9A.3.201	9A-3	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Deleted "The electrical circuits from other safety trains in this area will be protected by a one-hour fire rated wrap."	0	CTS-01518
9A.3.202	9A-3 9A-4	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Added new subsection 9A.3.202, FA7-201-02 A-ESW Piping Room	0	CTS-01518
9A.3.203	9A-4	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Changed Section 9A.3.102 to 9A.3.203 and changed fire area to FA7-202 to fire zone FA7-202-01.	0	CTS-01518
9A.3.203	9A-4	Correction	Changed "D" to	0	CTS-01516

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
			"C or D."		
9A.3.203	9A-4	Correction	Changed "exceed" to "exceeding"	0	CTS-01516
9A.3.203	9A-5	Correction	Added 3.2.1.j.	0	CTS-01516
9A.3.204	9A-6 9A-7	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Added new Subsection 9A.3.204, FA7-202-02 A-UHS Transfer Piping Room.	0	CTS-01518
9A.3.205	9A-7	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Changed section from 9A.3.103 to 9A.3.205 and changed fire area from FA7-203 to fire zone FA7-203-01.	0	CTS-01518
9A.3.206	9A-8	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Changed section from 9A.3.104 to 9A.3.206 and changed fire area from FA7-204 to fire zone FA7-204-01.	0	CTS-01518
9A.3.206	9A-8	Correction	Changed "exceed" to "exceeding"	0	CTS-01516
9A.3.206	9A-9	Correction	Added 3.2.1.j.	0	CTS-01516
9A.3.206	9A-9	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Deleted "The electrical circuits from other safety trains in this area will be protected by a one-hour fire rated wrap."	0	CTS-01518

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
9A.3.207	9A-10	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Added new Subsection 9A.3.207, FA7-204-02 B-ESW Piping Room.	0	CTS-01518
9A.3.208	9A-11	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Changed section from 9A.3.105 to 9A.3.208 and changed fire area from FA7-205 to fire zone FA7-205-01.	0	CTS-01518
9A.3.208	9A-11	Correction	Changed "D" to "C or D."	0	CTS-01516
9A.3.208	9A-11	Correction	Changed "exceed" to "exceeding"	0	CTS-01516
9A.3.208	9A-11	Correction	Added 3.2.1.j.	0	CTS-01516
9A.3.209	9A-12 9A-13	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Added new Subsection 9A.3.209, FA7-205-02 B-UHS Transfer Piping Room.	0	CTS-01518
9A.3.210	9A-14	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Changed section from 9A.3.106 to 9A.3.210 and changed fire area from FA7-206 to fire zone FA7-206-01.	0	CTS-01518

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
9A.3.211	9A-15	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Changed section from 9A.3.107 to 9A.3.211 and changed fire area from FA7-207 to fire zone FA7-207-01.	0	CTS-01518
9A.3.211	9A-15	Correction	Changed "exceed" to "exceeding"	0	CTS-01516
9A.3.211	9A-15	Correction	Added 3.2.1.j.	0	CTS-01516
9A.3.211	9A-16	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Deleted "The electrical circuits from other safety trains in this area will be protected by a one-hour fire rated wrap."	0	CTS-01518
9A.3.212	9A-16 9A-17	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Added new Subsection 9A.3.212, FA7-207-02 C-ESW Piping Room.	0	CTS-01518
9A.3.213	9A-17	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Changed section from 9A.3.108 to 9A.3.213 and changed fire area from FA7-208 to fire zone FA7-208-01.	0	CTS-01518
9A.3.213	9A-17	Correction	Changed "A" to "A or B."	0	CTS-01516
9A.3.213	9A-17	Correction	Changed "exceed" to "exceeding"	0	CTS-01516

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
9A.3.213	9A-18	Correction	Added 3.2.1.j.	0	CTS-01516
9A.3.214	9A-19 9A-20	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Added new Subsection 9A.3.214, FA7-208-02 C-UHS Transfer Piping Room.	0	CTS-01518
9A.3.215	9A-20	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Changed section from 9A.3.109 to 9A.3.215 and changed fire area from FA7-209 to fire zone FA7-209-01.	0	CTS-01518
9A.3.216	9A-21	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Changed section from 9A.3.110 to 9A.3.216 and changed fire area from FA7-210 to fire zone FA7-210-01.	0	CTS-01518
9A.3.216	9A-21	Correction	Changed "exceed" to "exceeding"	0	CTS-01516
9A.3.216	9A-22	Correction	Added 3.2.1.j.	0	CTS-01516
9A.3.216	9A-22	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Deleted "The electrical circuits from other safety trains in this area will be protected by a one-hour fire rated wrap."	0	CTS-01518
9A.3.217	9A-23	Design change as described in Supplemental Response to RAI	Added new Subsection 9A.3.217, FA7-210-02 D-ESW	0	CTS-01518

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Piping Room.		
9A.3.218	9A-24	Correction	Changed section from 9A.3.111 to 9A.3.218 and changed fire area from FA7-211 to fire zone FA7-211-01.	0	CTS-01516
9A.3.218	9A-24	Correction	Changed "A" to "A or B."	0	CTS-01516
9A.3.218	9A-24	Correction	Changed "exceed" to "exceeding"	0	CTS-01516
9A.3.218	9A-24	Correction	Added 3.2.1.j.	0	CTS-01516
9A.3.219	9A-25 through 9A-27	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Added new Subsection 9A.3.219, FA7-211-02 D-UHS Transfer Piping Room.	0	CTS-01518
9A.3.220	9A-27	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Changed section from 9A.3.112 to 9A.3.220 and changed fire area from FA7-212 to fire zone FA7-212-01.	0	CTS-01518
9A.3.221	9A-28	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Changed subsection 9A.3.113 to 9A.3.221	0	CTS-01518

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
9A.3.222	9A-29	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Changed subsection 9A.3.114 to 9A.3.222	0	CTS-01518
Table 9A-201 [Sheet 1,2 of 2]	9A-31 9A-32	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Revised table to include new fire zones.	0	CTS-01518
Table 9A-202 (Sheet 1 through 33 of 33)	9A-33 through 9A-65	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Revised summary sheets associated with Fire Areas FA7-201 through 212 to reflect new fire zone information Revised summary sheets for Fire Zones FA7-301-01 through 13 to reflect revised FHA section.	0	CTS-01518
Table 9A-203 (Sheet 1,2 of 2)	9A-66 9A-67	Design change as described in Supplemental Response to RAI No. 254 (ML12334A026) and the ISCP (ML 12268A413).	Revised table to include new fire zones.	0	CTS-01518
Figure 9A-201	9A-68	Design change as described in Luminant ISCP	Figure is revised to reflect:	0	CTS-01519

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		Letter ML12268A413 and Supplemental Responses to RAIs No. 243 (ML12243A456) and No. 254 (ML12334A026)	<p>Integration of the north portions of the ESWPT into the south side of the UHSRS.</p> <p>Integration of adjacent UHSRS (C and D) and (A and B) on a single foundation.</p> <p>ESW Pump House layout changes described in responses to RAIs 243 S01 and 254 S03.</p> <p>New fire areas for ESW Piping Room and UHS Transfer Piping Room</p>		
Figure 9A-202	9A-69	Design change as described in Luminant ISCP Letter ML12268A413 and Supplemental Responses to RAIs No. 243 (ML12243A456) and No. 254 (ML12334A026)	Revised roadway north of Transformer Yard.	0	CTS-01519

Chapter 10

Chapter 10 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
10.4.8.2.1	10.4-6	Consistency with DCD Rev.4	Added the description about radioactive waste safety classification.	4	CTS-01567
10.4.8.2.1	10.4-7 through 10.4-8	Supplemental 04 Response to RAI No. 135 Luminant Letter no. TXNB-12042 Date 12/6/2012	Revised to refer to Figures 12.3-201 and 12.3-202	-	RCOL2_12.03-12.04-11 S04
10.4.8.2.1	10.4-9	Consistency with DCD Rev.4	Revise the paragraph number for replacement of the DCD description.	4	CTS-01567
Table 10.4.8-1R	10.4-15 through 10.4-17	Consistency with DCD Rev.4	Revised the title of Table 10.4.8-2R Changed the words "Design" to "Operating" for operating values.	4	CTS-01567
10.4.12 Table 10.4.8-2R	10.4-11 10.4-18	Consistency with DCD Rev.4	Added Table 10.4.8-2R	4	CTS-01567

Chapter 11

Chapter 11 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
11.2.3.4	11.2-8	Supplemental 04 Response to RAI No. 135 Luminant Letter no.TXNB-12042 Date 12/6/2012	Clarified the description of the piping run for Unit 3 and Unit 4.	-	RCOL2_12.03-12.04-11 S04
Figure 11.2-201 (Sheet 1 of 10)	11.2-24	For consistency with DCD Rev.4 and editorial correction.	Changed the Equipment Class based on the response to DCD RAI 841-6055 Rev.3. Made editorial corrections on the instrument, valve, Equipment Class and design pressure.	4	CTS-01569
Figure 11.2-201 (Sheet 2 of 10)	11.2-25	For consistency with DCD Rev.4 and editorial correction.	Changed the Equipment Class based on the response to DCD RAI 667-5235 Rev.0. Made editorial corrections on the pressure boundary code.	4	CTS-01569
Figure 11.2-201 (Sheet 3 of 10)	11.2-26	For consistency with DCD Rev.4 and editorial correction.	Changed the description of Non-radioactive drain sump to reflect the DCD changes. Made editorial corrections on the piping line.	4	CTS-01569
Figure 11.2-201 (Sheet 9 of 10)	11.2-32	Editorial	Made editorial	4	CTS-01569

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		correction.	corrections on the equipment numbers and codes.		
Table 11.3-8R (Sheet 2 of 2)	11.3-6	Editorial correction.	Changed the sheet number of a DCD Table.	4	CTS-01569
11.4.2.3	11.4-3	Response to RAI No. 250 Luminant Letter no.TXNB-12032 Date 9/14/2012	Revised to incorporate RG 1.221.	-	RCOL2_03.03.02-9
Figure 11.4-201	11.4-8	Editorial correction.	Made editorial corrections on the instruments.	4	CTS-01569

Chapter 12

Chapter 12 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
12.1.3	12.1-2	Consistency with DCD Rev.4	RG 8.6 was deleted from the reference in DCD Rev. 4 because it was withdrawn by the NRC.	4	CTS-01570
12.3.6	12.3-4	Supplemental 04 Response to RAI No. 135 Luminant Letter no.TXNB-12042 Date 12/6/2012 ADAMS Accession Number : ML12342A395	Added Figure 12.3-202.	-	RCOL2_12.03-12.04-11 S04
Table 12.3-201 (Sheets 1, 2, 4 of 5)	12.3-6, 12.3-7, 12.3-9	Supplemental 04 Response to RAI No. 135 Luminant Letter no.TXNB-12042 Date 12/6/2012 ADAMS Accession Number : ML12342A395	Clarified the description of the piping run for Unit 3 and Unit 4.	-	RCOL2_12.03-12.04-11 S04
Figure 12.3-1R (Sheet 1 of 34)	12.3-11	Consistency with DCD as described in Letter. TXNB-12033 ADAMS Accession Number : ML12268A413	Figure was updated to reflect standard plant and site-specific layout changes.	0	CTS-01510
Figure 12.3-201	12.3-12	Supplemental 04 Response to RAI No. 135 Luminant Letter	Clarified the description of the piping run from the T/B to	-	RCOL2_12.03-12.04-11 S04

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		no.TXNB-12042 Date 12/6/2012 ADAMS Accession Number : ML12342A395	the yard.		
Figure 12.3-202	12.3-13	Supplemental 04 Response to RAI No. 135 Luminant Letter no.TXNB-12042 Date 12/6/2012 ADAMS Accession Number : ML12342A395	Revised figure to show that it is only applicable to CPNPP Unit 3 and added new figure for CPNPP Unit 4 yard piping routing and building penetration schematic.	-	RCOL2_12.03-12.04-11 S04

Chapter 13

Chapter 13 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
13.1.5	13.1-14	Editorial correction	Revised 13.1.5 References for consistency throughout all sections	4	CTS-01553
Table 13.1-202 Notes e)	13.1-22		Made "DEFUELED" lower case for consistency with Chapter 16		
Figure 13.1-202	13.1-24		Deleted empty row in the "Manager, NuBuild QA" title's cell		
13.2.4	13.2-3		Revised 13.2.4 References for consistency throughout all Sections		
13.3.5	13.3-2 13.3-3		Revised 13.3.5 References for consistency throughout all Sections		
13.7.2	13.7-2		Revised 13.7.2 References for consistency throughout all Sections. Revised Reference		

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
			13.7-201 (NEI 06-06, Revision 5) ML number from ML091730415, which is the reference to the NRCs comments to Revision 4, to ML092430016.		
13.1.2.3	13.1-11	Editorial correction	Revised "Subsection" to "Section" in 1 st bullet.	-	-
13.1.4	13.1-13	Editorial correction	Changed Subsections 13.1.1.2.5 and 13.1.2 from normal to italic font in COL item 13.1(1).	-	-
13.2.1.1.2	13.2-2	Editorial correction	"Subsection" was changed to "Subsections".	2	CTS-01532
13.2.1.1.4	13.2-2	EA-12-049, Resolution of new COL items 1.9(2)-4, 1.9(2)-5 and 1.9(4)	Added a new Subsection on training on mitigation of BDB external events	2	CTS-01532
13.2.1.1.4	13.2-2	Supplemental Response to RAI No. 261 Luminant Letter no.TXNB-13026 Date 8/1/2013	Added a new Subsection on training on mitigation of BDB external events	2	RCOL2_01.05-2 S01
13.3	13.3-1	Editorial correction	Revised "Subsection" to "Section" in 2 nd sentence.	-	-
13.3.2	13.3-1	NTTF recommendation 9.3.1.2, Resolution of new COL item COL 1.9(7)	A paragraph was added on action regarding staffing reevaluation for BDB event.	2	CTS-01532

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
13.3.2 13.3.5	13.3-1 13.3-2 13.3-2 13.3-3	Response to RAI No. 261 Luminant Letter no.TXNB-12027 Date 7/24/2012	Added evaluation of emergency staffing in accordance with NEI 12-01 Added reference to the NEI 12-01	-	RCOL2_01.05-3
Table 13.4-201 (Sheet 7 of 11)	13.4-8	Resolution of new COL item COL 1.9(4)	LMN STD COL 1.9(4) was added to Item 12.	2	CTS-01532
Table 13.4-201 (Sheet 10 of 11)	13.4-11	Consistency with 10 CFR 26.4(a)(b)(c)/NEI 06-06	Added 10 CFR 26 Subpart I to 10CFR26.4(a)(5), 10 CFR 26.4(c), and 10 CFR 26.4(a) and (b) based on 10 CFR 26.4(a)(b)(c)/NEI 06-06	-	CTS-01579
13.5	13.5-1	Consistency with DCD Chapter 13.5	Revised the last paragraph to specify that HFE principles are used to evaluate Operation, Emergency Response, Maintenance, Test, Inspection, and Surveillance procedures as well as procedures provided to Operations and Maintenance personnel to operate the plant safely and respond to abnormal plant conditions.	4	CTS-01557
13.5.2.1	13.5-5	NTTF recommendation 8, Resolution of new COL item COL	A paragraph was added on action regarding EOP for BDB external events.	2	CTS-01532

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		1.9(5)			
13.5.2.2	13.5-5	Supplemental Response to RAI No. 261 Luminant Letter no.TXNB-13026 Date 8/1/2013	Paragraphs were added on action regarding development of procedures for maintenance, testing and calibration of SFP instruments.	2	RCOL2_01.05-2 S01
13.5.2.2	13.5-6	EA-12-049, EA-12-051, NTTF recommendation 8, Resolution of new COL items 1.9(2)-4, 1.9(2)-5, 1.9(4) and 1.9(5)	Paragraphs were added on action regarding development of procedures for maintenance, testing and calibration for SFP instruments, equipment for BDB events and emergency procedures.	2	CTS-01532
13.5.3	13.5-7	Editorial correction	Revised "Subsection" 13.5 to "Section" 13.5 and added "Subsection" to 13.5.1.2 in COL item 13.5(1).	-	-
13.6	13.6-1	Response to RAI No. 270 Luminant Letter no.TXNB-13017 Date 5/28/2013	Added a new paragraph to the end of Section 13.6	-	RCOL2_13.06.01-60
13.6	13.6-1	Editorial correction	Revised "Subsection" to "Section" in 2 nd sentence.	-	-
13.6.1	13.6-1	Editorial correction	Added "DCD" prior	-	-

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
			to "Ref. 13.6-7" and changed "Section" to "Subsection" in last sentence.		
13.6.2 13.6.2.1	13.6-2	Editorial correction	Added "DCD" prior to "Ref. 13.6-7".	-	-
13.6.2.3 13.6.2.4 13.6.2.5	13.6-4	Editorial correction	Added "DCD" prior to "Ref. 13.6-7".	-	-
13.6.4	13.6-5	Editorial correction	Revised "Section" to "Subsection" in COL items 13.6(2), 13.6(3), 13.6(4), and 13.6(5).	-	-

Chapter 14

Chapter 14 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
ACRONYMS AND ABBREVIATIONS	14-iii	Consistency with DCD	Abbreviation of FSS was added	4	CTS-01555
14.2.11	14.2-4	Editorial	Comma inserted to separate 'tests' and 'analyses'.	4	CTS-01556
14.2.12.1.113	14.2-5	Editorial	Typo corrected adding 't' at the end of 'equipment'.	4	CTS-01556
14.2.12.1.113	14.2-5	Response to RAI No. 251 Luminant Letter no.TXNB-12016 Date 05/31/2012	Revised item A.2 to clarify that ESW pumps and UHS transfer pumps are demonstrated to have adequate NPSH and no vortex formation at minimum basin water level.	-	RCOL2_09.02.01-6
14.2.12.1.113	14.2-5 through 14.2-7	Response to RAI No. 257 Luminant Letter no.TXNB-12022 Date 6/21/2012	Clarified preoperational test objectives, methods, and acceptance criteria. Added preoperational test acceptance criteria for water hammer prevention.	-	RCOL2_14.02-21
14.2.12.1.113	14.2-5 through 14.2-7	Response to RAI No. 256 Luminant Letter no.TXNB-12026	An item is added to the UHSS preoperational	-	RCOL2_14.02-20

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
		Date 7/20/2012	test (14.2.12.1.113) to verify the ability of the UHS, in conjunction with the ESWS, CCWS, and RHRS, to cool down the RCS.		
14.2.12.1. 113	14.2-5 through 14.2-7	Supplemental 01 Response to RAI No. 251 Luminant Letter no.TXNB-12031 Date 9/10/2012	Removed description of level switches located in the UHS cooling tower riser piping.	-	RCOL2_09.02.01-9 S01
14.2.12.1.113	14.2-5 through 14.2-7	Supplemental 02 Response to RAI No. 252 Luminant Letter no.TXNB-12036 Date 11/12/2012	Revised UHS Preoperational Test to include simultaneous operation of ESWP and UHS Transfer Pump with no interfering vortices.	-	RCOL2_09.02.05-20 S02
14.2.12.1.113	14.2-5 through 14.2-7	Supplemental 02 Response to RAI No. 251 Luminant Letter no.TXNB-12041 Date 12/03/2012	Revise the description about water hammer/ voids in the spray header or nozzles.	-	RCOL2_09.02.01-9 S02
14.2.12.1.113	14.2-6 14.2-7	Supplemental Response to RAI No. 257 Luminant Letter no.TXNB-12034 Date 9/24/2012	An item is added to the UHSS preoperational test (14.2.12.1.113) to verify the function of the newly added drain valves for	-	RCOL2_14.02-21 S01

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
			freeze protection.		
14.2.12.1.113	14.2-7	Supplemental 02 Response to RAI No. 257 Luminant Letter no.TXNB-12036 Date 11/12/2012	Corrected to remove reference to electrical heat tracing.	-	RCOL2_14.02-21 S02
Table 14.2-201	14.2-10	Editorial	Typo corrected adding `t` at the end of `Tes`.	4	CTS-01556
Table 14.2-202 (Sheet 1 of 6) 14.2.12.1.2	14.2-11	Consistency with DCD Tier 1	"(2.5.5)" was added to Tier 1 Section	4	CTS-01555
Table 14.2-202 (Sheet 1 of 6) 14.2.12.1.12	14.2-11	Consistency with DCD Tier 1	"2.4.6" was changed to "(2.4.6)" at Tier 1 Section	4	CTS-01555
Table 14.2-202 (sheet 1 of 6) 14.2.12.1.17	14.2-11	Consistency with DCD Tier 1	"2.5.1" was added to Tier 1 Section	4	CTS-01555
Table 14.2-202 (sheet 2 of 6) 14.2.12.1.26	14.2-12	Consistency with DCD Tier 1	"(2.7.1.1)" was changed to "2.7.1.1" at Tier 1 Section	4	CTS-01555
Table 14.2-202 (sheet 2 of 6) 14.2.12.1.28	14.2-12	Consistency with DCD Tier 1	"(2.7.1.9)" was deleted at Tier 1 Section.	4	CTS-01555
Table 14.2-202 (sheet 2 of 6) 14.2.12.1.30	14.2-12	Consistency with DCD Tier 1	"(2.7.1.9)" was deleted at Tier 1 Section.	4	CTS-01555
Table 14.2-202 (sheet 2 of 6) 14.2.12.1.41	14.2-12	Consistency with DCD Tier 1	"2.5.1" was deleted at Tier 1 Section.	4	CTS-01555
Table 14.2-202 (sheet 3 of 6) 14.2.12.1. 43	14.2-13	Consistency with DCD Tier 1	"(2.6.6)" was deleted at Tier 1 Section.	4	CTS-01555
Table 14.2-202 (sheet 3 of 6)	14.2-13	Consistency with DCD Tier 1	"2.6.2" was added to Tier 1	4	CTS-01555

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
14.2.12.1. 48			Section.		
Table 14.2-202 (Sheet 4 of 6) 14.2.12.1.62	14.2-14	Editorial	"Leakrate" is revised to "Leak Rate"	4	CTS-01556
Table 14.2-202 (sheet 4 of 6) 14.2.12.1.74	14.2-14	Consistency with DCD Tier 1	"(2.5.5)" was deleted at Tier 1 Section.	4	CTS-01555
Table 14.2-202 (sheet 4 of 6) 14.2.12.1.75	14.2-14	Consistency with DCD Tier 1	"2.4.1" was added to Tier 1 Section.	4	CTS-01555
Table 14.2-202 (sheet 4 of 6) 14.2.12.1.75	14.2-14	Consistency with DCD Tier 1	"(2.5.5)" was changed to "2.5.1" at Tier 1 Section.	4	CTS-01555
Table 14.2-202 (sheet 4 of 6) 14.2.12.1.77	14.2-14	Consistency with DCD Tier 1	"(2.7.6.8)" was changed to "2.7.6.8" at Tier 1 Section.	4	CTS-01555
Table 14.2-202 (sheet 4 of 6) 14.2.12.1.78	14.2-14	Consistency with DCD Tier 1	"(2.5.5)" was deleted at Tier 1 Section.	4	CTS-01555
Table 14.2-202 (sheet 4 of 6) 14.2.12.1.78	14.2-14	Consistency with DCD Tier 1	"(2.7.6.6)" was changed to "2.7.6.6" at Tier 1 Section.	4	CTS-01555
Table 14.2-202 (sheet 4 of 6) 14.2.12.1.78	14.2-14	Consistency with DCD Tier 1	"(2.7.6.13)" was changed to "2.7.6.13" at Tier 1 Section.	4	CTS-01555
Table 14.2-202 (sheet 5 of 6) 14.2.12.1.79	14.2-15	Consistency with DCD Tier 2	"Absorbers" was changed to "Adsorbers".	4	CTS-01555
Table 14.2-202 (sheet 5 of 6)	14.2-15	Consistency with DCD Tier 1	"(2.7.6.8)" was changed to "2.7.6.8" at Tier	4	CTS-01555

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
14.2.12.1.80			1 Section.		
Table 14.2-202 (sheet 5 of 6) 14.2.12.1.104	14.2-15	Consistency with DCD Tier 1	"2.7.3.6" was changed to "(2.7.3.6)" at Tier 1 Section.	4	CTS-01555
Table 14.2-202 (sheet 6 of 6) 14.2.12.1.107	14.2-16	Consistency with DCD Tier 1	"2.4.2" was added to Tier 1 Section.	4	CTS-01555
Table 14.2-202 (Sheet 6 of 6) 14.2.12.1.113, 14.2.12.1.114	14.2-16	Completeness of the table	Two site-specific tests were added to preoperational test column, referring RCOLA Part 10.	4	CTS-01555
Table 14.2-202 (Sheet 6 of 6) 14.2.12.1.118	14.2-16	Consistency with DCD Tier 2	Equipment hatch Hoist Preoperational Test was deleted.	4	CTS-01555
Table 14.2-202 (Sheet 6 of 6) Notes	14.2-16	Clarification	Notes 1 and 2 were added.	4	CTS-01555
Table 14.2-203	14.2-17	Editorial	Column title re-phrased to read "CPNPP Units 3 and 4 Position in Table 13.1-	4	CTS-01556

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
			201”		
14.3.4.3	14.3-1	Consistency with DCD Tier 2 Section 14.3.4.3 and RCOLA Part 10	Description on ITAAC of site-specific piping systems and components was added.	4	CTS-01555
14.3.4.6	14.3-1	Editorial	Expansion for the term “COLA” was deleted as it was provided earlier in the document.	4	CTS-01556
Table 14A-201	14A-2	Editorial	The term “System” added after “Ultimate Heat Sink (UHS)”.	4	CTS-01556
Appendix 14B		Consistency with DCD Tier 2 Appendix 14B	Appendix 14B was added.	4	CTS-01555

Chapter 15

Chapter 15 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.

Chapter 16

Chapter 16 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
16.1.1.2	16.1-2	Supplemental Response to RAI No. 90 Luminant Letter no.TXNB-13006 Date 03/04/2013 ADAMS Accession Number : ML13066A105	Added basis for initial Ultimate Heat Sink surveillance frequencies.	-	RCOL2_16- 10 S01
Table 16-201	16.1-3	Supplemental Response to RAI No. 90 Luminant Letter no.TXNB-13006 Date 03/04/2013 ADAMS Accession Number : ML13066A105	Added table to list initial Ultimate Heat Sink surveillance frequencies.	-	RCOL2_16- 10 S01
Table 16-201	16.1-3	To correct credited volume	Changed UHS basin water inventory verification volume	4	CTS-01568

Chapter 17

Chapter 17 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.
Table 17.4-201	17.4-5	Errata	Corrected tag ID number for UHS Cooling Tower Fans	3	CTS-01545

Chapter 18

Chapter 18 Change List

Section	FSAR Rev. 4 Page	Reason for Change	Change Summary	FSAR Tracking Report	
				Rev. of FSAR T/R	Change ID No.

Chapter 19

Chapter 19 Change List

Section	FSAR Rev. 4 Page	Reason for change	Change Summary	FSAR Ch. 19 Tracking Report	
				Rev. of FSAR T/R	Change ID No.
19.1 19.1.1.2.1 19.1.1.3.1 19.1.1.3.2 19.1.1.4.1	19.1-1 19.1-1 19.1-2 19.1-2 19.1-2	Response to RAI No. 268 Luminant Letter no.TXNB-12043 Date 12/18/2012	Updated and expanded FSAR section cross-references for risk informed applications.	-	RCOL2_19-25
19.1.2.3	19.1-3	Response to RAI No. 268 Luminant Letter no.TXNB-12043 Date 12/18/2012	Clarified expectations on requirements to demonstrate technical adequacy.	-	RCOL2_19-24
19.1.2.4	19.1-3	Editorial	Adjusted wording on insertion	4	CTS-01559
19.1.4.1.2 Table 19.1-204	19.1-4 19.1-5 19.1-50 through 19.1-52	Consistency with Response to RAI 254 S01 (ML12269A462)	Added discussion of drain valves at the UHS and updated associated tables and figures for consistency with	3	CTS-01546

Section	FSAR Rev. 4 Page	Reason for change	Change Summary	FSAR Ch. 19 Tracking Report	
				Rev. of FSAR T/R	Change ID No.
Table 19.1-206 (sheet 1 of 2) Figure 19.1-2R (2 of 3)	19.1-89 19.1-93		previous design change		
19.1.4.1.2	19.1-5, 19.1-6	Response to RAI No. 268 Luminant Letter no.TXNB-12043 Date 12/18/2012	Capture requirements to update PRA following construction to capture changes.	-	RCOL2_19-24
19.1.5	19.1-7	Response to RAI No. 277 Luminant Letter no.TXNB-13031 Date 10/8/2013	Changed to wording to match wording in PSA standard.	-	RCOLA2_19-30
19.1.5	19.1-7, 19.1-11	Response to RAI No. 264 Luminant Letter no.TXNB-12043 Date 12/18/2012	Clarified results of external flooding screening.	-	RCOL2_19-22
19.1.5 Table 19.1-205 (Sheet 12, 16, 24 of 35) Table 19.1-206 (Sheet 2 of 2)	19.1-7 19.1-64 19.1-68 19.1-76 19.1-90	Response to RAI No. 250 Luminant Letter no.TXNB-12032 Date 9/14/2012	Revised to incorporate RG 1.221.	-	RCOL2_03.03.02-9

Section	FSAR Rev. 4 Page	Reason for change	Change Summary	FSAR Ch. 19 Tracking Report	
				Rev. of FSAR T/R	Change ID No.
19.1.5	19.1-11	Response to RAI No. 248 Luminant Letter no.TXNB-12016 Date 05/31/2012	Information for extreme wind bounding assessment added for LPSD and at power operation.	-	RCOL2_19-19
19.1.5	19.1-11	Response to RAI No. 264 Luminant Letter no.TXNB-12043 Date 12/18/2012	Clarified screening criteria used for external events and results of screening.	-	RCOL2_19-21
19.1.5	19.1-11	Response to RAI No. 277 Luminant Letter no.TXNB-13031 Date 10/8/2013	Removed extraneous wording in justification for screening flood events.	-	RCOLA2_19-30
19.1.7	19.1-14	Response to RAI No. 268 Luminant Letter no.TXNB-12043 Date 12/18/2012	Updated and expanded FSAR section cross-references for risk informed applications.	-	RCOL2_19-25
Table 19.1-119R (Sheet 13 of 50)	19.1-20	Consistency with DCD	Make spent fuel pit nomenclature consistent	4	CTS-01559

Section	FSAR Rev. 4 Page	Reason for change	Change Summary	FSAR Ch. 19 Tracking Report	
				Rev. of FSAR T/R	Change ID No.
Table 19.1-119R (Sheet 14 of 50)	19.1-21	Consistency with DCD	Added bullet 2 to match DCD.	4	CTS-01559
Table 19.1-119R (Sheet 14 of 50)	19.1-21	Editorial	Clarified disposition FSAR sections	4	CTS-01559
Table 19.1-119R (Sheet 15 of 50)	19.1-22	Consistency with DCD	Eliminated double entry in table, clean up wording	4	CTS-01559
Table 19.1-119R (Sheet 17 of 50)	19.1-23	Consistency with DCD	Added discussion on hydrogen igniters	4	CTS-01559
Table 19.1-119R (Sheet 17 of 50)	19.1-23	Consistency with DCD	capitalize wording	4	CTS-01559
Table 19.1-119R (Sheet 17 of 50)	19.1-23	Consistency with DCD	Added discussion on hydrogen igniters	4	CTS-01559

Section	FSAR Rev. 4 Page	Reason for change	Change Summary	FSAR Ch. 19 Tracking Report	
				Rev. of FSAR T/R	Change ID No.
Table 19.1-119R (Sheet 17 of 50)	19.1-23	Consistency with DCD	Clarification on drain paths for containment post-LOCA water flow	4	CTS-01559
Table 19.1-119R (Sheet 19 of 50)	19.1-24	Consistency with DCD	Clarification on Incore instrument – vessel arrangement	4	CTS-01559
Table 19.1-119R (Sheet 20 of 50)	19.1-25	Consistency with DCD	capitalize wording	4	CTS-01559
Table 19.1-119R (Sheet 24 of 50)	19.1-29	Consistency with DCD	Grammar correction	4	CTS-01559
Table 19.1-119R (Sheet 26 of 50)	19.1-32	Consistency with DCD	Capitalize wording	4	CTS-01559
Table 19.1-119R (Sheet 27 of 50)	19.1-32	Consistency with DCD	Deleted item 15	4	CTS-01559

Section	FSAR Rev. 4 Page	Reason for change	Change Summary	FSAR Ch. 19 Tracking Report	
				Rev. of FSAR T/R	Change ID No.
Table 19.1-119R (Sheet 29 of 50)	19.1-35	Consistency with DCD	Grammar correction	4	CTS-01559
Table 19.1-119R (Sheet 31 of 50)	19.1-36	Consistency with DCD	Reword item 4 to match DCD	4	CTS-01559
Table 19.1-119R (Sheet 33 of 50)	19.1-38	Consistency with DCD	Clarified required vent paths for RCS drain down condition	4	CTS-01559
Table 19.1-119R (Sheet 34)	19.1-39	Response to RAI No. 669 MHI Letter No. UAP-HF-12023 Date 02/08/2012	Incorporated a new key insight regarding administrative controls for SIS during LPSD operation	-	DCD_19-494
Table 19.1-119R (Sheet 34 of 50)	19.1-39	Consistency with DCD	Item 20 reworded to add SIS technical specification for mode 6	4	CTS-01559

Section	FSAR Rev. 4 Page	Reason for change	Change Summary	FSAR Ch. 19 Tracking Report	
				Rev. of FSAR T/R	Change ID No.
Table 19.1-119R (Sheet 34 of 50)	19.1-39	Consistency with DCD	Item 21 and 22 reworded to clarify required conditions for refueling	4	CTS-01559
Table 19.1-119R (Sheet 35 of 50)	19.1-40	Consistency with DCD	Item 23 and 24 added to clarify conditions for refueling	4	CTS-01559
Table 19.1-119R (Sheet 36 of 50)	19.1-41	Consistency with DCD	Item 2 changed to clarify containment closure capability. Item 4 changed to clarify conditions for refueling	4	CTS-01559
Table 19.1-119R (Sheet 37 of 50)	19.1-42	Consistency with DCD	Item 7 and 8 changed to list GL 88-17 mid-loop actions.	4	CTS-01559
Table 19.1-119R (Sheet 42 of 50)	19.1-43	Consistency with DCD	Item 8 removed to be consistent with DCD	4	CTS-01559
Table 19.1-119R (Sheet 47 of 50)	19.1-45	Consistency with the DCD	Clarified flooding assumption in PRA items 4, 8, 9 and 10	4	CTS-01559

Section	FSAR Rev. 4 Page	Reason for change	Change Summary	FSAR Ch. 19 Tracking Report	
				Rev. of FSAR T/R	Change ID No.
Table 19.1-119R (Sheet 47, 48 of 50)	19.1-45, 19.1-46	Consistency with DCD	Added insights 11 and 12	4	CTS-01559
Table 19.1-205 (Sheet 11, 12 of 32)	19.1-63, 19.1-64	Consistency with FSAR Subsection 3.5.1.6 change	Revised external event screening for aircraft hazards	3	CTS-01541
Table 19.1-205 (sheet 19, 20, 23, 25 of 32)	19.1-71, 19.1-72, 19.1-75, 19.1-77	Consistency with response to RAI 264 (ML12355A029)	Updated screening applicability for lightning, hail, air pollution, and dust storm events to be consistent with screening criteria clarified in RAI 264 Question 19-22	3	CTS-01548
Table 19.1-205 (Sheets 24, 25 of 32)	19.1-76, 19.1-77	Response to RAI No. 248 Luminant Letter no.TXNB-12016 Date 05/31/2012	Information added to address risk from extreme winds.	-	RCOL2_19-19
Table 19.1-205 (Sheets 24, 25 of 32)	19.1-76, 19.1-77	Response to RAI No. 264 Luminant Letter no.TXNB-12043 Date 12/18/2012	Updated wording on extreme wind screening discussion.	-	RCOL2_19-21
Table 19.1-205 (sheet 27, 28, 29, 30, 31 of 32)	19.1-79, 19.1-80, 19.1-81, 19.1-82, 19.1-83	Consistency with response to RAI 139 S03 ((ML13154A394, ML13154A361)	Revised external event screening for flooding, dam failures, and ice effects Updated units for	3	CTS-01547

Section	FSAR Rev. 4 Page	Reason for change	Change Summary	FSAR Ch. 19 Tracking Report	
				Rev. of FSAR T/R	Change ID No.
			surge and seiche flooding and tsunami		
Table 19.1-205 (Sheets 27, 28 of 32)	19.1-79 19.1-80	Response to RAI No. 264 Luminant Letter no.TXNB-12043 Date 12/18/2012	Updated wording on external flooding screening discussion.	-	RCOL2_19-22
Table 19.1-207 (Sheets 1, 2 of 2)	19.1-91 19.1-92	Response to RAI No. 268 Luminant Letter no.TXNB-12043 Date 12/18/2012	Updated and expanded FSAR section cross-references for risk informed applications.	-	RCOL2_19-25
19.2.6.4 19.2.6.6	19.2-4	Response to RAI No. 267 Luminant Letter no.TXNB-12043 Date 12/18/2012	Updated values from using more recent dollar values in calculation.	-	RCOL2_19-23
19.2.6.6 Table 19.2-9R	19.2-4 19.2-6	Consistency with RAI 267 Luminant Letter no.TXNB-12043 Date 12/18/2012	Maximum averted cost and SAMA benefit values at the corresponding discount rates were updated.	1	CTS-01528
19.3.3	19.3-1	Response to RAI No. 268 Luminant Letter no.TXNB-12043 Date 12/18/2012	Updated and expanded FSAR section cross-references for risk informed applications.	-	RCOL2_19-25

Section	FSAR Rev. 4 Page	Reason for change	Change Summary	FSAR Ch. 19 Tracking Report	
				Rev. of FSAR T/R	Change ID No.
19.3.3	19.3-1	Updated references to FSAR sections that address COL items	Updated references to FSAR sections that address COL items	4	CTS-01559
19.3.3	19.3-1 19.3-2	Response to RAI No. 268 Luminant Letter no.TXNB-12043 Date 12/18/2012	Update FSAR location references for PRA update requirements.	-	RCOL2_19-24
APPENDIX 19B	19B-1	Consistency with DCD	Added reference to new DCD section	4	CTS-01559

**Comanche Peak Nuclear Power Plant, Units 3 & 4
COL Application**

Part 3

Environmental Report

Revision 3

Change List

Chapter 1

Chapter 1 Change List

Section	ER Rev.4 Page	Reason for change	Change Summary	ER Tracking Report	
				Rev. of ER T/R	Change ID No.

Chapter 2

Chapter 2 Change List

Section	ER Rev.4 Page	Reason for change	Change Summary	ER Tracking Report	
				Rev. of ER T/R	Change ID No.
Figure 2.1-1 Figure 2.3-26 Figure 2.3-27	-	To reflect plant layout changes as described in Luminant ISCP Letter ML12268A4 1	Updated to reflect standard plant and site-specific layout changes	0	CTS-01520
2.3.1.5.5	2.3-32 through 2.3-36	Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Sections were updated to reflect updated groundwater well monitoring results.	-	RCOL2_02.04.12-12 S01
2.3.1.5.6 2.3.1.5.6.1 2.3.1.5.6.1.1 2.3.1.5.6.1.2 2.3.1.5.6.1.3	2.3-36 through 2.3-38 2.3-39 2.3-40 2.3-40 2.3-41, 2.3-42	4 th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Section was revised to reflect updates to the maximum groundwater elevation and pathways.	-	RCOL2_02.04.12-9 S04
Table 2.3-30 (Sheets 1 through 6 of 6)	2.3-142 through 2.3-147	Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Table was revised to reflect updated groundwater monitoring results.	-	RCOL2_02.04.12-12 S01

Section	ER Rev.4 Page	Reason for change	Change Summary	ER Tracking Report	
				Rev. of ER T/R	Change ID No.
Table 2.3-31	2.3-148	4 th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Table was revised to reflect updated results of the groundwater pathways analysis	-	RCOL2_02.4.1 2-9 S04
Figure 2.3-27 (Sheets 1 through 4 of 4)	-	Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Figure was updated to reflect new site layout and plot plan and updated groundwater monitoring results (adding 2 more sheets)	-	RCOL2_02.04.12-12 S01

Chapter 3

Chapter 3 Change List

Section	ER Rev.4 Page	Reason for change	Change Summary	ER Tracking Report	
				Rev. of ER T/R	Change ID No.
Figure 3.1-1 Figure 3.1-2 Figure 3.4-3	- - -	To reflect plant layout changes as described in Luminant ISCP Letter ML12268A41	Updated to reflect standard plant and site-specific layout changes. Also includes removal of meaningless cross-references and an updated legend.	0	CTS-01520

Chapter 4

Chapter 4 Change List

Section	ER Rev.4 Page	Reason for change	Change Summary	ER Tracking Report	
				Rev. of ER T/R	
Figure 4.1-1	-	To reflect plant layout changes as described in Luminant ISCP Letter ML12268A41	Updated to reflect standard plant and site-specific layout changes	0	Figure 4.1-1

Chapter 5

Chapter 5 Change List

Section	ER Rev.4 Page	Reason for change	Change Summary	ER Tracking Report	
				Rev. of ER T/R	Change ID No.
Table 5.4-15	5.4-41	Editorial correction	Consistency with Table 5.4-9, added a note to clarify the basis of the TEDE value.	-	CTS-01581

Chapter 6

Chapter 6 Change List

Section	ER Rev.4 Page	Reason for change	Change Summary	ER Tracking Report	
				Rev. of ER T/R	Change ID No.
6.3.1.2 6.6.1.2	6.3-3, 6.3-4 6.6-4	4 th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB- 13013 Date 4/29/2013	Section was revised to reflect updates to groundwater monitoring results.	-	RCOL2_02.04. 12-12 S04
Figure 6.3-1	-	To reflect plant layout changes as described in Luminant ISCP Letter ML12268A41	Updated to reflect standard plant and site-specific layout changes		CTS-01520

Chapter 7

Chapter 7 Change List

Section	ER Rev.4 Page	Reason for change	Change Summary	ER Tracking Report	
				Rev. of ER T/R	Change ID No.
7.2.2	7.2-4	4th Supplemental Response to RAI No. 147 Luminant Letter no.TXNB-13013 Date 4/29/2013	Section was revised to reflect updates to liquid pathway terminology and results.	-	RCOL2_02.04.12-9 S04
Table 7.3-1	7.3-5	Response to RAI No. 267 Luminant Letter no.TXNB-12043 Date 12/18/2012	Insertion of 3% discount rate values.	-	RCOL2_19-23

Chapter 8

Chapter 8 Change List

Section	ER Rev.4 Page	Reason for change	Change Summary	ER Tracking Report	
				Rev. of ER T/R	Change ID No.

Chapter 9

Chapter 9 Change List

Section	ER Rev.4 Page	Reason for change	Change Summary	ER Tracking Report	
				Rev. of ER T/R	Change ID No.

Chapter 10

Chapter 10 Change List

Section	ER Rev.4 Page	Reason for change	Change Summary	ER Tracking Report	
				Rev. of ER T/R	Change ID No.

**Comanche Peak Nuclear Power Plant, Units 3 & 4
COL Application**

Part 4

Technical Specifications

Revision 4

Change List

Introduction

Introduction Change List

Section	TS Rev. 4 Page	Reason for change	Change Summary	TS Tracking Report	
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Specifications

Specifications Change list

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
1.3 CONDITION A, B	1.3-10	Consistency with DCD	Added underline to word "AND" and "OR".	0	CTS-01558
3.3.1 CONDITION D	3.3.1-2	Editorial	Added space between "D.2.1" and "Initiate".	0	CTS-01558
3.3.1 CONDITION M	3.3.1-6	Editorial	Added comma after "testing".	0	CTS-01558
3.3.1 CONDITION T	3.3.1-8	Editorial	Added period.	0	CTS-01558
3.3.1 FUNCTION 14	3.3.1-18	Editorial	Changed "Actuation" to "actuation" because term does not need to be capitalized.	0	CTS-01558
3.3.2 CONDITION E	3.3.2-3	Editorial	Added period.	0	CTS-01558
3.3.2	3.3.2-4	Editorial	Added columns for "Condition", "Required Action", and "Completion Time".	0	CTS-01558
3.3.2 CONDITION T	3.3.2-9	Editorial	Added underline to word "AND".	0	CTS-01558
3.3.2 CONDITION X	3.3.2-10	Editorial	Changed "Train" to "Trains".	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
3.3.2 CONDITION Y	3.3.2-11	Consistency with DCD	Changed "Immediately" to "7 days" in column for Completion Time.	0	CTS-01558
3.3.2 FUNCTION 14 c Footnotes FUNCTION 16	3.3.2-24	Consistency with DCD Consistency with DCD Consistency with DCD	Added "(g)" as superscript. Added footnotes (g) and (h). Added item "16. Main Steam Relief Line Isolation" to table.	0	CTS-01558
3.3.3. CONDITION A	3.3.3-1	Editorial	Added underline to word "OR".	0	CTS-01558
3.3.3. CONDITION C	3.3.3-2	Editorial	Added underline to word "OR".	0	CTS-01558
3.3.4 CONDITION A	3.3.4-1	Editorial	Added underline to word "OR".	0	CTS-01558
3.4.5 SR 3.4.5.2	3.4.5-3	Consistency with DCD	Changed SG Secondary side water level from greater than or equal to 13% to 14%	0	CTS-01558
3.4.6 NOTES 3	3.4.6-1	Reflect response to Amended	Note 3 is added.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013). ADAMS Accession Number: ML 13151A039			
3.4.6 CONDITION C	3.4.6-2	Reflect response to Amended DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013). ADAMS Accession Number: ML 13151A039	wording is clarified for Condition C. Action C.1 is simplified.	0	CTS-01558
3.4.6 SR 3.4.6.2	3.4.6-3	Consistency with DCD	Changed SG Secondary side water level from greater than or equal to 13% to 14%		
3.4.6 SR 3.4.6.5	3.4.6-4	Reflect response to RAI No. 464	SR 3.4.6.5 is added.		

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		amended MHI Letter No. UAPHF-12223 (08/06/2012) ADAMS Accession Number: ML12221A27 4			
3.4.7	3.4.7-1	Consistency with DCD	Changed SG Secondary side water level from greater than or equal to 13% to 14%.	0	CTS-01558
3.4.7 NOTES 5	3.4.7-1	Reflect response to Amended DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013). ADAMS Accession Number: ML13151A03 9	Notes is re-ordered. Note 5 is added.	0	CTS-01558
3.4.7	3.4.7-1	Editorial	Various editorial changes.		
3.4.7			(Actions), Condition C		

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
CONDITION C	3.4.7-3	Reflect response to Amended DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013). ADAMS Accession Number: ML13151A039	is clarified. Required actions for Condition C are simplified.		
3.4.7 SURVEILLANCE SR 3.4.7.2	3.4.7-4	Consistency with DCD	Changed SG Secondary side water level from greater than or equal to 13% to 14%.	0	CTS-01558
3.4.7 SURVEILLANCE SR 3.4.7.4	3.4.7-4	Editorial	Editorial Change This is to reflect the "are" that was added to SR 3.4.7.4.	0	CTS-01558
SR 3.4.7.5	3.4.7-4	Reflect response to RAI No. 464 amended MHI Letter No. UAPHF-12223 (08/06/2012) ADAMS Accession	SR 3.4.7.5 is added.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		Number: ML12221A27 4			
3.4.8 LCO 3.4.8	3.4.8-1	Reflect amended Response to RAI No. 669 MHI Letter No. UAP-HF-13129 (06/13/2013). ADAMS Accession Number: ML13168A003	LCO 3.4.8 is clarified.	0	CTS-01558
3.4.8 NOTES 3	3.4.8-1	Reflect response to Amended DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013). ADAMS Accession Number: ML13151A039	Note 3 is added.		
3.4.8 CONDITION D	3.4.8-2	Reflect response to Amended DCD RAI No. 902 MHI	Condition D is clarified. Required actions for Condition D are simplified.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		Letter No. UAP-HF- 13114 (05/28/2013). ADAMS Accession Number: ML13151A03 9			
3.4.8 CONDITION E and F	3.4.8-3	Reflect amended Response to RAI No. 669 MHI Letter No. UAP-HF- 13129 (06/13/2013). ADAMS Accession Number: ML13168A00 3	CONDITION E and F are added.	0	CTS-01558
3.4.8 CONDITION F	3.4.8-3	Editorial	Various editorial changes	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
3.4.8 SR 3.4.8.5	3.4.8-4	Reflect response to RAI No. 464 amended MHI Letter No. UAP-HF-12223 (08/06/2012) ADAMS Accession Number: ML12221A27 4	SR 3.4.8.5 is added.	0	CTS-01558
3.4.8 SR 3.4.8.6 through SR 3.4.8.9	3.4.8-4, 3.4.8-5	Reflect amended Response to RAI No. 669 MHI Letter No. UAP-HF-13129 (06/13/2013). ADAMS Accession Number: ML13168A00 3	SRs 3.4.8.6 through SR 3.4.8.9 are added.	0	CTS-01558
3.4.11 CONDITION F	3.4.11-3	Editorial	Added period.	0	CTS-01558
3.4.12 CONDITION E	3.4.12-2	Editorial	Added period.	0	CTS-01558
3.4.12 SR 3.4.12.5	3.4.12-3	Editorial	Added period.		

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
3.5.2 SR 3.5.2.2 NOTE	3.5.2-2	Reflect response to RAI No. 464 amended MHI Letter No. UAP-HF- 12223 (08/06/2012) ADAMS Accession Number: ML12221A27 4	Note added to SR 3.5.2.2.	0	CTS-01558
3.5.2 SR 3.5.2.7	3.5.2-3	Reflect response to RAI No. 464 amended MHI Letter No. UAPHF- 12223 (08/06/2012) ADAMS Accession Number: ML12221A27 4	SR 3.5.2.7 is added.	0	CTS-01558
3.5.4 SR 3.5.4.2	3.5.4-2	Reflect editorial change to DCD R4. Reflect amended Response to RAI No. 740 MHI Letter	RWSP water volume is changed to 597,800 gallons / 79,920 ft3	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		<p>No. UAP-HF-11280 (08/31/2011 GSI-191). ADAMS Accession Number: ML 11245A188</p> <p>Reflect the GSI-191 Closure Plan MHI Letter No. UAP-HF- 12135 (06/01/2012). ADAMS Accession Number : ML12157A22 3</p>			
3.6.2 CONDITION A, B, and C	3.6.2-2, 3.6.2-3	Editorial	Various editorial changes.	0	CTS-01558
3.6.3 CONDITION C	3.6.3-3				
3.7.5 CONDITION A	3.7.5-1				
3.7.5 CONDITION B	3.7.5-2				
3.7.6 CONDITION A	3.7.6-1				

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
3.8.1 CONDITION A	3.8.1-2				
3.6.6 SR 3.6.6.2 SR 3.6.6.4	3.6.6-2	Consistency with DCD	Containment spray pump now called CS/RHR pump.	0	CTS-01558
3.7.9 SR 3.7.9.1	3.7.9-2	Correction of UHS basin water volume and UHS heat load values to reflect design progress due to layout changes	Changed the UHS basin water inventory from equal to or greater than "2,800,000" gallons to "2,850,000" gallons.	0	CTS-01558
3.7.10 CONDITION F	3.7.10-2	Editorial	Underlined and indented the word "OR".	0	CTS-01558
3.7.12	3.7.12-1	Consistency with DCD	The term "fuel storage pit" was replaced with "spent fuel pit"	0	CTS-01558
3.7.12 SR 3.7.12.1	3.7.12-1	Editorial	Added underline to word "AND".	0	CTS-01558
3.7.13	3.7.13-1	Consistency with DCD	The term "fuel storage pit" was replaced with "spent fuel pit"	0	CTS-01558
3.8.1 CONDITION A	3.8.1-2	Editorial	Added underline to word "OR"	-	-
3.8.1 CONDITION C	3.8.1-3	Editorial	Added underline to word "AND".	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
3.8.1 SR 3.8.1.20	3.8.1-16	Reflected to DCD RAI 962-6578	Revised surveillance Requirements to include GTG nozzle cleaning activity.	0	CTS-01558
3.8.10 CONDITION A	3.8.10-1	Editorial	Added underline to word "OR" and "AND".	0	CTS-01558
3.9.5 SR 3.9.5.2	3.9.5-2	Reflect response to RAI No. 464 amended MHI Letter No. UAP-HF-12223 (08/06/2012) ADAMS Accession Number: ML12221A27 4	SR 3.9.5.2 is added.	0	CTS-01558
3.9.6 LCO 3.9.6	3.9.6-1	Reflect amended Response to RAI No. 669 MHI Letter No. UAP-HF-13129 (06/13/2013). ADAMS Accession Number: ML13168A00 3	SR 3.9.6 is clarified with two conditions.	0	CTS-01558
3.9.6 NOTES 1 SR 3.9.6.2	3.9.6-1 3.9.6-4	Consistency with DCD	RHR pump is now called CS/RHR pump	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
3.9.6 CONDITION D.	3.9.6-3	Reflect amended Response to RAI No. 669 MHI Letter No. UAP-HF-13129 (06/13/2013). ADAMS Accession Number: ML13168A003	For Actions, Condition D is added on page 3.9.6-3.		
3.9.6 SR 3.9.6.4	3.9.6-4	Reflect Response to RAI No. 464 amended MHI Letter No. UAP-HF-12223 (0806/2012) ADAMS Accession Number: ML12221A274	SR 3.9.6.4 is added.	0	CTS-01558
4.0 4.3.1.1	4.0-2	Consistency with DCD	Minor changes to indentation, grammar, and nomenclature for spent fuel pit	0	CTS-01558
4.0 4.3.1.3	4.0-2	Consistency with DCD	Added design features for containment storage racks	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
5.5 5.5.11 d.	5.5-11	Consistency with DCD	Changed units of measure	0	CTS-01558
5.5 5.5.16 d. 5.5.17	5.5-16 5.5-17	Consistency with DCD	Added criteria for Type C leak rate tests. Changed reference year for IEEE standard.	0	CTS-01558
5.5.18 5.5.19	5.5-17 5.5-18	Supplemental Response to RAI No. 90 Luminant Letter no.TXNB-13006 Date 03/04/2013	Provided current revision number to RMTS and SFCP document.	-	RCOL2_16-10 S01
5.6 5.6.3 b.	5.6-2	Consistency with DCD	Changed reference year for MUAP-07026-P	0	CTS-01558

Bases

Bases Change list

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
B 3.1.2 ACTIONS	B 3.1.2-5	Editorial	Various editorial changes.	0	CTS-01558
B 3.1.5 ACTIONS	B 3.1.5-4				
B 3.2.1 ACTIONS	B 3.2.1-5				
B 3.2.2 ACTIONS	B 3.2.2-4				
B 3.2.3 ACTIONS	B 3.2.3-5				
B 3.1.2 ACTIONS	B 3.1.2-5	Consistency with DCD	Underlined B.1.	0	CTS-01558
B 3.1.3 REFERENCES 3.	B 3.1.3-6	Consistency with DCD	Changed reference year for MUAP-07026-P	0	CTS-01558
B 3.1.5 ACTIONS	B 3.1.5-4	Consistency with DCD	Underlined B.1.	0	CTS-01558
B 3.1.8 BACKGROUND a.	B 3.1.8-2	Consistency with DCD	Changed reference year for ANSI/ANS-19.6.1	0	CTS-01558
B 3.1.8 APPLICABLE SAFETY ANALYSES	B 3.1.8-3	Consistency with DCD	Changed reference year for ANSI/ANS-19.6.1	0	CTS-01558
B 3.1.8 REFERENCES	B 3.1.8-8	Consistency with DCD	Changed reference year for ANSI/ANS-19.6.1 and MUAP-07026-P	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
B 3.1.9 APPLICABLE SAFETY ANALYSES	B 3.1.9-4	Consistency with DCD	Changed reference year for ANSI/ANS-19.6.1	0	CTS-01558
B 3.1.9 REFERENCES	B 3.1.9-8	Consistency with DCD	Changed reference year for ANSI/ANS-19.6.1 and MUAP-07026-P	0	CTS-01558
B 3.2.2 ACTIONS	B 3.2.2-4	Consistency with DCD	Underlined A.1.2.1.	0	CTS-01558
B 3.2.3 ACTIONS	B 3.2.3-5	Consistency with DCD	Underlined B.1.	0	CTS-01558
B 3.3.1 BACKGROUND	B 3.3.1-2	Editorial	Changed "as found" to "as-found" to add missing hyphen.	0	CTS-01558
B 3.3.1 BACKGROUND	B 3.3.1-8	Editorial	Deleted "accuracy".	0	CTS-01558
B 3.3.1 BACKGROUND	B 3.3.1-9	Consistency with DCD	Added two paragraphs from DCD section B 3.3.1 that discuss the Class 1E Electrical Room HVAC System.	0	CTS-01558
B 3.3.1 APPLICABLE SAFETY ANALYSES	B 3.3.1-19	Editorial	Added comma after "i.e." in the parenthetical remark in the first sentence.	0	CTS-01558
B 3.3.1 APPLICABLE SAFETY ANALYSES 15 a.	B 3.3.1-29	Editorial	Change "eading" (sic) to "reading" to correct spelling error.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
B 3.3.1 ACTIONS	B 3.3.1-37	Editorial	Added space between "Function" and "is".	0	CTS-01558
B 3.3.1 ACTIONS	B 3.3.1-38	Editorial	Change to "ensures to correct verb tense.	0	CTS-01558
B 3.3.1 SR 3.3.1.7	B 3.3.1-59	Editorial	Deleted "the frequency".	0	CTS-01558
B 3.3.1 SURVEILLANCE REQUIREMENTS REFERENCES 2, 11, and 12	B 3.3.1-65	Editorial Consistency with DCD	Added space between "FSAR" and "Section". Changed revision number of reference from "2" to "3".	0	CTS-01558
B 3.3.2 BACKGROUND	B 3.3.2-6	Editorial	Deleted ", ".	0	CTS-01558
B 3.3.2 APPLICABLE SAFETY ANALYSES 2	B 3.3.2-18	Editorial	Changed "containment spray" to "CS/RHR" to correct the name of the CS/RHR pumps.	0	CTS-01558
B 3.3.2 APPLICABLE SAFETY ANALYSES (2)	B 3.3.2-27	Editorial	Deleted ")". Changed "the" to "this" to correct spelling error.	0	CTS-01558
B 3.3.2 APPLICABLE SAFETY ANALYSES 5 c.	B 3.3.2-30	Consistency with DCD Consistency with DCD	Added "the protection function actuation. Therefore,". This splits a run-on sentence. Added "requires only two additional channels to provide the protection function".	0	CTS-01558
B 3.3.2 APPLICABLE SAFETY ANALYSES	B 3.3.2-32	Editorial	Changed " msut" (sic) to "must" to correct spelling error.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
B 3.3.2 APPLICABLE SAFETY ANALYSES f.	B 3.3.2-36	Editorial	Changed "all" to "All" in term "Trip of all Main Feedwater Pumps".	0	CTS-01558
B 3.3.2 APPLICABLE SAFETY ANALYSES b.	B 3.3.2-37	Editorial	Changed "require" to "required" to correct verb tense.	0	CTS-01558
B 3.3.2 APPLICABLE SAFETY ANALYSES 11.	B 3.3.2-43	Editorial	Added space between "interlocks" and "are".	0	CTS-01558
B 3.3.2 APPLICABLE SAFETY ANALYSES a.	B 3.3.2-44	Editorial	Added period after "setpoint".	0	CTS-01558
B 3.3.2 APPLICABLE SAFETY ANALYSES 13.	B 3.3.2-47	Editorial	Added period after "3.7.10".	0	CTS-01558
B 3.3.2 APPLICABLE SAFETY ANALYSES 14. a. and b.	B 3.3.2-51	Consistency with DCD Consistency with DCD Editorial	Added "in MODES 1, 2 and 3. In MODES 4, 5 and 6, the average coolant temperature is below the Low-Low Tavg Signal setpoint and this Function is not required to be OPERABLE .". Deleted sentence. Added space between "Each" and "Turbine".	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
B 3.3.2 APPLICABLE SAFETY ANALYSES 14. a. and b.	B 3.3.2-51	Consistency with DCD	Changed description of Low-Low Tavag signal.	0	CTS-01558
B 3.3.2 APPLICABLE SAFETY ANALYSES 14. c. and 16	B 3.3.2-53 B 3.3.2-54	Consistency with DCD	Inserted replacement text.	0	CTS-01558
B 3.3.2 APPLICABLE SAFETY ANALYSES 16	B 3.3.2-54 through B 3.3.2-56	Editorial	Deleted "out".	0	CTS-01558
B 3.3.2 ACTIONS F.1, F.2.1, and F.2.2	B 3.3.2-63	Consistency with DCD Consistency with DCD	Deleted "and" Changed to ", and" and Added bullet "Main Steam Relief Line Isolation".	0	CTS-01558
B 3.3.2 ACTIONS	B 3.3.2-64	Consistency with DCD Consistency with DCD	Deleted "and". Added ", and Main Steam Relief Line Isolation" after "Valves".	0	CTS-01558
B 3.3.2 ACTIONS G1, G2.1, and G.2.2	B 3.3.2-65	Consistency with DCD Consistency with DCD	Deleted "and" Changed to ", and" and Added bullet "Main Steam Relief Line Isolation".	0	CTS-01558
B 3.3.2 ACTIONS S.1 and S.2	B 3.3.2-75	Editorial	Changed to "considers" to correct verb tense.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
B 3.3.2 SR 3.3.2.2	B 3.3.2-86	Editorial	Changed to ",",	0	CTS-01558
B 3.3.2 SR 3.3.2.3	B 3.3.2-87	Editorial	Delete extra period.	0	CTS-01558
B 3.3.2 REFERENCES 7,8, and 12	B 3.3.2-92	Editorial Consistency with DCD	Deleted hyphen. Changed revision number of reference from "2" to "3".	0	CTS-01558
B 3.3.3 LCO	B 3.3.3-3	Editorial	Changed to "ensures" to correct verb tense.	0	CTS-01558
B 3.3.3 REFERENCES 6	B 3.3.3-18	Consistency with DCD	Changed revision number of reference from "2" to "3".	0	CTS-01558
B 3.3.4 ACTIONS A.1	B 3.3.4-4	Editorial	Added period after "inoperable".	0	CTS-01558
B 3.3.4 REFERENCES 6	B 3.3.4-9	Consistency with DCD	Changed revision number of reference from "2" to "3".	0	CTS-01558
B 3.3.4 Table B 3.3.4-1 (Sheet 2 of 2)	B 3.3.4-11	Consistency with DCD	Added "e. CCW Pump Discharge Pressure 1 per Required Pump".	0	CTS-01558
B 3.3.4 Table B 3.3.4-2 (Sheet 2 of 3)	B 3.3.4-13	Consistency with DCD Consistency with DCD	Added "1 st " between "Outlet" and "Valve". Added bullet "c. CS/RHR Hx CCW Outlet 2nd Valve 1 per Required Pump".	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
B 3.3.5 REFERENCES 7	B 3.3.5-9	Consistency with DCD	Changed revision number of reference from "2" to "3".	0	CTS-01558
B 3.3.6 APPLICABLE SAFETY ANALYSES 1. f.	B 3.3.6-11	Editorial	Added space between "set" and "and".	0	CTS-01558
B 3.3.6 ACTIONS	B 3.3.6-15	Editorial	Deleted extra period.	0	CTS-01558
B 3.3.6 SR 3.3.6.5 SR 3.3.6.6	B 3.3.6-18	Editorial	Changed "Automatic Actuation Logic" to "automatic actuation logic".	0	CTS-01558
B 3.3.6 REFERENCES 2 and 7	B 3.3.6-19	Consistency with DCD	Changed revision number of reference from "4" to "5" and "2" to "3".	0	CTS-01558
B 3.4.2 APPLICABLE SAFETY ANALYSES	B 3.4.2-2	Consistency with DCD	Changed to nominal temperature for criticality.	0	CTS-01558
B 3.4.5 SR 3.4.5.2	B 3.4.5-6	Consistency with DCD	Changed SG Secondary side water level from greater than or equal to 13% to 14%.	0	CTS-01558
B 3.4.6 BACKGROUND	B 3.4.6-1	Consistency with DCD	"residual" is changed to "containment spray/residual".	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
B 3.4.6 BACKGROUND	B 3.4.6-1	Reflect response to RAI No. 986 MHI Letter No. UAP-HF-13104 (04/25/2013). ADAMS Accession Number: ML13119A164	Discussion of the Safeguards Component Area HVAC System is added to background.	0	CTS-01558
B 3.4.6 LCO	B 3.4.6-2	Reflect response to Amended DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013). ADAMS Accession Number: ML 13151A039	Discussion of isolating unborated water from the RCS is added to LCO discussion.	0	CTS-01558
LCO b.	B 3.4.6-3	Reflect response to Amended DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013). ADAMS Accession Number: ML 13151A039	Discussion of Note 3 is added to LCO.		
LCO	B 3.4.6-4	Reflect response to DCD RAI No. 464 amended	Management of gas voids is important to		

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
ACTIONS C.1	B 3.4.6-6	MHI Letter No. UAP-HF-12223 (08/06/2012) ADAMS Accession Number ML12221A274 Reflect response to Amended DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013). ADAMS Accession Number: ML 13151A039	RHRS operability. Part of Action C is deleted.		
B 3.4.6 SURVEILLANCE REQUIREMENTS	B 3.4.6-7	Editorial	Spelling correction	0	CTS-01558
B 3.4.6 SR 3.4.6.1 SR 3.4.6.2 SURVEILLANCE REQUIREMENTS	B 3.4.6-7	Consistency with DCD	Changed SG Secondary side water level from greater than or equal to 13% to 14%.	0	CTS-01558
B 3.4.6 SR 3.4.6.4 SURVEILLANCE REQUIREMENTS	B 3.4.6-8	Reflect response to Amended DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013) ADAMS	“Verify” is changed to “Verification”.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		Accession Number: ML13151A039			
B 3.4.6 SR 3.4.6.5 SURVEILLANCE REQUIREMENTS	B 3.4.6-8 B 3.4.6-9	Reflect response to DCD RAI No. 464 amended MHI Letter No. UAP-HF-12223 (08/06/2012) ADAMS Accession Number ML12221A274 Editorial	SR 3.4.6.5 is added. Various editorial changes made.	0	CTS-01558
B 3.4.7 BACKGROUND	B 3.4.7-1	Consistency with DCD Consistency with DCD	"residual" is changed to "containment spray/residual" and "RHR" is changed to "CS/RHR". Changed SG Secondary side water level from greater than or equal to 13% to 14%.	0	CTS-01558
B 3.4.7 BACKGROUND	B 3.4.7-2	Reflect response to DCD RAI No. 986 MHI Letter No. UAP-HF-	Discussion of the Safeguards Component Area HVAC System is added to background.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		13104 (04/25/2013) ADAMS Accession Number : ML13119A164			
B 3.4.7	B 3.4.7-2 B 3.4.7-3	Editorial	Various editorial changes.	0	CTS-01558
B 3.4.7 LCO	B 3.4.7-2	Reflect response to Amended DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013) ADAMS Accession Number: ML13151A039	Part of LCO in 2 nd paragraph is deleted by seeing the Note5.	0	CTS-01558
B 3.4.7 LCO	B 3.4.7-4	Reflect response to Amended DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013) ADAMS Accession Number: ML13151A039	Discussion of Note 5 is added.	0	CTS-01558
B 3.4.7 LCO	B 3.4.7-4	Reflect response to DCD RAI No. 464 amended MHI Letter No. UAP-HF-12223 (08/06/2012)	Management of gas voids is important to RHRS operability.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		ADAMS Accession Number ML12221A274			
B 3.4.7 LCO	B 3.4.7-4	Editorial	Various editorial changes	0	CTS-01558
B 3.4.7 APPLICABILITY ACTION A.1 and A.2 SR 3.4.7.3	B 3.4.7-5 B 3.4.7-6 B 3.4.7-8	Consistency with DCD	Changed SG Secondary side water level from greater than or equal to 13% to 14%.	0	CTS-01558
B 3.4.7 ACTIONS C.1	B 3.4.7-6	Reflect response to Amended DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013) ADAMS Accession Number: ML13151A039	Part of Action C.1 is deleted.	0	CTS-01558
B 3.4.7 SR 3.4.7.4	B 3.4.7-8	Reflect response to Amended DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013) ADAMS Accession Number: ML13151A039	“Verify” is changed to “Verification”.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
B 3.4.7 Surveillance Requirement SR 3.4.7.4	B 3.4.7-8	Editorial	Editorial change	0	CTS-01558
B 3.4.7 SR 3.4.7.5	B 3.4.7-8 B 3.4.7-9	Reflect response to DCD RAI No. 464 amended MHI Letter No. UAP-HF-12223 (08/06/2012) ADAMS Accession Number ML12221A274	SR 3.4.7.5 is added.	0	CTS-01558
B 3.4.8 BACKGROUND	B 3.4.8-1	Consistency with DCD	"residual heat removal" is changed to "containment spray/residual heat removal" and "RHR" is changed to "CS/RHR".	0	CTS-01558
B 3.4.8 BACKGROUND	B 3.4.8-1	Reflect amended response to DCD RAI No. 669 MHI Letter No. UAP-HF-13129 (06/13/2013). ADAMS Accession Number: ML13168A003	Discussion of having an additional source of injection water is added (PRA).	0	CTS-01558
B 3.4.8 BACKGROUND	B 3.4.8-1 B 3.4.8-2	Reflect response to DCD RAI No. 986 MHI Letter No. UAP-HF-	Discussion of the Safeguards Component Area HVAC System is added to background.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		13104 (04/25/2013) ADAMS Accession Number : ML13119A164			
B 3.4.8 LCO	B 3.4.8-2	Reflect response to Amended DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013). ADAMS Accession Number: ML 13151A039	Part of LCO in 2 nd paragraph is deleted by seeing the Note 3.	0	CTS-01558
B 3.4.8 APPLICABLE SAFETY ANALYSES	B 3.4.8-3	Reflect amended response to DCD RAI No. 669 MHI Letter No. UAP-HF-13129 (06/13/2013). ADAMS Accession Number: ML13168A003	Added discussion regarding having at least one SI pump operable.	0	CTS-01558
B 3.4.8 LCO	B 3.4.8-3	Reflect amended response to DCD RAI No. 669 MHI Letter No. UAP-HF-13129	Added LCO discussion of having at least one SI pump operable.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		(06/13/2013). ADAMS Accession Number: ML13168A003			
B 3.4.8 LCO	B 3.4.8-3	Reflect response to Amended DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013). ADAMS Accession Number: ML 13151A039	Discussion of Note 3 is added.	0	CTS-01558
B 3.4.8 ACTIONS	B 3.4.8-4	Reflect response to DCD RAI No. 464 amended MHI Letter No. UAP-HF-12223 (08/06/2012) ADAMS Accession Number ML12221A274	Management of gas voids is important to RHRS operability.	0	CTS-01558
B 3.4.8 ACTIONS D.1	B 3.4.8-5	Reflect response to Amended DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013).	Part of Action D.1 is deleted.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		ADAMS Accession Number: ML 13151A039			
B 3.4.8 ACTIONS E, F	B 3.4.8-6 B 3.4.8-7	Reflect amended response to DCD RAI No. 669 MHI Letter No. UAP-HF-13129 (06/13/2013). ADAMS Accession Number: ML13168A003	Added discussion of Actions E and F. Added discussion of the importance of the RHR loop requirements being met.	0	CTS-01558
B 3.4.8 SR 3.4.8.4	B 3.4.8-8	Reflect response to Amended DCD RAI No. 902 MHI Letter No. UAP-HF-13114 (05/28/2013). ADAMS Accession Number: ML 13151A039	"Verify" is changed to "Verification".	0	CTS-01558
B 3.4.8 SR 3.4.8.5	B 3.4.8-8 B 3.4.8-9	Reflect response to DCD RAI No. 464 amended MHI Letter No. UAP-HF-12223 (08/06/2012) ADAMS Accession	3.4.8.5 is added.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		Number ML12221A274			
B 3.4.8 SR 3.4.8.6 through SR 3.4.8.9	B 3.4.8-9 B 3.4.8-10	Reflect amended response to DCD RAI No. 669 MHI Letter No. UAP-HF-13129 (06/13/2013). ADAMS Accession Number: ML13168A003	3.4.8.6 through SR 3.4.8.9 are added.		
B 3.4.9 APPLICABLE SAFETY ANALYSES APPLICABILITY	B 3.4.9-2 B 3.4.9-4	Consistency with DCD Reflect response to DCD RAI No. 399 MHI Letter No. UAP-HF-11160 (05/30/2011). ADAMS Accession Number : ML11152A238	Changed to less than or equal to 5% power.	0	CTS-01558
B 3.4.12 BACKGROUND	B 3.4.12-2	Consistency with DCD Reflect NRC request (Resolution for SER Confirmatory	Changed RHR to CS/RHR.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		Item: CISRP-16-STSB-146-1804/89)			
B 3.4.14 SR 3.4.14.1	B 3.4.14-5	Consistency with DCD	RCS PIV testing interval changed from 12 months to 24 months.	0	CTS-01558
B 3.5.2 BACKGROUND	B 3.5.2-1 B 3.5.2-2	Reflect response to DCD RAI No. 986 MHI Letter No. UAP-HF-13104 (04/25/2013) ADAMS Accession Number : ML13119A164	Discussion of the Safeguards Component Area HVAC System is added to background.	0	CTS-01558
B 3.5.2 LCO	B 3.5.2-4	Reflect response to DCD RAI No. 464 amended MHI Letter No. UAP-HF-12223 (08/06/2012) ADAMS Accession Number ML12221A274	Management of gas voids is important to ECCS operability.	0	CTS-01558
B 3.5.2 SR 3.5.2.2	B 3.5.2-7	Reflect response to DCD RAI No. 464 amended MHI Letter No.	Discussion of a note modification to SR 3.5.2.2 is added.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		UAP-HF-12223 (08/06/2012) ADAMS Accession Number ML12221A274			
B 3.5.2 SR 3.5.2.7	B 3.5.2-8 B 3.5.2-9	Reflect response to DCD RAI No. 464 amended MHI Letter No. UAP-HF-12223 (08/06/2012) ADAMS Accession Number ML12221A274	SR 3.5.2.7 is added.	0	CTS-01558
B 3.5.3 LCO	B 3.5.3-1	Reflect response to DCD RAI No. 464 amended MHI Letter No. UAP-HF-12223 (08/06/2012) ADAMS Accession Number ML12221A274	Management of gas voids is important to ECCS operability.	0	CTS-01558
B 3.5.4 APPLICABLE SAFETY ANALYSES	B 3.5.4-2	Consistency with DCD Reflect the GSI-191 Closure Plan MHI Letter	For the LBLOCA analysis, changed the min recirculation water vol limit to 43,000 cubic ft (321,700 gal). RWSP water volume changed to 79,920	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		No. UAP-HF-12135 (06/01/2012). ADAMS Accession Number: ML12221A274	cubic ft (597,800 gal).		
B 3.6.6 BACKGROUND, APPLICABLE SAFETY ANALYSES, LCO SR 3.6.6.2 SR 3.6.6.3 and SE 3.6.6.4	B 3.6.6-1 through B 3.6.6-3 B 3.6.6-5 B 3.6.6-6	Consistency with DCD Reflect response to RAI No. 986 MHI Letter No. UAP-HF-13104 (04/25/2013). ADAMS Accession Number: ML13119A164	Containment spray pump changed to CS/RHR pump. Discussion of the Safeguards Component Area HVAC System is added to background.	0	CTS-01558
B 3.7.5 BACKGROUND	B 3.7.5-1	Consistency with DCD Reflect response to DCD RAI No. 986 MHI Letter No. UAP-HF-13104 Date 04/25/2013 ADAMS Accession Number ML:13119A164	Added discussion regarding the Emergency Feedwater Pump Area HVAC System.	0	CTS-01558
B 3.7.7 BACKGROUND	B 3.7.7-1	Editorial correction	Replaced "Containment Spray/Residual Heat Removal System" with	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
			“residual heat removal (RHR) system”.		
B 3.7.7 BACKGROUND	B 3.7.7-1	Editorial correction	The term “fuel storage pool” was replaced with “spent fuel pit”.	0	CTS-01558
B 3.7.7 BACKGROUND	B 3.7.7-1	Added discussion in accordance with DCD RAI 986-6979 response ADAMS Accession Number: ML13119A164	Added discussion regarding the Safety Related Component Area HVAC System.	0	CTS-01558
B 3.7.7 APPLICABLE SAFETY ANALYSES	B 3.7.7-2	Editorial correction	Replaced “CS/RHR” with “RHR”.	0	CTS-01558
B 3.7.7 SURVEILLANCE REQUIREMENTS SR 3.7.7.3	B 3.7.7-6	Editorial correction	Changed valve numbering for “NCS-AOV-57A/B” and “NCS-AOV-058A/B” to “NCS-AOV-057A/B” and “NCS-AOV-58A/B” respectively.	0	CTS-01558
B 3.7.8 BACKGROUND	B 3.7.8-1	Added discussion in accordance with DCD RAI 986-6979 response ADAMS Accession Number:	Added discussion regarding the Safety Related Component Area HVAC System.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		ML13119A164			
B 3.7.8 BACKGROUND	B 3.7.8-2	Editorial corrections	Replaced “containment spray/residual heat removal (CS/RHR)” with “residual heat removal (RHR) and replaced CS/RHR with RHR.	0	CTS-01558
B 3.7.9 BACKGROUND	B 3.7.9-1	Added discussion in accordance with DCD RAI 986-6979 response ADAMS Accession Number: ML13119A164	Add discussion regarding the Safety Related Component Area HVAC System.	0	CTS-01558
B 3.7.9 APPLICABLE SAFETY ANALYSES	B 3.7.9-2	Correction to criteria number	Revised “Criterion 3 of 10 CFR 50.36(d)(2)(ii)” to “Criterion 3 of 10 CFR 50.36(c)(2)(ii)”.	0	CTS-01558
B 3.7.9 LCO	B 3.7.9-2	Correction of UHS basin water volume and UHS heat load values to reflect design progress due to layout changes	Changed the minimum required UHS basin water level from “2,800,000” gallons to “2,850,000” gallons.	0	CTS-01558
B 3.7.9 SR 3.7.9.1	B 3.7.9-4	Correction of UHS basin water volume and UHS heat load values	Changed the UHS basin minimum required water level and usable water level from “2,800,000”	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		to reflect design progress due to layout changes	gallons to "2,850,000" gallons.		
B 3.7.10 BACKGROUND	B 3.7.10-3	Reflect response to DCD RAI No. 986 MHI Letter No. UAP-HF-13104 Date 04/25/2013 ADAMS Accession Number: ML13119A164	Changed the flow rate of a single train of MCREFS from less than or equal to "1200" to "600" cfm.	0	CTS-01558
B 3.7.10 BACKGROUND	B 3.7.10-3	Added discussion in accordance with DCD RAI 986-6979 response ADAMS Accession Number: ML13119A164	Added discussion regarding requirements for the MCRATCS train to be considered OPERABLE.	0	CTS-01558
B 3.7.10 BACKGROUND	B 3.7.10-3	Deleted paragraph in accordance with DCD RAI 986-6979 response ADAMS Accession Number : ML13119A164	Removed paragraph regarding the periodic surveillance pressurization tests.	0	CTS-01558
B 3.7.11 BACKGORUND	B 3.7.11-2	Added discussion in accordance with DCD RAI 986-6979 response ADAMS	Added discussion regarding the Safety Related Component Area HVAC System.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		Accession Number: ML13119A164			
B 3.7.12 B 3.7.13	B 3.7.12-1 B 3.7.12-2 B 3.7.13-1 B 3.7.13-2	Consistency with DCD	The term "fuel storage pit" was replaced with "spent fuel pit".	0	CTS-01558
B 3.8.1 SR 3.8.1.13	B 3.8.1-25	Consistency with DCD Rev. 4	Clarification of power factor for Class 1E GTG.	0	CTS-01558
B 3.8.1 SR 3.8.1.20	B 3.8.1-30	Consistency with DCD Rev. 4	RAI 962-6578 Revised surveillance Requirements to include GTG nozzle cleaning activity.	0	CTS-01558
B 3.8.4 BACKGROUND	B 3.8.4-3	Consistency with DCD Rev. 4	RAI 986-6979 Revised support function of the ECWS and the Class 1 E electrical room HVAC system.	0	CTS-01558
B 3.8.7 BACKGROUND	B 3.8.7-1	Consistency with DCD Rev. 4	RAI 986-6979 Revised to include the support function of the ECWS and the Class 1 E electrical room HVAC system.	0	CTS-01558
B 3.8.9 BACKGROUND	B 3.8.9-2	Consistency with DCD Rev. 4	RAI 986-6979 Revised to include the support function of the ECWS and the Class 1 E electrical room HVAC	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
			system.		
B 3.9.5 BACKGROUND	B 3.9.5-1	Reflect response to RAI No. 986 MHI Letter No. UAP-HF-13104 (04/25/2013). ADAMS Accession Number: ML13119A164	Discussion of the Safeguards Component Area HVAC System is added to background.	0	CTS-01558
B 3.9.5 LCO	B 3.9.5-3	Reflect response to DCD RAI No. 464 amended MHI Letter No. UAP-HF-12223 (08/06/2012) ADAMS Accession Number: ML12221A274	Management of gas voids is important to RHRS operability.	0	CTS-01558
B 3.9.5 LCO	B 3.9.5-3	Editorial	"CS/RHR" is changed to "RHR".	0	CTS-01558
B 3.9.5 SRVEILLANCE REQUIREMENTS SR 3.9.5.2	B 3.9.5-5 B 3.9.5-6	Reflect response to DCD RAI No. 464 amended MHI Letter No. UAP-HF-12223 (08/06/2012) ADAMS Accession Number:	SR 3.9.5.2 is added.		

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		ML12221A274			
B 3.9.6 Background	B 3.9.6-1	<p>Reflect response to DCD RAI No. 986 MHI Letter No. UAP-HF-13104 (04/25/2013). ADAMS Accession Number: ML13119A164</p> <p>Reflect amended Response to RAI No. DCD 669 MHI Letter No. UAP-HF-13129 (06/13/2013). ADAMS Accession Number: ML13168A003</p>	<p>Discussion of the Safeguards Component Area HVAC System is added to background.</p> <p>Discussion of having an additional source of injection water is added (PRA).</p>	0	CTS-01558
B 3.9.6 APPLICABLE SAFETY ANALYSES	B 3.9.6-2	<p>Reflect amended Response to RAI No. DCD 669 MHI Letter No. UAP-HF-13129 (06/13/2013). ADAMS Accession Number:</p>	<p>Added discussion of PRA insight of the need for having at least SI pump operable.</p>	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
		ML13168A003			
B 3.9.6 LCO	B 3.9.6-2	Reflect amended Response to RAI No. DCD 669 MHI Letter No. UAP-HF-13129 (06/13/2013). ADAMS Accession Number: ML13168A003	Added LCO regarding having at least one SI pump operable.	0	CTS-01558
B 3.9.6 LCO	B 3.9.6-3	Reflect response to RAI No. 464 amended MHI Letter No. UAPHF-12223 (08/06/2012) ADAMS Accession Number: ML12221A274 Consistency with DCD	Management of gas voids is important to RHRS operability. RHR pump or Containment spray pump changed to CS/RHR pump.	0	CTS-01558

Section	TS Rev 4 Page	Reason for change	Change Summary	TS Tracking Report	
				Rev. of T/R	Change ID No.
B 3.9.6 LCO	B 3.9.6-3	Editorial	Editorial changes made.	0	CTS-01558
B 3.9.6 ACTIONS D.1, D.2, D.3, and D.4	B 3.9.6-5	Reflect amended Response to RAI No. DCD 669 MHI Letter No. UAP-HF-13129 (06/13/2013). ADAMS Accession Number: ML13168A003	Added Action D. Added clarification of basis of RHR repair completion time.	0	CTS-01558
B 3.9.6 SR 3.9.6.4	B 3.9.6-6	Reflect response to RAI No. 464 amended MHI Letter No. UAPHF-12223 (08/06/2012) ADAMS Accession Number: ML12221A274	SR 3.9.6.4 is added.	0	CTS-01558
B 3.9.6 SR 3.9.6.5 through SR 3.9.6.8	B 3.9.6-7, B 3.9.6-8	Reflect amended Response to RAI No. DCD 669 MHI Letter No. UAP-HF-13129 (06/13/2013). ADAMS Accession Number: ML13168A003	SR 3.9.6.5 through SR 3.9.6.8 are added.	0	CTS-01558

**Comanche Peak Nuclear Power Plant, Units 3 & 4
COL Application**

Part 5

Emergency Plan

Revision 4

Change List

Part 5 Change List

Section	EP Rev. 4 page	Reason for change	Change Summary	EP Tracking Report	
				Rev. of EP T/R	Change ID
Definition	viii	Editorial Correction	Changed "Definition" to "Definitions".	0	CTS-01524
Definition	x	Editorial Correction	Changed "intimidates" to "intimidate". Added "this may include".	0	CTS-01524
Acronyms and Abbreviations	xiii	Addition of new acronym	Added "DCBE DeCordova Bend Estates".	0	CTS-01525
Acronyms and Abbreviations	xiv	Addition of new acronym	Added "HAB Hostile Action-Based".	0	CTS-01525
Acronyms and Abbreviations	xv	Addition of new acronym	Added "ORO Off-Site Response Organization".	0	CTS-01525

Section	EP Rev. 4 page	Reason for change	Change Summary	EP Tracking Report	
				Rev. of EP T/R	Change ID
I.A	I-2	Reflection of EP rule changes	Revised to acknowledge the need to establish a unified approach to emergency preparedness and consider the incident command concepts incorporated into the State and local emergency plans.	0	CTS-01526
I.C.1	I-3	Reflection of EP rule changes	Added NSIR/DPR-ISG-01, Interim Staff Guidance (ISG)-01, "Emergency Planning for Nuclear Power Plants," Revision 0 dated November 2011 as Reference 2.	0	CTS-01526
I.C.1	I-3	Reflection of EP rule changes	Changed the Reference number from 2 to 3.	0	CTS-01526
II.A.1	II-9	Consistency with Unit 1/2 Plan Rev. 37	Deleted "Tolar Volunteer Fire Department"	0	CTS-01527

Section	EP Rev. 4 page	Reason for change	Change Summary	EP Tracking Report	
				Rev. of EP T/R	Change ID
II.A.1	II-9	Reflection of EP rule changes	Changed from "DeCordova Bend Estates" to "Decordova Bend Estates (DCDE)/Acton".	0	CTS-01526
II.A.3	II-13	Reflection of EP rule changes	Revised to state that support during an HAB event is addressed in the Safeguards Contingencies Plan.	0	CTS-01526
II.B	II-15	Reflection of EP rule changes	Revised to include language that addresses timely performance of emergency response functions.	0	CTS-01526
II.B.5	II-20	Editorial Correction	Changed from "offsite" to "off-site".	0	CTS-01524
II.B.5	II-22	Consistency with Unit 1/2 Plan Rev. 37	Changed from "news conferences" to "press briefings".	0	CTS-01527

Section	EP Rev. 4 page	Reason for change	Change Summary	EP Tracking Report	
				Rev. of EP T/R	Change ID
II.C.2.b	II-35	Reflection of EP rule changes	Revised to acknowledge the need for Luminant advisers to be familiar with the ICS concepts, position titles and terminology used by OROs.	0	CTS-01526
II.C.5	II-35	Reflection of EP rule changes	Added Section II.C.5 to maintain consistency with this addition, although the Planning Standard (II.C.5) does not apply to the CPNPP Emergency Plan.	0	CTS-01526
II.C.6	II-35 II-36	Reflection of EP rule changes	Added Section II.C.6 to include language addressing the potential for hostile action events and established relations between Luminant and off-site response organizations to coordinate emergency response efforts.	0	CTS-01526
II.D	II-37	Response to RAI No. 258 Luminant Letter no. TXNB-12024 Date 7/16/2012	Revised the first sentence of the third paragraph in Section D of the CPNPP 3 and 4 Emergency Plan.	-	RCOL2_13.03-44

Section	EP Rev. 4 page	Reason for change	Change Summary	EP Tracking Report	
				Rev. of EP T/R	Change ID
II.D	II-37	Reflection of EP rule changes	Revised to include the 15-minute emergency declaration timeliness criteria.	0	CTS-01526
II.D.1	II-38 II-39	Editorial Correction	Changed from "offsite" to "off-site".	0	CTS-01524
II.E.1	II-41	Reflection of EP rule changes	Changed from "begin no later than" to "be made within".	0	CTS-01526
II.G.3	II-51	Consistency with Unit1/2 Plan Rev. 37	Changed from "news conferences" to "press briefings".	0	CTS-01527
II.G.4	II-51	Consistency with Unit1/2 Plan Rev. 37	Changed from "news conferences and media briefings" to "press briefings".	0	CTS-01527

Section	EP Rev. 4 page	Reason for change	Change Summary	EP Tracking Report	
				Rev. of EP T/R	Change ID
II.H	II-53	Reflection of EP rule changes	Revised to include language addressing the use of the EOF as the staging area for on-site ERO augmentation staff.	0	CTS-01526
II.H	II-53	Editorial Correction	Changed from "offsite" to "off-site".	0	CTS-01524
II.H	II-53	Reflection of EP rule changes	Revised to address the revisions to regulations regarding characteristics of alternate facilities.	0	CTS-01526
II.H.2	II-56	Reflection of EP rule changes	Changed from "provides the following functions" to "has functions and capabilities for".	0	CTS-01526
II.H.2	II-56	Reflection of EP rule changes	Revised to address the revisions to regulations and NUREG-0696.	0	CTS-01526

Section	EP Rev. 4 page	Reason for change	Change Summary	EP Tracking Report	
				Rev. of EP T/R	Change ID
II.H.2	II-57 II-58	Reflection of EP rule changes	Revised to address the revisions to regulations and NUREG-0696.	0	CTS-01526
II.J.5	II-70	Editorial Correction	Added missing space.	0	CTS-01524
II.J.5	II-70	Reflection of EP rule changes	Revised to address the new requirements to develop a range of protective actions to protect on-site personnel during hostile action events.	0	CTS-01526
II.J.7	II-72	Reflection of EP rule changes	Revised to indicate that the Evacuation Time Estimate (ETE) is used to inform the protective action decision-making process and any updated ETE will be submitted to the NRC at least 180 days before using it to form protective action recommendations and providing it to state and local governmental authorities for use in developing off-site protective action strategies.	0	CTS-01526

Section	EP Rev. 4 page	Reason for change	Change Summary	EP Tracking Report	
				Rev. of EP T/R	Change ID
II.J.8	II-73	Editorial Change	Deleted "Evaluation Time Estimate" because it was spelled out previously.	0	CTS-01524
II.J.8	II-73	Reflection of EP rule changes	Revised to indicate that the ETE is used to assist in the development of traffic management plans to support an evacuation and to address performance of an updated ETE after receipt of a license under 10 CFR Part 52.	0	CTS-01526
II.J.10	II-75	Reflection of EP rule changes	Revised to indicate that the ETE is used to inform the protective action decision-making process.	0	CTS-01526

Section	EP Rev. 4 page	Reason for change	Change Summary	EP Tracking Report	
				Rev. of EP T/R	Change ID
II.N.1.b	II-89 II-90	Reflection of EP rule changes	<p>Revised to remove conduct of post-exercise critiques because this was also previously addressed in N.4 and has now been consolidated in N.4.</p> <p>Revised to change the 6 year exercise cycle to an 8 year exercise cycle.</p> <p>Added new paragraphs addressing key skills necessary to be demonstrated during the 8-year cycle and that Luminant maintains records of exercises conducted.</p> <p>Added a new paragraph addressing when a remedial exercise may be required.</p> <p>Relocated the portion of Evaluation Criterion N.1.b regarding off-hours exercises to new Section N.1.c, applicable only to the licensee.</p>	0	CTS-01526

Section	EP Rev. 4 page	Reason for change	Change Summary	EP Tracking Report	
				Rev. of EP T/R	Change ID
II.N.1.c and d	II-91	Reflection of EP rule changes	<p>Changed existing Evaluation Criterion II.N.1.c, "Remedial Exercises" to II.N.1.d. , State and Local Participation in Ingestion Pathway Exercises."</p> <p>Added a paragraph addressing FEMA not requiring off-site agencies to participate in off-hours or unannounced exercises. Removed reference to Supplement 1 of NUREG-0654.</p> <p>Changed 6 year exercise cycle to 8 year exercise cycle.</p>	0	CTS-01526
II.N.2.f	II-94	Reflection of EP rule changes	<p>Added a new Section II.N.2.f to address a new paragraph of Subsection 4.3 of NUREG-0696 to address demonstration of the additional consolidated EOF functions described in Subsection 4.1 of NUREG-0696.</p>	0	CTS-01526

Section	EP Rev. 4 page	Reason for change	Change Summary	EP Tracking Report	
				Rev. of EP T/R	Change ID
II.P.4	II-101 II-102	Reflection of EP rule changes	<p>Updated to address the ETE Update following receipt of a license under 10 CFR Part 52, subsequent updates to the ETE (including those conducted following the decennial Census), and the performance of annual estimates of the permanent resident population in the Plume Exposure Pathway EPZ.</p> <p>Revised to include the On-Shift Staffing Analysis as part of the annual review of the emergency plan.</p>	0	CTS-01526
II.P.7	II-103	Reflection of EP rule changes	Revised to acknowledge the amended emergency plan change process guidance provided in Regulatory Guide 1.219, "Guidance on Making Changes to Emergency Plans for Nuclear Power Reactors," (RG 1.219).	0	CTS-01526

Section	EP Rev. 4 page	Reason for change	Change Summary	EP Tracking Report	
				Rev. of EP T/R	Change ID
III.A.	III-1	Reflection of EP rule changes	Added NSIR/DPR-ISG-01, Interim Staff Guidance (ISG)-01, "Emergency Planning for Nuclear Power Plants," Revision 0 dated November 2011 as Reference 2.	0	CTS-01526
III.A.	III-1	Reflection of EP rule changes	Deleted Reference 3 and identified R.G. 1.101 as new Reference 3.	0	CTS-01526
III.A.	III-2	Reflection of EP rule changes	Replaced NUREG-0654 with NUREG-CR-7002 as Reference 20.	0	CTS-01526
III.A.	III-2	Reflection of EP rule changes	Changed Reference 21 from RIS 2005-02 to RG 1.219.	0	CTS-01526

Section	EP Rev. 4 page	Reason for change	Change Summary	EP Tracking Report	
				Rev. of EP T/R	Change ID
Appendix 1	A1-1 through A1-14	Response to RAI No. 258 Luminant Letter no.TXNB-12024 Date 7/16/2012	Revised Appendix 1 of the Emergency Plan, EAL Differences and Deviations from NEI Guidance Table and added associated supplement.	-	RCOL2_13.03-43
Appendix 1	A1-1 through A1-14	Response to RAI No. 258 Luminant Letter no.TXNB-12024 Date 7/16/2012	Revised Appendix 1 of the Emergency Plan, EAL Differences and Deviations from NEI Guidance Table and added associated supplement.	-	RCOL2_13.03-45
Appendix 2 II	A2-1	Editorial Correction	Changed from "offsite" to "off-site".	0	CTS-01524
Appendix 2 III	A2-2	Editorial Correction	Changed from "offsite" to "off-site".	0	CTS-01524
Appendix 3 II	A3-1	Reflection of EP rule changes	Moved the last sentence of the first paragraph to Section IV.A.	0	CTS-01526

Section	EP Rev. 4 page	Reason for change	Change Summary	EP Tracking Report	
				Rev. of EP T/R	Change ID
Appendix 3 III	A3-2	Reflection of EP rule changes	Inserted a new Section III.D to indicate that the State of Texas and Somervell and Hood Counties' Plans describe the backup means of alerting and notifying the public.	0	CTS-01526
Appendix 3 IV.A	A3-4	Reflection of EP rule changes	Moved the last sentence of the first paragraph of Section II to Section IV.A.	0	CTS-01526
Appendix 8 Table A8-2 (Sheet 19 of 22)	A8-20	Reflection of EP rule changes	Revised to include new NUREG-0654 Evaluation Criteria II.N.1.c and II.N.1.d.	0	CTS-01526
Appendix 8 Table A8-2 (Sheet 20 of 22)	A8-21	Reflection of EP rule changes	Revised to include additional references for the State of Texas, Somervell County and Hood County for Evaluation Criterion II.N.4.	0	CTS-01526
Appendix 8 Table A8-3	A8-24	Reflection of EP rule changes	Revised to address additional guidance added to Appendix 3 of NUREG-0654.	0	CTS-01526

**Comanche Peak Nuclear Power Plant, Units 3 & 4
COL Application**

Part 10

ITAAC and Proposed License Conditions

Revision 4

Change List

ITAAC Change List

Section	ITAAC Rev.4 Page *	Reason for change	Change Summary	ITTAC Tracking Report	
				Rev. of T/R	Change ID No.
2	2	Reflection of updated status of proposed license condition development	The 1 st , 3 rd and 4 th sentences of the section were deleted.	3	CTS-01533
2.6 2.7 3	3 8	Reflection of Fukushima-related RCOLA Part 2 Revision 3 UTR revision 2	Section 2.7 was added. Intent of the paragraph 3 in Section 2.6 was absorbed in the new Section 2.7. Item 2.D(15) was added to Section 3.	3	CTS-01533
2.6	3	Reflection of EP rule change	Added discussion of new License Condition for a detailed shift staffing analysis.	2	CTS-01526
3	7	Response to RAI No. 261 Luminant Letter no.TXNB-12027 Date 7/24/2012	Added a proposed license condition.	-	RCOL2_01.05-3
3	5, 6	Consistency in description of RCOLA RAI number	Description of RAI numbers in Sources for item 2.D(11), 2.D(12) and 2.D(14) were revised.	3	CTS-01533
3	7	Reflection of EP rule change	Revised License Condition (v) to address the detailed on-shift staffing assessment performed pursuant to 10 CFR Part 50, Appendix E, Section IV.A.9.	2	CTS-01526

Section	ITAAC Rev.4 Page *	Reason for change	Change Summary	ITTAC Tracking Report	
				Rev. of T/R	Change ID No.
3	8	Response to RAI No. 262 Luminant Letter no.TXNB-12035 Date 9/26/2012	Revised the Proposed Licensing condition reflecting changes in COL 3.6(1) and 3.6(4).	-	RCOL2_03.06.01-1
Appendix A.1 A.1.1 Table A.1-1 (Sheet 1, 5, 6 ,9)	9, 11,12 13 17, 18, 19,21	Consistency with MUAP-DC020, Tier 1 (DCD Tier 1 Revision 4) dated 8/30/2013	Descriptions in Section A.1.1 and Table A.1-1 (ITAAC #1.b, 8, 9.a, 10.a, 11, 12) were revised. Table A.1-1 ITAAC #23 was added.	4	CTS-01550
Appendix A.1 A.1.1 Table A.1-1 (Sheet 3, 4, 8, 9) Table A.1-2 Table A.1-3	9, 10, 11,12 15,16, 20, 21, 22,23, 24	Editorial correction	Descriptions in Section A.1.1, Table A.1-1, Table A.1-2 and Table A.1-3 were revised.	4	CTS-01551
Appendix A.1 Table A.1-1 (Sheet 8 of 9)	11 20	Response to RAI No. 251 Luminant Letter no.TXNB-12016 Date 05/31/2012	Clarified that water hammer is prevented in the ESWS as well as the UHS, including testing of the as-built.	-	RCOL2_09.02.01-10
Appendix A.1 A.1.1 Table A.1-1 (Sheet 8 of 9)	12 20	Response to RAI No. 254 Luminant Letter no.TXNB-12022 Date 6/21/2012	Added ITAAC to address UHS fan qualification against tornado effects. Added ITAAC to address cooling tower spray nozzle size.	-	RCOL2_14.03.07-38

Section	ITAAC Rev.4 Page *	Reason for change	Change Summary	ITTAC Tracking Report	
				Rev. of T/R	Change ID No.
Appendix A.1 A.1.1 Table A.1-1 (Sheet 9 of 9)	12 21	Supplemental 01 Response to RAI No. 56 Luminant Letter no.TXNB-12025 Date 7/16/2012	An additional ITAAC (#21) was added to Table A.1-1 to verify the "design" of ASME Section III Piping and Components.	-	RCOL2_14.03.03-1 S01
Appendix A.1 A.1.1 Table A.1-1 (Sheet 8 of 9) Appendix A.3 A.3.1 A.3.1.1	12 20 36 37	Response to RAI No. 250 Luminant Letter no.TXNB-12032 Date 9/14/2012	Revised to incorporate RG 1.221.	-	RCOL2_03.03.02-9
Appendix A.1 Table A.1-1 (Sheet 8 of 9)	20	Editorial correction	In ITAAC item 20, Acceptance Criteria, "nozzles" change to "nozzle" and "orifices" changed to "orifice"	-	-
Appendix A.1 A.1.1	12	2 nd Supplemental Response to RAI No. 56 Luminant Letter no.TXNB-13006 Date 03/04/2013	The single design commitment for piping system and components was divided into two, one for piping system and the other for components.	-	RCOL2_14.03.03-1 S02
Appendix A.1 Table A.1-1 (Sheet 9 of 9)	21	2 nd Supplemental Response to RAI No. 56 Luminant Letter no.TXNB-13006 Date	The DC, ITA and AC of the ITAAC for piping system and components were divided into two, one for piping system and the other for components.	-	RCOL2_14.03.03-1 S02

Section	ITAAC Rev.4 Page *	Reason for change	Change Summary	ITTAC Tracking Report	
				Rev. of T/R	Change ID No.
		03/04/2013			
Appendix A.1 Table A.1-2	22	Error correction	"CWS" was changed to "ESWS" in the equipment name of the last row.	-	-
Appendix A.1 Table A.1-3	24	Error correction	"CWS" was changed to "ESWS" in the equipment name of the 2nd row from bottom.	-	-
Figure A.1-1	25	Supplemental Response to RAI No. 254 Luminant Letter no.TXNB-12034 Date 09/24/2012	The figure is revised to show the newly introduced drain lines for freeze protection.	-	RCOL2_14.0 3.07-38 S01
Appendix A.2 A.2.1 Table A.2-1 (Sheets 3 of 4)	27 30,31	Response to RAI No. 273 Luminant Letter no.TXNB-13012 Date 4/16/2013	Add the description of UHS ESW pump house air intakes and outlets are protected from tornado and hurricane missiles. Table A.2-1, item 5.c was revised. Table A.2-1, item 8 was added.	-	RCOL2_14.03.07-39

Section	ITAAC Rev.4 Page *	Reason for change	Change Summary	ITTAC Tracking Report	
				Rev. of T/R	Change ID No.
Appendix A.2 A.2.1 Table A.2-1(Sheet 1,2,3 of 4)	26 28,29, 30	Consistency with MUAP-DC020, Tier 1 (DCD Tier 1 Revision 4) dated 8/30/2013	Descriptions in Section A.2.1 and Table A.2-1 (ITAAC #1.b, 4, 5.a, 6, 7) were revised.	4	CTS-01550
Appendix A.2 A.2.1 Table A.2-1 (Sheet 1, 2) Table A.2-2	26 28,29 32,33	Editorial correction	Descriptions in Section A.2.1, Table A.2-1 and Table A.2-2 were revised.	4	CTS-01551
Appendix A.2 Table A.2-1 ITAAC 1.b	28	NRC reviewer comment from a view point of consistency with S-COLA	Added “, considering postulated dynamic effects (i.e., missile and pipe break hazard), internal flooding and fire” to the last sentence of the Acceptance Criteria.	0	CTS-01504
Appendix A.2 Table A.2-1 ITAAC 3.b	29	NRC reviewer comment from a view point of consistency with S-COLA	The last word in the Design Commitment, “cable”, changed to “cables”	0	CTS-01504
Appendix A.2 Table A.2-1 ITAAC 3.b	29	NRC reviewer comment from a view point of consistency with S-COLA	Wording in the Acceptance Criteria after “RG 1.75” changed to: “, between the as-built cables of redundant UHS ESW pump house ventilation systems Class 1E divisions”	0	CTS-01504

Section	ITAAC Rev.4 Page *	Reason for change	Change Summary	ITTAC Tracking Report	
				Rev. of T/R	Change ID No.
Appendix A.2 Table A.2-1 ITAAC 5.a	29	NRC reviewer comment from a view point of consistency with S-COLA	Deleted "exist" and "to" from the Acceptance Criteria.	0	CTS-01504
Appendix A.2 Table A.2-1 ITAAC 6	30	NRC reviewer comment from a view point of consistency with S-COLA	Deleted "of the parameters" from the Design Commitment.	0	CTS-01504
Table A.2-2 (Sheet 1 of 2)	32	Supplemental Response to RAI No. 254 Luminant Letter no.TXNB-12034 Date 09/24/2012	Following SSCs for freeze protection are added to the table. - ESW piping room unit heaters - UHS transfer piping room unit heaters	-	RCOL2_14.0 3.07-38 S01
Table A.2-3	34	Supplemental Response to RAI No. 254 Luminant Letter no.TXNB-12034 Date 09/24/2012	Alarms, displays and control functions of the following SSCs are added to the table. - ESW piping room unit heaters - UHS transfer piping room unit heaters	-	RCOL2_14.0 3.07-38 S01
Figure A.2-1	35	Supplemental Response to RAI No. 254 Luminant Letter no.TXNB-12034 Date 09/24/2012	The figure is revised to add newly introduced dampers.	-	RCOL2_14.0 3.07-38 S01
Appendix A.2 Figure A.2-1	35	NRC reviewer comment from a view point of consistency	Revised the figure to add a backdraft damper at each room inlet/outlet duct.	0	CTS-01504

Section	ITAAC Rev.4 Page *	Reason for change	Change Summary	ITTAC Tracking Report	
				Rev. of T/R	Change ID No.
		with S-COLA			
Appendix A.3, A.3.1	36, 37, 38, 41	To reflect updates on the Technical Report MUAP-10006(Rev3)	The term "R/B complex" is used to collectively PCCV, PS/Bs, and A/Bs.	1	CTS-01511
Appendix A.3 A.3.1 A.3.1.1 A.3.1.3 Table A.3-1 (sheet 1,2, 3, of 3) Table A.3-2(Sheet 2 of 4)	36,37, 38 39,40, 41 43	Editorial correction	Descriptions in Section A.3.1, A.3.1.1, A.3.1.3, Table A.3-1 and Table A.3-2 were revised.	4	CTS-01551
Appendix A.3 A.3.1 A.3.1.1 Table A.3-2(sheet 2 of 4)	36,37 43	Reflect FSAR Chapter 3 changes to be submitted in RCOLA FSAR Rev3 UTR 3 on or before 10/14/2013.	Descriptions in Section A.3.1, A.3.1.1 and in Table A.3-2 were revised to introduce design description of UHS ESWPT and to replace "pipe chase in UHSRS" with "UHS ESWPT."	4	CTS-01552
Appendix A.3 A.3.1.3 Table A.3-1(Sheet 1, 3 of 3) Table A.3-2 (Sheet 1,	37, 38, 39, 41 42,43,	Consistency with MUAP-DC020, Tier 1 (DCD Tier 1 Revision 4) dated 8/30/2013	Descriptions in Section A.3.1 and Table A.3-1 (ITAAC #1) and in Table A.3-2 (header and note) were revised. Table A.3-1 ITAAC #12 was added.	4	CTS-01550

Section	ITAAC Rev.4 Page *	Reason for change	Change Summary	ITTAC Tracking Report	
				Rev. of T/R	Change ID No.
2, 3 of 4)	44,45				
Appendix A3 Table A3-2 (sheet 1, 2, 3,4 of 4)	42,43, 44,45	To reflect changes in Plot Plan and AIA.	Floor elevations and wall thicknesses revised.	1	CTS-01512
Appendix A.3 Table A.3-2	45	Editorial correction	Description was revised at 2nd row from the bottom in Sheet 4 of 4 of the table by deleting the word "From".	-	-
Appendix A.3 Figure A.3-1 [Sheet 1 and 2 of 2]	46,47	To reflect changes in Plot plan	Overall General Arrangement plan replaced with the updated version; and minor editorial correction.	1	CTS-01512
Appendix A.4 Table A.4-1 (Sheet 2 of 2)	51	Consistency with MUAP-DC020, Tier 1 (DCD Tier 1 Revision 4) dated 8/30/2013	Description in Table A.4-2 (ITAAC #7) was revised.	4	CTS-01550
Appendix A.5 Table A.5-2	52	Consistency with MUAP-DC020, Tier 1 (DCD Tier 1 Revision 4) dated 8/30/2013	Description in Table A.5-2 header was revised.	4	CTS-01550

Section	ITAAC Rev.4 Page *	Reason for change	Change Summary	ITTAC Tracking Report	
				Rev. of T/R	Change ID No.
Appendix A.7 A.7.1 A.7.2 Table A.7-1	54 55	Response to RAI No. 262 Luminant Letter no.TXNB-12035 Date 9/26/2012	Revised the Design Description and ITAAC reflecting changes in COL 3.6(1) and 3.6(4).	-	RCOL2_03.06.01-1
Appendix A.7 A.7.1 Table A.7-1	54 55	Consistency with MUAP-DC020, Tier 1 (DCD Tier 1 Revision 4) dated 8/30/2013	Description was added to Section A.7.1. ITAAC #2 was added to Table A.7-1.	4	CTS-01550
Appendix A.7 Section A.7.2	54	Editorial correction	Description was revised in the section by changing	-	-