

PMVogtleCOLPEm Resource

From: Joshi, Ravindra
Sent: Tuesday, August 18, 2009 6:39 AM
To: VogtleCOL Resource
Subject: FW: Vogtle Unit 3 and 4 Combined License Application Revision 1 Roadmap
Attachments: ND-09-1249 COLA Rev 1 Roadmap.pdf

-----Original Message-----

From: Sweeney, Brian J. [mailto:X2SWEENE@southernco.com]
Sent: Monday, August 17, 2009 3:34 PM
To: Lloyd, Dale M.; Pierce, Chuck R.; Ajluni, Mark J.; Sparkman, Wesley A.; Joshi, Ravindra; Hughes, Brian; Simms, Tanya; Anderson, Brian; Comar, Manny; Notich, Mark; michael.cain@nrc.gov; Harper, Oscar C.; Prunty, Robert; Patterson, Karen; john.oddo@shawgrp.com; daniel.shutt@shawgrp.com; siskrb@westinghouse.com; bradleysa@westinghouse.com; Whiteman, Jesse L.; mike.price@opc.com; Jackson, S. (MEAG); Cope, D. (Dalton Utilities)
Subject: Vogtle Unit 3 and 4 Combined License Application Revision 1 Roadmap

Attached is the submittal letter for the 'roadmap' to Revision 1 of the Vogtle 3 and 4 Combined Licensing Application.

Brian Sweeney
Southern Nuclear

<<ND-09-1249 COLA Rev 1 Roadmap.pdf>>

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Southern Nuclear
Operating Company, Inc.
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ND-09-1249

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

Southern Nuclear Operating Company
Vogtle Electric Generating Plant Units 3 and 4 Combined License Application
Revision 1 Roadmap

Ladies and Gentlemen:

By letter dated March 28, 2008, Southern Nuclear Operating Company (SNC) submitted an application for combined licenses (COLs) for proposed Vogtle Electric Generating Plant (VEGP) Units 3 and 4 to the U.S. Nuclear Regulatory Commission (NRC) for two Westinghouse AP1000 reactor plants, in accordance with 10 CFR Part 52. By letter dated May 22, 2009, SNC submitted an update (i.e., Revision 1) to the VEGP Units 3 and 4 COL Application. Enclosed is a 'roadmap' of changes included in the Revision 1 update, along with an explanation of the information contained in the roadmap.

If you have any questions regarding this letter, please contact Mr. Wes Sparkman at (205) 992-5061.

Respectfully submitted,

SOUTHERN NUCLEAR OPERATING COMPANY

A handwritten signature in black ink, appearing to read "Michael K. Smith".

Michael K. Smith
Nuclear Development Technical Support Director

MKS/BJS/dmw

Enclosure: VEGP Units 3 and 4 COL Application Revision 1 Roadmap

cc: Southern Nuclear Operating Company

Mr. J. H. Miller, III, President and CEO (w/o enclosure)
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Mr. J. A. Miller, Executive Vice President, Nuclear Development (w/o enclosure)
Mr. D. H. Jones, Site Vice President, Vogtle 3 & 4 (w/o enclosure)
Mr. T. E. Tynan, Vice President - Vogtle (w/o enclosure)
Mr. D. M. Lloyd, Vogtle 3 & 4 Project Support Director
Mr. C. R. Pierce, AP1000 Licensing Manager
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Mr. W. A. Sparkman, COL Project Engineer
Document Services RTYPE: AR01.1053
File AR.01.02.06

Nuclear Regulatory Commission

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Mr. M. D. Notich, Environmental Project Manager
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Georgia Power Company

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Oglethorpe Power Corporation

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Mr. N. C. Boyter, Consortium Project Director Vogtle Units 3 & 4 (w/o enclosure)

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Southern Nuclear Operating Company

ND-09-1249

Enclosure

VEGP Units 3 and 4 COL Application

Revision 1 Roadmap

VEGP Units 3 & 4 COL Application Revision 1 Roadmap

Format Explanation (by columns)

- Change ID # [unique identifier for tracking purposes]
- COLA Part A [Part 1 (Pt 01) through 11 (Pt 11)]
- COLA Chapter A [e.g., FSAR 01 to FSAR 19] {generally used only for Part 2}
- Section / Page A [page numbers (if identified) are specific to document to be Revised, i.e., Rev 0]
- Change Summary [Short description of change...]
- Basis for Change [the Source of the change...]

NuStart's COLA Tracking Management (CTM) : COLA Changes

VEGP Units 3 and 4 COLA Rev1 Roadmap

AUG-14-2009 6:06 PM

VEGP Units 3 and 4 COLA Rev1 Roadmap					
Vogtle is 1 AND ...					
Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
Pt 01			27 COLA Changes		
5372	Pt 01		00-TOC	Revise the TOC for Appendix 1B to state "Deleted."	Appendix B was deleted from Part 1. Financial Statements for MEAG are provided by a web site as described within Part 1.
5050	Pt 01		00. List of Acronyms /pg ii	Add "DOE U.S. Department of Energy" to the List of Acronyms	New text requested by a co-owner specifies the term "DOE".
2290	Pt 01		01.01.01 / 1-01	Identify that agreements with GPC, VEGP Co-owners, and the Shaw Group have been entered into for VEGP Units 3 & 4 in the first COLA revision.	Commitment made in SNC letter ND-08-1929, dated December 23, 2008.
5051	Pt 01		01.01.02 / 1-04		Text change requested by Oglethorpe Power.
2506	Pt 01		01.01.03 / 1-05	Revise section 1.1.3 Organization and Management to incorporate executive management changes into affected COLA organization descriptions.	Commitment made in SNC submittal letter NL-08-1402, dated September 10, 2008.
5370	Pt 01		01.01.03 / 1-06	In COLA Part 1, revise the "SNC Principal Officers" table in Subsection 1.1.3 to indicate that Buzz Miller is an executive VP, Paula Marino is the Engineering VP and David Jones is the new Site VP - Vogtle 3 & 4.	Update table to reflect current organization.
5052	Pt 01		01.01.03 / 1-07	Update of GPC directors and officers	Requested update of officers from co-owner.
5053	Pt 01		01.01.03 / 1-09	Update OPC Directors and Principal Officers	Requested by co-owner.
4645	Pt 01		01.01.03 / 1-13	Revise MEAG Power Principal Officer Listing	Email notification from Cofield Widner (GPC) to Chuck Pierce dated 02/23/09.
5054	Pt 01		01.01.03 / 1-15	Update Dalton Board of Water, Light and Sinking Fund Commissioners table	Request from co-owner
2693	Pt 01		01.01.04 / 1-16	Revise text of last sentence from Throughout this application, the "referenced DCD" is the AP1000 DCD submitted by Westinghouse as Revision 16, including any supplemental material as identified in Reference 2. To Throughout this application, the "referenced DCD" is the AP1000 DCD submitted by Westinghouse as Revision 17.	WEC DCD Rev 17 conformance
4873	Pt 01		01.01.04 / 1-16	Revise ESPA Incorporated By Reference to Rev. 5	Commitment made in SNC letter ND-08-1930.
5055	Pt 01		01.01.04 / 1-16	Delete "The" at the start of the third paragraph and change "new VEGP nuclear power plants" to read "New VEGP Units 3 and 4"	Reader clarity
5056	Pt 01		01.01.04 / 1-17	Update scheduled date for completion of construction activities	Corrects dates that originally assumed construction was complete at fuel load.
5057	Pt 01		01.01.04 / 1-18	In the final sentence of Subsection 1.1.4, add the word "associated" directly before the term "LWA."	Editorial clarification
2543	Pt 01		01.03 / 1-19	For COLA Part 1, Section 1.3, revise future tense verbs describing contractual	ESP/COL Action Item 472

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				arrangements to past tense verbs.	
5058	Pt 01		01.03 / 1-20	In the final sentence of the second bulleted paragraph under Southern Nuclear Operating Company, Inc (Non-Owner Applicant), change ". . . will not be finally determined until late 2008" to ". . . is specified in Subsection 1.1.1."	Updates text to specify that co-owner percentage ownership of the new units is identified in Part 1 Subsection 1.1.1.
5059	Pt 01		01.03 / 1-22	Under bulleted heading "Georgia Power Company (Owner)" in Section 1.3, eighth paragraph, second sentence, change "2007" to "2008."	Update specified 10-K Report year to 2008.
5061	Pt 01		01.03 / 1-22	Under bulleted heading "Georgia Power Company (Owner)", replace ninth paragraph with "GPC obtained approval of the facility from Georgia Public Service Commission on March 17, 2009, certifying the cost to construct VEGP Units 3 and 4."	GA PSC approval of VEGP 3 & 4
5062	Pt 01		01.03 / 1-23	Under bulleted heading "Oglethorpe Power Corporation (Owner)" in Section 1.3, fifth paragraph, final sentence, add the word "also" directly following "OPC."	Editorial clarity.
5064	Pt 01		01.03 / 1-24	1) Under bulleted heading "Oglethorpe Power Corporation (Owner)" in Section 1.3, ninth paragraph, change the third sentence to state "Each Member has chosen to participate in VEGP Units 3 and 4 and have subscribed to percentage capacity responsibilities aggregating 100 percent of the costs associated with OPC's ownership interest. 2) Under bulleted heading "Oglethorpe Power Corporation (Owner)" in Section 1.3, eleventh paragraph, second sentence, change ". . . and is seeking loan funds pursuant to the loan programs of the Rural Utilities Service." to state ". . . and has sought loan funds pursuant to the loan programs of the Rural Utilities Service. OPC has also applied for DOE loan Guarantee pursuant to the Energy Policy Act of 2005."	Requested text change from co-owner.
5065	Pt 01		01.03 / 1-25	Deletion of MEAG's financial statements in Appendix 1B and reference the MEAG website.	MEAG's financial statements were not available on the MEAG website at the time of COLA Rev. 0 submittal. Therefore, hard copies of the financial statement were provided for MEAG. MEAG's website now has the financial website and Part 1 revised to reference the website similar to GPC.
5066	Pt 01		01.03 / 1-26	In the bulleted heading "City of Dalton (owner) in Section 1.3, make the following revision: (1) In the fourth paragraph, change numerical values "\$171 million" and "\$9.5 million" to "\$167 million" and "\$6.9 million," respectively. (2) In the fifth paragraph, change numerical values "\$890 million" and "\$71 million" to "\$860 million" and "\$55 million," respectively.	Requested change from co-owner.
2695	Pt 01		01.07	Update Reference 1.7-1 to ESP Application Revision 5 Update Reference 1.7-2 to DCD Revision 17 Delete Reference 1.7-3 to remove APP-GW-GLR-134 (TR-134)	Updated to refer to the current revision of the Vogtle Units 3 and 4 Early Site Permit Application, Revision 5 per commitment made in SNC letter ND-08-1930 , and WEC DCD Rev 17 conformance.
5071	Pt 01		Appx 1A	On the Appendix 1A coversheet, change ". . . and is provided under separate cover (Reference SNC letter AR-08-0436, dated March 28, 2008)" to ". . . and was provided with Revision 0 of the COL application under separate cover (Reference SNC letter AR-08-0436, dated March 28, 2008)"	Editorial clarification to specify past tense submittal of estimated construction cost for VEGP 3 & 4.
5371	Pt 01		Appx 1B	Deletion of MEAG's financial statements in Appendix 1B and reference the MEAG website.	MEAG's financial statements were not available on the MEAG website at the time of COLA Rev. 0 submittal. Therefore, hard copies of the financial statement were provided for MEAG. MEAG's website now has the financial website and Part 1 revised to reference the website similar to GPC.

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
5074	Pt 01		Appx 1D	Delete Reference 1D-3 in its entirety.	Reference 1D-3 is not referenced in Appendix 1D text.
Pt 02			286 COLA Changes		
2696	Pt 02	FSAR 01	01.01	Reflect incorporation by reference of DCD Rev 17 rather than Rev 16	WEC DCD Rev 17 conforming change
5296	Pt 02	FSAR 01	01.01.05	Delete the last part of the last sentence that reads: "and when a positive decision has been made to construct the plant."	Update FSAR to reflect the decision that VEGP Units 3 and 4 will be constructed.
5298	Pt 02	FSAR 01	01.01.F / F1.1-202	Revise Site Layout, FSAR Figure 1.1-202, to show the most current information based on site specific design finalization and conformance with DCD Rev 17. Revised layout should include an LMA of VEGP ESP VAR1.2-1 because this figure is different that the similar figures provided in the ESP application.	Provide the most up-to-date information regarding the site layout, based on site specific design finalization and to conform with DCD Revision 17.
2698	Pt 02	FSAR 01	01.01.T / T1.1-201 Sh01	COLA Part 2, FSAR, Chapter 1, Table 1.1-201 Delete Acronym "COL Combined License"	WEC DCD Rev 17 conforming change - this acronym now in DCD
2699	Pt 02	FSAR 01	01.01.T / T1.1-201 Sh05	1. COLA Part 2, FSAR, Chapter 1, Table 1.1-201 will be revised to include a new listing for an Acronym Used in the FSAR to read: TS Technical Specification(s)	RAI LTR 071 response to RAI 01-07 item 1
5297	Pt 02	FSAR 01	01.01.T / T1.1-202 Sh02	Revise the Left Margin Annotation (LMA) from "STD SUP 1.1-5" to "STD SUP 1.1-3"	To be constant with the R-COLA for standard LMA designations.
2606	Pt 02	FSAR 01	01.02.02	Add LMAs of VEGP COL 3.3-1 and VEGP COL 3.5-1 to the wording of this section.	TR134, R5 item NRC258. Although the LMA for this information is site-specific, due to use of the plant name, the information is standard for all plants falling within the AP1000 typical site plan. Other sites should replace BLN with the site designation (e.g., WSL, VEGP, VCS, LNP, HAR)
5301	Pt 02	FSAR 01	01.02.03	Revise the 1st paragraph (locator sentence) to read as follows: "Add the following information at the end of the first paragraph of DCD Subsection 1.2.3."	To provide specific guidance on where the departure information should be located in the plant specific DCD.
2702	Pt 02	FSAR 01	01.02F / F1.2-201	Revise each page with a "withhold" header to read "withheld" per NRC request. No change bars are identified for this change.	NRC guidance - any page marked "withhold" will be withheld.
5302	Pt 02	FSAR 01	01.04.01	Revise FSAR Chapter 1, Section 1.4.1, to include the latest information regarding agents and contractors for VEGP Units 3 and 4.	Include new information based on execution of an Engineering, Procurement and Construction contract.
2289	Pt 02	FSAR 01	01.06 / and T1.6-201	Change revision for ESPA SSAR to Revision 5.	Commitment made in SNC letter ND-08-1930.
2607	Pt 02	FSAR 01	01.06.T / T1.6-201	Revise NEI 07-08 to Revision "3" with a Document Transmittal of "November 2008" and ADAMS No of "ML083380345"	NEI submittal of November, 2008 update of NEI 07-08
2608	Pt 02	FSAR 01	01.06.T / T1.6-201	Revise NEI 07-03 to Revision "5" with a Document Transmittal of "March 2008" and ADAMS No of "ML080860403"	NEI submittal of March 25, 2008 update of NEI 07-03
2610	Pt 02	FSAR 01	01.06.T / T1.6-201	Revise NEI 06-13A Revision to "1" and Document Transmittal to "March 2008" and ADAMS Accession Number to "ML080910051"	NEI Submittal of March 2008
2704	Pt 02	FSAR 01	01.06.T / T1.6-201	1. COLA Part 2, FSAR Chapter 1, Section 1.6, Table 1.6-201, will be revised to reflect NEI 06-13A Rev 1.	RAI LTR 081 update of NEI 06-13A
2705	Pt 02	FSAR 01	01.06.T / T1.6-201	1. COLA Part 2, FSAR. Chapter 1, Table 1.6-201 will be revised to reflect NEI 07-02A {superscripte}(a) , Rev 0, March 2008, ML080910149 a) NEI 07-02 Revision 3 is approved by the NRC. NEI 07-02A includes the approved	RAI LTR 121 update of NEI 07-02A

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				Revision 3, the NRC safety evaluation, and corresponding responses to the NRC Request for Additional Information. (note- includes changes made by Errata Report Rev 2)	
2707	Pt 02	FSAR 01	01.06.T / T1.6-201	Reflect incorporation by reference of DCD Rev 17 and remove IBR of TR134. Rev 17 - Transmittal Sept 2008 - ADAMS (TBD)	WEC DCD Rev 17 conforming change
2708	Pt 02	FSAR 01	01.06.T / T1.6-201	COLA Part 2, FSAR. Chapter 1, Table 1.6-201 is revised to remove the - in front of the -A for the footnote to be consistent with its use in the Table.	Editorial consistency change
5304	Pt 02	FSAR 01	01.06.T / T1.6-202	Revised COLA Part 2, FSAR. Chapter 1, Table 1.6-202, Sheets 1, 2 and 3 to include 3 new and 3 revised variances from ESP application, Revision 5, as described in COLA Part 7.	Update Cross Reference of ESPA SSAR to describe new and revised variances identified in COLA Part 7.
2243	Pt 02	FSAR 01	01.06.T / T1.6-201	Incorporate by Reference Rev. 17 to the DCD into the COLA.	RAI 15.00.03-1 Response - Commitment made in AR -08-1729. (VEGP RAI LTR 007)
5305	Pt 02	FSAR 01	01.08	Revised COLA Part 2, FSAR. Chapter 1, Section 1.8, VEGP SUP 1.8-3 by deleting the second paragraph. Also add a new VEGP SUP 1.8-5 that reads as follows: "Table 1.8-204 lists the ESP permit conditions and the corresponding locations that address these permit conditions."	Provide new cross reference to the location of ESP permit conditions in new Table 1.8-204.
5306	Pt 02	FSAR 01	01.08.T / T1.8-201	Revised COLA Part 2, FSAR. Chapter 1, Table 1.8-201, to delete VEGP DEP 3.4-1 completely. Also revise VEGP DEP 1.1-1 and 18.8-1 to list the section/subsection numbers in numerical order and correct section numbers resulting from the FSAR revision.	The departure for the waterproof membrane (VEGP DEP 3.4-1) was deleted because DCD Revision 17 now includes the alternate waterproofing system previously described in the ESP application. A departure from the DCD is no longer required. Also minor editorial changes to VEGP DEP 1.1-1 and 18.8-1 to reflect the correct cross reference section numbers.
2713	Pt 02	FSAR 01	01.08.T / T1.8-202 Sh11	COLA Part 2, FSAR Chapter 1, Table 1.8-202, will be revised to remove COL line item 6.3-2.	WEC DCD Rev 17 conforming change
2714	Pt 02	FSAR 01	01.08.T / T1.8-202 Sh13	COLA Part 2, FSAR Chapter 1, Table 1.8-202, will be revised to add a new line item: 9.1-7 Metamic Monitoring Program 9.1.6.7 9.1.6 H	WEC DCD Rev 17 conforming change
2715	Pt 02	FSAR 01	01.08.T / T1.8-202 Sh17	2. COLA Part 2, FSAR Chapter 1, Section 1.8, Table 1.8-202, will be revised to delete reference to Appendix 13BB.	TVA RAI LTR 081 response to RAI 13.02.01-01
2716	Pt 02	FSAR 01	01.08.T / T1.8-202 Sh18	2. COLA Part 2, FSAR Chapter 1, Table 1.8-202 will be revised to add the COL item 13.6-5, Cyber Security Program, 13.6.1, 13.6, 13.6.1, H.	RAI LTR 050 response to RAI 01-01 item 2
2717	Pt 02	FSAR 01	01.08.T / T1.8-202 Sh18	Add new line item in Part 2, Chapter 1, Table 1.8-202, to address new COL Holder item 14.4-3, Conduct of Test Program, 14.4.3, 14.4.3, H	WEC DCD Rev 17 conforming change
2718	Pt 02	FSAR 01	01.08.T / T1.8-202 Sh21	3. COLA Part 2, FSAR Chapter 1, Table 1.8-202, COL ITEM 19.59.10-4 for development of SAMG will be changed from COL APPLICANT (A) to COL HOLDER (H).	RAI LTR 083 response to RAI 19-03
5359	Pt 02	FSAR 01	01.08.T / T1.8-202 sht 14	In Table 1.8-202, change reference FSAR section for COL Item 13.3-2 from "13.3.1" to "13.3.6"	Correct FSAR Ch. 1 Editorial Errors per CR 2008100180 / AI 2008200483
5360	Pt 02	FSAR 01	01.08.T / T1.8-203	Add new line item in Part 2, Chapter 1, Table 1.8-203, to address ESP COL Action Item 2.4-1 Chelating Agents addressed in FSAR Section 11.2.2.1.6. Also delete cross references for ESP COL Action Items 13.3-1, 13.3-2 and 13.3-3.	Conforming changes for new section 11.2.2.1.6 added to FSAR Chapter 11 per commitment in SNC letter ND-09-0445 (VEGP RAI LTR 027), RAI 01-1. Also conforming changes to ESPA FSER Appendix A ESP COL Action Items.
5361	Pt 02	FSAR 01	01.08.T / T1.8-204	Add new Table 1.8-204 in Part 2, Chapter 1, to provide a cross reference between ESP Permit Conditions and COLA Rev 1 locations addressing them.	Conforming changes to ESPA FSER Appendix A ESP Permit Conditions

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
2719	Pt 02	FSAR 01	01.09.01.01	1. COLA Part 2, FSAR, Chapter 1, Subsection 1.9.1.1 will be revised to supplement the third sentence from: Any exceptions or alternatives to the provisions of the regulatory guides are identified and justification is provided. To read: Any exceptions or alternatives to the provisions of the regulatory guides are identified and justification is provided. One such general alternative is the use of previous revisions of the Regulatory Guide for design aspects as stated in the DCD in order to preserve the finality of the certified design. Stated conformance with the programmatic and/or operational aspects is only to the extent that a design change or departure from the approved DCD is not required to implement those programmatic and/or operational aspects.	RAI LTR 066 response to RAI 01-05 item 1
2720	Pt 02	FSAR 01	01.09.01.02	2. COLA Part 2, FSAR, Chapter 1, Subsection 1.9.1.2 will be revised to supplement the fourth sentence from: Any exceptions or alternatives to the provisions of the regulatory guides are identified and justification is provided. To read: Any exceptions or alternatives to the provisions of the regulatory guides are identified and justification is provided. One such general alternative is the use of previous revisions of the Regulatory Guide for design aspects as stated in the DCD in order to preserve the finality of the certified design. Stated conformance with the programmatic and/or operational aspects is only to the extent that a design change or departure from the approved DCD is not required to implement those programmatic and/or operational aspects.	RAI LTR 066 response to RAI 01-05 item 2
2721	Pt 02	FSAR 01	01.09.01.03	3. COLA Part 2, FSAR, Chapter 1, Subsection 1.9.1.3 will be revised to supplement the fourth sentence from: Any exceptions or alternatives to the provisions of the regulatory guides are identified and justification is provided. To read: Any exceptions or alternatives to the provisions of the regulatory guides are identified and justification is provided. One such general alternative is the use of previous revisions of the Regulatory Guide for design aspects as stated in the DCD in order to preserve the finality of the certified design. Stated conformance with the programmatic and/or operational aspects is only to the extent that a design change or departure from the approved DCD is not required to implement those programmatic and/or operational aspects.	RAI LTR 066 response to RAI 01-05 item 3
2722	Pt 02	FSAR 01	01.09.01.04	4. COLA Part 2, FSAR, Chapter 1, Subsection 1.9.1.4 will be revised to supplement the third sentence from: Any exceptions or alternatives to the provisions of the regulatory guides are identified and justification is provided. To read: Any exceptions or alternatives to the provisions of the regulatory guides are identified and justification is provided. One such general alternative is the use of previous revisions of the Regulatory Guide for design aspects as stated in the DCD in order to preserve the finality of the certified design. Stated conformance with the programmatic and/or operational aspects is only to the extent that a design change or departure from the approved DCD is not required to implement those programmatic and/or operational aspects.	RAI LTR 066 response to RAI 01-05 item 4
2724	Pt 02	FSAR 01	01.09.T / T1.9-201 RG 1.008	3. COLA Part 2, FSAR Chapter 1, Section 1.9, Table 1.9-201, will be revised to remove the FSAR reference to Appendix 13BB from the entries for Regulatory Guide 1.8.	RAI LTR 081 response to RAI 13.02.01-01, item 3
2617	Pt 02	FSAR 01	01.09.T / T1.9-201 RG 1.026	Add Cross References to Section 5.2.4.1 and 17.5 (QAPD IV) for Regulatory Guide 1.26.	Cross-reference was missed in construction of table.

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
2618	Pt 02	FSAR 01	01.09.T / T1.9-201 RG 1.060	Add Regulatory Guide 1.60, with a FSAR Chapter, Section, or Subsection of Table 2.0-201	Cross-reference was missed in construction of table.
2619	Pt 02	FSAR 01	01.09.T / T1.9-201 RG 1.076	For RG 1.76, add new FSAR Subsection listing of "Table 2.0-201" with an LMA of STD COL 1.9-1.	Inadvertent omission from Rev 0
2726	Pt 02	FSAR 01	01.09.T / T1.9-201 RG 1.078	Correct the "16 (TS Bases 3.7.8)" to read "16 (TS Bases 3.7.6)"	Correction for information added in response to RAI LTR 071
2727	Pt 02	FSAR 01	01.09.T / T1.9-201 RG 1.094	Correct the "July 1976" date to read "April 1976"	Correction for information provided in response to RAI LTR 071
2620	Pt 02	FSAR 01	01.09.T / T1.9-201 RG 1.110	Add RG 1.110 to table and identify FSAR sections 11.2.3.5.3 and 11.3.3.4.3	Conforming change per AP-STD-0283
2728	Pt 02	FSAR 01	01.09.T / T1.9-201 RG 1.112	Correct the Title of RG 1.112 from: Calculation of Releases of Radioactive Materials in Gaseous or Liquid Effluents from Light-Water-Cooled Power Reactors (Rev. 1, March 2007) To read: Calculation of Releases of Radioactive Materials in Gaseous and Liquid Effluents from Light-Water-Cooled Nuclear Power Reactors (Rev. 1, March 2007)	RG 1.112 Rev.1 title conformance
2730	Pt 02	FSAR 01	01.09.T / T1.9-201 RG 1.149	4. COLA Part 2, FSAR Chapter 1, Section 1.9, Table 1.9-201, will be revised to remove the FSAR reference to Appendix 13BB.2.1.3.4 from the entry for Regulatory Guide 1.149 and replace it with 13.2 (NEI 06-13A). (This Regulatory Guide entry and its FSAR reference were added to Table 1.9-201 by Errata Item AP-STD-075.)	RAI LTR 081 response to RAI 13.02.01-01, item 4
2731	Pt 02	FSAR 01	01.09.T / T1.9-201 RG 1.159	Correct the FSAR reference from "Table 8.1-201" to read "Not referenced; see Appendix 1AA"	Correction for information added in response to RAI LTR 071
2723	Pt 02	FSAR 01	01.09.T / T1.9-201 RG All	Revise COLA Part 2, FSAR, Chapter 1, Table 1.9-201 to include new or revised Regulatory Guide cross reference information as described in TVA response to RAI Letter 071 as modified by SNC Letter AR-08-1489, dated October 1, 2008.	RAI LTR 071 response to RAI 01-07 item 2 as modified by SNC Letter AR-08-1489, dated October 1, 2008.
5368	Pt 02	FSAR 01	01.09.T / T1.9-202 Sh26	COLA Part 2, FSAR Chapter 1, Section 1.9, Table 1.9-202, will be revised to add LMA of "VEGP SUP 1.9-2" adjacent to "17.1" and "STD SUP 1.9-1" adjacent to "17.2".	BLN RAI LTR 0155 response to RAI 17.05-12 item 1 revised the R-COLA standard entry for SRP 17.1 therefore Vogtle LMA is needed to distinguish that the entry is not standard for Vogtle Units 3 and 4. SRP 17.2 remains standard.
2631	Pt 02	FSAR 01	01.09.T / T1.9-204 Sh05	Add listing for "Generic Letter 89-08 Erosion/Corrosion-Induced Pipe Wall Thinning (5/89)" 10.1.3.1"	Inadvertent omission from Rev 0
5363	Pt 02	FSAR 01	01AA RG 1.152	COLA Part 2, FSAR Chapter 1, Appendix 1AA, conformance statement for Regulatory Guide 1.152 will be revised to reflect the latest revisions to the Security regulations To read: General Exception The Cyber Security Program is based on March 2009 revisions of the 10 CFR 73.54 regulations in lieu of Revision 2 of this Regulatory Guide.	Changes to address Security Regulation revisions
5365	Pt 02	FSAR 01	01AA RG 8.006	4. COLA Part 2, FSAR Chapter 1, Appendix 1AA, Revision 1, conformance statement for Regulatory Guide 8.6 will be revised to include justification for the identified exception.	RAI LTR 142 response to RAI 01-11, item 4.
2504	Pt 02	FSAR 01	01AA / RGs 1.28, 29, 76, 78, 112	Incorporate TVA's response to BLN RAI #01-05, with the clarifications noted in letter AR-08-1442, into FSAR Section 1.9 and Appendix 1AA.	Commitment made in 'not me-2' submittal letter AR-08-1442, dated September 18, 2008.
2550	Pt 02	FSAR 01	01AA and LOT	Correct FSAR Ch. 1 Editorial Errors	Correct FSAR Ch. 1 Editorial Errors per Condition Report 2008100180 / AI 2008200483
2737	Pt 02	FSAR 01	01AA RG 1.000	6. COLA Part 2, FSAR, Chapter 1, Appendix 1AA will be revised from the current wording to include numerous new or revised Regulatory Guide conformance statements.	RAI LTR 066 response to RAI 01-05 item 6 as amended by VEGP letter AR-08-1442.

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
2738	Pt 02	FSAR 01	01AA RG 1.021	4. COLA Part 2, FSAR. Chapter 1, Appendix 1AA, conformance with Regulatory Guide 1.21 Rev. 1, C.6 will be revised from: C.6 Exception ANSI N13.1-1999 is used. To read: C.6 Conforms	RAI LTR 043 response to RAI 11.05-01 item 4
2746	Pt 02	FSAR 01	01AA RG 1.161	5. COLA Part 2, FSAR, Chapter 1, Appendix 1AA will be revised to remove the conformance statement for Regulatory Guide 1.161 Rev. 0. As indicated in the DCD, this guidance is not applicable to the AP1000 design and the following will be deleted. Regulatory Guide 1.161, Rev. 0, 6/95 – Evaluation of Reactor Pressure Vessels with Charpy Upper-Shelf Energy Less Than 50 Ft-Lb. Conformance with the design aspects is as stated in the DCD. Conformance with Revision 0 of this Regulatory Guide for programmatic and/or operational aspects is documented below. General Conforms	RAI LTR 066 response to RAI 01-05 item 5
5367	Pt 02	FSAR 01	01AA RG 4.015	Revise conformance statement in Appendix 1AA for RG 4.15 compliance to include the following justification: Currently reads: ... Will be followed. To read: ... Will be followed as per the justification provided in FSAR Subsection 11.5.3.	Add justification per NRC verbal request.
2749	Pt 02	FSAR 01	01AA RG 8.006	2. COLA Part 2, FSAR. Chapter 1, Appendix 1AA, Regulatory Guide 8.6 will be revised To read: Reg. Guide 8.6, Rev. 0, 5/73 – Standard Test Procedure for Geiger-Muller Counters General Exception Instrument calibration program is based upon criteria in ANSI N323A-1997(with 2004 Correction Sheet) "Radiation Protection Instrumentation Test and Calibration, Portable Survey Instruments."	RAI LTR 109 response to RAI 12.03-12.04-05 item 2
2750	Pt 02	FSAR 01	01AA RG 8.028	COLA Part 2, FSAR. Chapter 1, Appendix 1AA will be revised To read: Reg. Guide 8.28, Rev. 0, 8/81 – Audible-Alarm Dosimeters General ANSI N13.27-1981 Conforms	RAI LTR 106 response to RAI 01-10
2751	Pt 02	FSAR 01	01AA RG Note	7. COLA Part 2, FSAR, Chapter 1, Appendix 1AA will be revised to include the following new note: Note – Above stated general alternatives regarding the use of previous revisions of the Regulatory Guide for design aspects as stated in the DCD is provided to preserve the finality of the certified design. Further, each stated conformance with the programmatic and/or operational aspects is only to the extent that a design change or departure from the approved DCD is not required to implement those programmatic and/or operational aspects.	RAI LTR 066 response to RAI 01-05 item 7
5366	Pt 02	FSAR 01	01B / Appendix 1B	COLA Part 2, FSAR Chapter 1, Appendix 1B, Severe Accident Mitigation Design Alternatives, will be revised to delete "Draft" in front of "Environmental Impact Statement".	The ESP Environmental Impact Statement has been finalized.
2134	Pt 02	FSAR 02	02.00.T / T2.0-201	Change the VEGP Site Characteristic values for the Maximum Normal and Minimum Normal Temperature values to be those of the 0.4-percent and 99.6-percent annual exceedance temperature values.	RAI 02.3.01-3 response commitment specified in SNC letter ar-08-1730, dated November 18, 2008. (VEGP RAI LTR 008)
2128	Pt 02	FSAR 02	02.00.T / T2.0-201 and 202	Revise COLA FSAR Tables 2.0-201 and 2.0-202 to incorporate the revised Site Parameter values based on DCD Table 2-1.	RAI 15.00.03-1 commitment made in submittal letter AR-08-1729, dated November 14, 2008. (VEGP RAI LTR 007)
2636	Pt 02	FSAR 02	02.00.T / T2.0-201 Sh01	Revise the air temperature parameters to read as follows: Maximum Safety 115°F dry bulb/86.1°F coincident wet bulb (h) 86.1°F wet bulb (noncoincident)	Change per TR134, Rev. 5, Item NRC 263 (Tier 1, Table 5.0-1) and 264 (Tier 2, Table 2-1)

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				Maximum Normal 101°F dry bulb/80.1°F coincident wet bulb	
2758	Pt 02	FSAR 02	02.00.T / T2.0-201 Sh02	Under the Soil category, revise the Average Allowable Static Bearing Capacity parameter to match the language in WEC DCD Rev 17.	WEC DCD Rev 17 conforming change
2759	Pt 02	FSAR 02	02.00.T / T2.0-201 Sh02	Under the Soil category, revise the Lateral Variability parameter to match the language in WEC DCD Rev 17.	WEC DCD Rev 17 conforming change
2757	Pt 02	FSAR 02	02.00.T / T2.0-201 Sh03	Under the Soil category, revise the Maximum Allowable Dynamic Bearing Capacity for Normal Plus SSE parameter to match the language in WEC DCD Rev 17.	WEC DCD Rev 17 conforming change
2760	Pt 02	FSAR 02	02.00.T / T2.0-201 Sh03	Revise Shear Wave Velocity AP1000 DCD Site Parameter to read: Greater than or equal to 1,000 ft/sec based on minimum low-strain soil properties over the footprint of the nuclear island at its excavation depth	WEC DCD Rev 17 conforming change
2643	Pt 02	FSAR 02	02.00.T / T2.0-201 Sh04	Under the Precipitation category, change the Rain parameter to read: "20.7 in./hr [1-hr 1-mi2 PMP]" Also delete VEGP site Characteristic for rain of "(6.2 in/5 minutes)".	Change per TR134, Rev. 5, Items NRC 265 (Tier 1, Table 5.0-1) and 266 (Tier 2, Table 2-1) and revise VEGP site characteristic accordingly to eliminate rainfall during 5 minute period.
2644	Pt 02	FSAR 02	02.00.T / T2.0-201 Sh06	Add a note (h) to the Notes at the end of the table to read: "The containment pressure response analysis is based on a conservative set of dry-bulb and wet-bulb temperatures. These results envelope any conditions where the dry-bulb temperature is 115°F or less and wet-bulb temperature of less than or equal to 86.1°F."	Change per TR134, Rev. 5, Item NRC 264 (Tier 2, Table 2-1)
2769	Pt 02	FSAR 02	02.00.T / T2.0-202	FSAR Table 2.0-202, revise header from "Control Room" to "Annex Building"	WEC DCD Rev 17 conforming change
2770	Pt 02	FSAR 02	02.00.T / T2.0-202 Sh01	COLA Part 2, FSAR Chapter 2, Section 2.0, Table 2.0-202, column headings (two) will be revised from: "Steam Vent" To read: "Steam Line Break Releases"	RAI LTR 012 response to RAI 06.04-01 item 1
2773	Pt 02	FSAR 02	02.00.T / T2.0-202 Sh02	FSAR Table 2.0-202, table header for HVAC Intake for the Ground Level Release Points is modified to include new note (h)	WEC DCD Rev 17 conforming change
5280	Pt 02	FSAR 02	02.02.03.02.03.02	Revise COLA Part 2, FSAR Section 2.2.3.2.3.2, "Other Chemical Hazards from Onsite Storage Tanks" to include a new LMA of "ESP VAR 2.2-1" and revise the 1st and 2nd paragraph.	RAI number 02.02.03-1 from VEGP RAI LTR 019 and BLN RAI LTR 137 response to 02.02.03-10, item 2. Provide additional details of site specific chemical evaluations which occurred after submittal of ESP application.
2546	Pt 02	FSAR 02	02.02.T / T2.2-201	Delete FSAR Table 2.2-201 based on SNC response to RAI 02.02.03-1 and BLN RAI LTR 137	RAI 02.02.03-1 - Commitment made in ND-09-0003, dated 1-09-09.(VEGP RAI LTR 019)
5275	Pt 02	FSAR 02	02.03.01.05	Change the VEGP Site Characteristic values for the Maximum Normal and Minimum Normal Temperature values to be those of the 0.4-percent and 99.6-percent annual exceedance temperature values.	RAI 02.3.01-3, item 2 response commitment specified in SNC letter ar-08-1730, dated November 18, 2008. (VEGP RAI LTR 008)
5281	Pt 02	FSAR 02	02.03.04	Revise FSAR Section 2.3.4, top of page 2.3-4, to change DCD Revision 16 to DCD Revision 17.	DCD Revision 17 conforming change.
5282	Pt 02	FSAR 02	02.03.05	Revise FSAR Section 2.3.5, 3rd paragraph, to change DCD Revision 16 to DCD Revision 17.	DCD Revision 17 conforming change.
2135	Pt 02	FSAR 02	02.03.05 / 2.3-8	Clarification of differences specified in COLA FSAR and ESPA SSAR for X/Q values for the EAB and the various receptor locations.	RAI # 02.03.05-2 response commitment made in SNC letter AR-08-1730, dated November 18, 2008. (VEGP RAI LTR 008)
5283	Pt 02	FSAR 02	02.04.02.03	Revise FSAR Section 2.4.2.3, 1st paragraph at the top of page 2.4-3, last sentence as follows:	Editorial correction

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				Change ".....along the critical flow through the basin....." To read ".....along the critical flow path through the basin....."	
4847	Pt 02	FSAR 02	02.04.02.03 / 2.4-3	Modify FSAR 2.4.2.3 to reflect addition of new FSAR Figure 2.4-201a.	RAI 02.04.02-1 - Commitment made in ND-09-0446, dated March 27, 2009. (VEGP RAI LTR 028)
5276	Pt 02	FSAR 02	02.04.12.03	Add new section 2.4.12, Groundwater, and subsection 2.4.12.3, Monitoring of Safeguard Requirements	Provide supplemental information in the COLA to address ESPA SSAR Subsection 2.4.12.3 and a commitment to address the results of a detailed evaluation in the COL application.
5277	Pt 02	FSAR 02	02.04.F./ F2.4-201 and 201a	Revised Figure 2.4-201 and add new Figure 2.4-201a.	RAI 02.04.02-1 - Commitment made in ND-09-0446, dated March 27, 2009. (VEGP RAI LTR 028)
4890	Pt 02	FSAR 02	02.05.04.10	Add new subsection 2.5.4.10.3, "Lateral Earth Pressure" in new section 2.4.5, "Stability of Subsurface Materials and Foundations" after new subsection 2.5.4.10, "Static Stability"	RAI 02.05.04-3 - Commitment made in Letter ND-09-0511, dated April 9, 2009.(VEGP RAI LTR 030)
2263	Pt 02	FSAR 02	02.05.07.13	Revise FSAR Subsection 2.5.7.13	RAI 02.05.04-2 - Commitment made in ND-08-1821. (VEGP RAI LTR 013)
5278	Pt 02	FSAR 02	02.05.08	Add new Reference Section 2.5.8 after subsection 2.5.7.16 and new References 201, 202 and 203 as follows: 2.5.8 References 201. Lambe, T.W. and R.V. Whitman, Soil Mechanics, John Wiley & Sons, Inc., New York, NY, 1969. 202. ASCE 4-98 (2000), Seismic Analysis of Safety-Related Nuclear Structures and Commentary, ASCE, Reston, VA, 2000. 203. Duncan, J.M., G.W. Williams, A.L. Sehn and R.B. Seed, "Closure of 'Estimation of Earth Pressures due to Compaction'", Journal of Geotechnical Engineering, ASCE, New York, NY, 119(7):1172-1177, July, 1993.	RAI 02.05.04-3 - Commitment made in Letter ND-09-0511, dated April 9, 2009.(VEGP RAI LTR 030)
5279	Pt 02	FSAR 02	02.05.F./ F 2.5-201 and 202	Add new Figures 2.5-201 and Figure 2.5-202 at the end of Chapter 2, Section 2.5	RAI 02.05.04-3 - Commitment made in Letter ND-09-0511, dated April 9, 2009.(VEGP RAI LTR 030)
2975	Pt 02	FSAR 03	03.02.01	COLA Part 2, FSAR Chapter 3, Subsection 3.2.1 will be revised to include the following additional statement: The nonsafety-related structures, systems, and components outside the scope of the DCD are classified as non-seismic (NS).	RAI LTR 104 response to RAI 03.02.01-01
2651	Pt 02	FSAR 03	03.03.01.01, 03.03.02.01, 03.03.02.03	Add LMA of BLN COL 3.5-1 to the wording of these section	TR134, R5 item NRC258. Although the LMA for this information is site-specific, due to use of the plant name, the information is standard for all plants falling within the AP1000 typical site plan. Other sites should replace BLN with the site designation (e.g., WSL, VEGP, VCS, LNP, HAR)
2652	Pt 02	FSAR 03	03.03.03	Add the following three paragraphs to the current text of Section 3.3.3: "Subsection 1.2.2 discusses differences between the plant specific site plan (see Figure 1.1-202) and the AP1000 typical site plan shown in DCD Figure 1.2-2. There are no other structures adjacent to the nuclear island other than as described and evaluated in the DCD. Missiles caused by external events separate from the tornado are addressed in Subsections 3.5.1.3, 3.5.1.5, and 3.5.1.6."	TR134, R5 item NRC258. Although the LMA for this information is site-specific, due to use of the plant name, the information is standard for all plants falling within the AP1000 typical site plan. Note that the referenced figure number is also site-specific.

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
5182	Pt 02	FSAR 03	03.04.01.01.01	COLA Part 2, FSAR Chapter 3, Delete subsection 3.4.1.1.1 Protection from External Flooding and the LMA of VEGP DEP 3.4-1	Conforming change to DCD Revision 17, which now includes the waterproofing method which was previously established in the ESP application. This departure is no longer required since the AP1000 DCD is now consistent with the ESP application.
2976	Pt 02	FSAR 03	03.05.01.03	COLA Part 2, FSAR Chapter 3, Section 3.5.1.3 (associated with STD SUP 3.5-1), will be revised To read: The potential for a turbine missile from another AP1000 plant in close proximity has been considered. As noted in DCD Subsection 10.2.2, the probability of generation of a turbine missile (or P1 as identified in SRP 3.5.1.3) is less than 1×10^{-5} per year. This missile generation probability (P1) combined with an unfavorable orientation P2xP3 conservative product value of 10^{-2} (from SRP 3.5.1.3) results in a probability of unacceptable damage from turbine missiles (or P4 value) of less than 10^{-7} per year per plant which meets the SRP 3.5.1.3 acceptance criterion and the guidance of Regulatory Guide 1.115. Thus, neither the orientation of the side-by-side AP1000 turbines nor the separation distance is pertinent to meeting the turbine missile generation acceptance criterion. In addition, the reinforced concrete shield building and auxiliary building walls, roofs, and floors, provide further conservative, inherent protection of the safety-related SSCs from a turbine missile.	RAI LTR 053 response to RAI 03.05.01.03-01
2653	Pt 02	FSAR 03	03.05.01.05, 03.05.01.06	Add LMA of BLN COL 3.3-1 to the wording of these section	TR134, R5 item NRC258. Although the LMA for this information is site-specific, due to use of the plant name, the information is standard for all plants falling within the AP1000 typical site plan. Other sites should replace BLN with the site designation (e.g., WSL, VEGP, VCS, LNP, HAR)
2654	Pt 02	FSAR 03	03.05.04	Revise Section 3.5.4 to read as follows: "Add the following text to the end of DCD Subsection 3.5.4. The VEGP site satisfies the site interface criteria for wind and tornado (see Subsections 3.3.1.1, 3.3.2.1 and 3.3.2.3) and will not have a tornado-initiated failure of structures and components within the applicant's scope that compromises the safety of AP1000 safety-related structures and components (see also Subsection 3.3.3). Subsection 1.2.2 discusses differences between the plant specific site plan (see Figure 1.1-202) and the AP1000 typical site plan shown in DCD Figure 1.2-2. There are no other structures adjacent to the nuclear island other than as described and evaluated in the DCD. Missiles caused by external events separate from the tornado are addressed in Subsections 3.5.1.3, 3.5.1.5, and 3.5.1.6."	TR134, R5 item NRC258. Although the LMA for this information is site-specific, due to use of the plant name, the information is standard for all plants falling within the AP1000 typical site plan. Other sites should replace BLN with the site designation (e.g., WSL, VEGP, VCS, LNP, HAR). Note that the referenced figure number is also site-specific.
2978	Pt 02	FSAR 03	03.06.04.01	Revise the text of Subsection 3.6.4.1 to remove the first paragraph added by Enclosure 1 of the January 14, 2008 TVA Letter to NRC on DCD Acceptance Review (Bailey to Borchardt).	WEC DCD Rev 17 conforming change
4720	Pt 02	FSAR 03	03.07.01.01.01 / 3.7-1	FSAR Section 3.7.1 will be modified to include the additional 3D SSI analysis	RAI 03.07.02-1 - Commitment made in ND-09-0331
2982	Pt 02	FSAR 03	03.07.02.08.01	COLA Part 2, FSAR Chapter 3, Subsection 3.7.2.8.1 will be revised to omit the following statement (note that this supersedes previously provided Errata items affecting this sentence): The annex building is designed so that it will not collapse and damage the safety related auxiliary and shield building. Note that this is the only sentence in FSAR 3.7.2.8.1 - thus the entire section is removed.	RAI LTR 110 response to RAI 03.07.01-03
5183	Pt 02	FSAR 03	03.08.05.01	Revise FSAR subsection 3.8.5.1 VEGP ESP VAR 1.6-2 as follows: Change the paragraph that reads:	DCD conforming change

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				<p>The first two paragraphs of ESPA SSAR Subsection 3.8.5, which pertain to DCD Revision 15, are not incorporated by reference.</p> <p>To read</p> <p>The first paragraph of ESPA SSAR Subsection 3.8.5, which pertains to DCD Revision 15, is not incorporated by reference.</p> <p>The first sentence of the second paragraph of ESPA SSAR Subsection 3.8.5.1.1 is replaced with the following.</p> <p>"For VEGP Units 3 and 4, the Sprayed-on Waterproofing Membrane is the selected option presented in the DCD."</p>	
2984	Pt 02	FSAR 03	03.09.03.04.04	COLA Part 2, FSAR Chapter 3, Subsection 3.9.3.4.4, will be revised to provide an expanded discussion of Snubber Preservice and Inservice Examination and Testing.	RAI LTR 007 response to RAI 03.09.06-03
2985	Pt 02	FSAR 03	03.09.03.04.04	COLA Part 2, FSAR, Chapter 3, Section 3.9.3.4.4 will be revised to provide additional information related to Inspection, Testing, Repair and/or Replacement of Snubbers by adding additional text after the last paragraph of DCD Subsection 3.9.3.4.4.	RAI LTR 107 response to RAI 03.09.03-01
2986	Pt 02	FSAR 03	03.09.03.04.04	<p>COLA Part 2, FSAR, Chapter 3, Section 3.9.3.4.4 introductory statement will be revised from (as provided in response to BLN-RAI-LTR-107):</p> <p>Add the following subsection after DCD Subsection 3.9.3.4.3:</p> <p>3.9.3.4.4 Inspection, Testing, Repair and/or Replacement of Snubbers</p> <p>To read:</p> <p>3.9.3.4.4 Inspection, Testing, Repair, and/or Replacement of Snubbers</p> <p>Add the following text after the last paragraph of DCD Subsection 3.9.3.4.4:</p>	WEC DCD Rev 17 conforming change to RAI LTR 107 response to RAI 03.09.03-01
2987	Pt 02	FSAR 03	03.09.06.02.02	<p>COLA Part 2, FSAR, Chapter 3, Subsection 3.9.6.2.2, will be revised to add new info as the first two paragraphs, Add a sentence to the end of the fourth paragraph under the heading "Manual/Power-Operated Valve Tests," Add a new last paragraph under the heading "Manual/Power-Operated Valve Tests,"</p> <p>Add a new paragraph just prior to the heading "Other Power-Operated Valve Operability Tests," Under the heading "Check Valves Tests," add a new paragraph, Add new last paragraphs under the heading "Check Valve Flow Tests."</p>	RAI LTR 007 response to RAI 03.09.06-07 item 1
2988	Pt 02	FSAR 03	03.09.06.02.02	COLA Part 2, FSAR Chapter 3, Subsection 3.9.6.2.2 will be revised to update the section on Active MOV Test Frequency Determination.	RAI LTR 007 response to RAI 03.09.06-09
2989	Pt 02	FSAR 03	03.09.06.02.02	COLA Part 2, FSAR Chapter 3, Subsection 3.9.6.2.2 will be revised with the paragraph titled "Design Basis Verification Test" deleted.	RAI LTR 007 response to RAI 03.09.06-10
2990	Pt 02	FSAR 03	03.09.06.02.02	COLA Part 2, FSAR Chapter 3, Subsection 3.9.6.2.2, paragraph titled "Other Power-Operated Valve Operability Tests" will be expanded beyond the existing paragraph.	RAI LTR 007 response to RAI 03.09.06-11
2994	Pt 02	FSAR 03	03.09.06.02.02	<p>Add the following introductory phrase before the change to Subsection 3.9.6.2.2, to add new info as the first two paragraphs per Qb 332.</p> <p>"Add the following prior the initial paragraph of DCD Subsection 3.9.6.2.2:"</p> <p>Also add LMA STD COL 3.9-4 for each new revision identified by Qb 332.</p>	Consistency and supplement to RAI LTR 007 response to RAI 03.09.06-07 item 1
2995	Pt 02	FSAR 03	03.09.06.02.02	<p>1. Replace: "Under the heading "Check Valves Tests," add the following new paragraph:"</p> <p>To read: Add the following new paragraph under the heading "Check Valve Tests" in DCD Subsection 3.9.6.2.2</p> <p>2.Change: "refer to Section 14.2" in text at top of page to: "refer to DCD Subsection 14.2</p> <p>3. Replace: "Add the following new last paragraphs under the heading "Check Valve Flow Tests:"</p> <p>To read: Add the following new last paragraphs under the subheading "Check Valve</p>	Editorial consistency in referencing to DCD

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				Exercise Tests" in DCD Subsection 3.9.6.2.2	
5188	Pt 02	FSAR 03	03.09.06.02.02/3.9-8	Add "(Reference 201)" {red, hyperlinked text} after "JOG MOV PV study" Also Add "(Reference 202)" {red, hyperlinked text} after "ASME Code Case OMN-1, Revision 1."	Consistent method for identifying referenced documents.
5187	Pt 02	FSAR 03	03.09.06.02.02/3.9-9	Add "(Reference 201)" {red, hyperlinked text} after "MPR-2524-A" on top of page 3.9-9 (new text to be inserted under the bulleted item titled, "Risk Ranking.")	Consistent method for identifying referenced documents.
2996	Pt 02	FSAR 03	03.09.06.02.03	Add the following paragraph as the new second paragraph of Subsection 3.9.6.2.3: During the disassembly process, the full-stroke motion of the obturator is verified. Nondestructive examination is performed on the hinge pin to assess wear, and seat contact surfaces are examined to verify adequate contact. Full-stroke motion of the obturator is re-verified immediately prior to completing reassembly. At least one valve from each group is disassembled and examined at each refueling outage, and all the valves in each group are disassembled and examined at least once every eight years. Before being returned to service, valves disassembled for examination or valves that received maintenance that could affect their performance are exercised with a full- or part-stroke. Details and bases of the sampling program are documented and recorded in the test plan.	RAI LTR 007 response to RAI 03.09.06-07 item 2
2997	Pt 02	FSAR 03	03.09.06.02.04	Add the following as the new first paragraph of Subsection 3.9.6.2.4: Each valve subject to inservice testing is also tested during the preservice test period. Preservice tests are conducted under conditions as near as practicable to those expected during subsequent inservice testing. Valves (or the control system) that have undergone maintenance that could affect performance, and valves that have been repaired or replaced, are re-tested to verify performance parameters that could have been affected are within acceptable limits. Safety and relief valves and nonreclosing pressure relief devices are preservice tested in accordance with the requirements of the ASME OM Code, Mandatory Appendix 1.	RAI LTR 007 response to RAI 03.09.06-07 item 3
2998	Pt 02	FSAR 03	03.09.06.02.05	Add the following to the end of the paragraph of Subsection 3.9.6.2.5: When a valve or its control system has been replaced, repaired, or has undergone maintenance that could affect valve performance, a new reference value is determined, or the previous value is reconfirmed by an inservice test. This test is performed before the valve is returned to service, or immediately if the valve is not removed from service. Deviations between the previous and new reference values are identified and analyzed. Verification that the new values represent acceptable operation is documented.	RAI LTR 007 response to RAI 03.09.06-07 item 4
2999	Pt 02	FSAR 03	03.09.06.03	COLA Part 2, FSAR Chapter 3, Subsection 3.9.6.3 Insert for the text after the first paragraph in DCD Subsection 3.9.6.3, will be revised To read: Insert the following text after the first paragraph in DCD Subsection 3.9.6.3: The IST Program described herein utilizes Code Case OMN-1, Revision 1, "Alternative Rules for the Preservice and Inservice Testing of Certain Electric Motor-Operated Valve Assemblies in Light Water Reactor Power Plants." Code Case OMN-1 establishes alternate rules and requirements for preservice and inservice testing to assess the operational readiness of certain motor operated valves, in lieu of the requirements set forth in ASME OM Code Subsection ISTC. Implementation of the program described in Code Case OMN-1 will require request for relief, unless Code Case OMN-1, Revision 1, is approved by the NRC in Regulatory Guide 1.192, or the case has been incorporated into the ASME OM Code on which the IST program is based, and that Code is approved in 10 CFR 50.55a(b).	RAI LTR 007 response to RAI 03.09.06-12
3000	Pt 02	FSAR 03	03.09.06.03	COLA Part 2, FSAR Chapter 3, Subsection 3.9.6.3 will be revised to include (Reference 202) at the end of the first sentence of the new paragraph added by LTR-007 to read: The IST Program described herein utilizes Code Case OMN-1, Revision 1, "Alternative Rules for the Preservice and Inservice Testing of Certain Electric Motor-Operated Valve Assemblies in Light Water Reactor Power Plants" (Reference 202).	Include appropriate reference information

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
3001	Pt 02	FSAR 03	03.09.06.03	COLA Part 2, FSAR, Subsection 3.9.6.3, will be revised to delete the following paragraph: "Normal residual heat removal system containment penetration relief valve (RNS-V021) and containment isolation motor-operated valve (RNS-V023) are subjected to containment leak testing by pressurizing the lines in the reverse direction to the flow of a containment leak via this path. This test method requires a Relief Request in the IST Program."	RAI LTR 007 S1 response to RAI 03.09.06-12
3002	Pt 02	FSAR 03	03.09.08.02	Revise the text of Subsection 3.9.8.2 to remove the two statements added by Enclosure 1 of the January 14, 2008 TVA Letter to NRC on DCD Acceptance Review (Bailey to Borchardt).	WEC DCD Rev 17 conforming change
3003	Pt 02	FSAR 03	03.09.09	COLA Part 2, FSAR Chapter 3, Subsection 3.9.9, will be revised to add the following references: 203 Joint Owners Group Air Operated Valve Program Document, Revision 1, December 13, 2000 204 USNRC, Eugene V. Imbro, letter to Mr. David J. Modeen, Nuclear Energy Institute, Comments On Joint Owners' Group Air Operated Valve Program Document, dated October 8, 1999	RAI LTR 007 response to RAI 03.09.06-11 item 2
5189	Pt 02	FSAR 03	03.09.09/3.9-14	Revise Reference 201 from "Study" to read "Program Summary"	Incorporate proper title of reference.
5184	Pt 02	FSAR 03	03G / Appendix 3G	COLA Part 2, FSAR Chapter 3, Appendix 3G is revised to incorporate VEGP SUP 3.7-3 which adds Appendix 3GG. Appendix 3G should be revised to read: This section of the referenced DCD is incorporated by reference with the following departures and/or supplements. And added a LMA of VEGP SUP 3.7-3 Which reads : APPENDIX 3GG is provided to supplement the information in DCD Appendix 3G.	Incorporate changes from VEGP response to RAI letter 018, Sup 1. to add new Appendix 3GG to FSAR.
5186	Pt 02	FSAR 03	03GG / Appendix 3GG	COLA Part 2, FSAR Chapter 3, Add new Appendix 3GG after Appendix 3G as a VEGP SUP 3.7-3, with a title of: 3-D SSI ANALYSIS OF AP1000 AT VOGTLE SITE USING NI15 MODEL. Also add a copy of the entire report titled:3-D SSI ANALYSIS OF AP1000 AT VOGTLE SITE USING NI15 MODEL FOR VEGP UNITS 3 AND 4 dated February 2009 as the new Appendix 3GG.	Incorporate changes from VEGP response to RAI letter 018, Sup 1. to add new Appendix 3GG to FSAR in response to RAI 03.07.02-1.
2657	Pt 02	FSAR 05	05.02.01.01	In the introductory sentence, add the word "of" between the words "sentence" and "the"	Editorial
3004	Pt 02	FSAR 05	05.02.01.01	COLA Part 2, FSAR Chapter 5, Section 5.2.1.1, will be revised To read: If a later Code edition/addenda than the Design Certification Code edition/addenda is used by the material and/or component supplier, then a code reconciliation to determine acceptability is performed as required by the ASME Code, Section III, NCA-1140.	RAI LTR 024 response to RAI 05.02.01.01-01
3005	Pt 02	FSAR 05	05.02.01.01	COLA Part 2, FSAR, Chapter 5, Subsection 5.2.1.1, will be revised to add the following new paragraph at the end of the subsection (the existing LMA STD COL 5.2-1 is applicable): Inservise inspection of the reactor coolant pressure boundary is conducted in accordance with the applicable edition and addenda of the ASME Boiler and Pressure Vessel Code Section XI, as described in Subsection 5.2.4. Inservise testing of the reactor coolant pressure boundary components is in accordance with the edition and addenda of the ASME OM Code as discussed in Subsection 3.9.6 for pumps and valves, and as discussed in Subsection 3.9.3.4.4 for dynamic restraints.	RAI LTR 051 response to RAI 05.02.01.01-02
3006	Pt 02	FSAR 05	05.02.01.01	COLA Part 2, FSAR, Chapter 5, Subsection 5.2.1.1, will be revised from: Similarly, if Code Cases other than those included in DCD Table 5.2-3 are used, a similar review and reconciliation is performed.	RAI LTR 051 response to RAI 05.02.01.01-04

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				To read: Code Cases to be used in design and construction are identified in the DCD; additional Code Cases for design and construction beyond those for the design certification are not required.	
3010	Pt 02	FSAR 05	05.02.03.02.01	COLA Part 2, FSAR Chapter 5, Subsection 5.2.3.2.1 will be revised to expand discussion of monitoring of water chemistry is implemented using the guidance of EPRI TR-1 002884.	RAI LTR 001 response to 05.03.02-01 item 1
3011	Pt 02	FSAR 05	05.02.03.02.01	COLA Part 2, FSAR Chapter 5, Subsection 5.2.3.2.1 will be revised to expand the final sentence to end "...the corrective actions were effective in returning the concentrations of contaminants to within the specified range."	Editorial clarification of RAI LTR 001 response to 05.03.02-01 item 1
3012	Pt 02	FSAR 05	05.02.04.01	COLA Part 2, FSAR Chapter 5, Section 5.2.4.1, fifth paragraph, will be revised from its discussion of the NRC First Revised Order EA-03-009 and ASME Code Case N-729-1 To read: The inservice inspection program is augmented for reactor vessel top head inspections by use of the ASME Code Case N-729-1, "Alternative Examination Requirements for Pressurized-Water Reactor (PWR) Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds," as modified by the NRC Staff position on the use of ASME Code Case N-729-1 shown in the proposed rulemaking dated April 5, 2007 (72 FR 16740).	RAI LTR 074 response to RAI 05.02.04-05
3014	Pt 02	FSAR 05	05.02.07	COLA Part 2, FSAR Chapter 5, Subsection 5.2.7, will be revised to read: "201. EPRI, "Pressurized Water Reactor Primary Water Chemistry Guidelines," EPRI TR-1002884, Revision 5, October 2003."	RAI LTR 001 response to 05.03.02-01 item 2
5190	Pt 02	FSAR 05	05.03.02.06	COLA Part 2, FSAR, Chapter 5, Subsection 5.3.2.6, will be revised to read: Add the following information between the first and second paragraphs of DCD Subsection 5.3.2.6. Surveillance test materials are prepared from the actual materials used in fabricating the beltline region of the reactor vessel. Records are maintained of the chemical analyses, fabrication history, mechanical properties and other essential variables pertinent to the fabrication process of the shell forging and weld metal from which the surveillance test materials are prepared. The test materials are processed so that they are representative of the material in the completed reactor vessel. Three metallurgically different materials prepared from sections of reactor vessel shell forging are used for test specimens. These include base metal, weld metal and heat affected zone (HAZ) material. Base metal test material is manufactured from a section of ring forging, either the intermediate shell course, the lower shell course, or the transition ring of the reactor pressure vessel. Selection is based on an evaluation of initial toughness (characterized by the reference temperature (RTNDT) and Upper Shelf Energy (USE)), and the predicted effect of chemical composition (nickel and residual copper) and neutron fluence on the toughness (RTNDT shift and decrease in USE) during reactor operation. The ring forging with the highest predicted adjusted RTNDT temperature (initial RTNDT plus RTNDT shift) or that with USE predicted to approach close to the minimum limit of 50 ft-lb at end-of-license (EOL) is selected as the surveillance base metal test material. The means for measuring initial toughness and for predicting irradiation induced toughness changes is consistent with applicable procedures in force at the time the material is being selected. The section of shell forging used for the base metal test block is adjacent to the test material used for fracture toughness tests.	RAI LTR 002 Supp 2 response to RAI 05.03.01-01 (a)

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				<p>Weld metal and HAZ test material is produced by welding together sections of the forgings from the beltline of the reactor vessel. The HAZ test material is manufactured from a section of the same shell course forging used for base metal test material. The sections of shell course forging used for weld metal and HAZ test material are adjacent to the test material used for fracture toughness tests. The heat of wire or rod and lot of flux are from the same heat and lot used in making the beltline region welds. Welding parameters duplicate those used for the beltline region welds. The procedures for inspection of the reactor vessel welds are followed for the inspection of the welds in test materials. The surveillance weld and HAZ material are heat-treated to metallurgical conditions which are representative of the final metallurgical conditions of similar materials in the completed reactor vessel. Test Specimens are marked to identify the type of materials and the orientation with respect to the test materials. Drawings specify the identification system to be used and include plant identification, type of material, orientation of specimen and sequential number.</p> <p>Baseline test specimens are provided for establishing the baseline (unirradiated) properties of the reactor vessel materials. The data from tests of these specimens provides the basis for determining the radiation induced property changes of the reactor vessel materials.</p> <p>Drop weight test specimens of each of base metal, weld metal, and HAZ metal are provided for establishing the nil-ductility transition temperature (NDTT) of the unirradiated surveillance materials. These data form the basis for RTNDT determination from which subsequent radiation induced changes are determined.</p> <p>Standard Charpy impact test specimens each of base metal (longitudinal (tangential) and transverse (axial)), weld metal, and HAZ material are provided for developing a Charpy impact energy transition curve from fully brittle to fully ductile behavior for defining specific index temperatures for these materials. These data, together with the drop weight NDTT, are used to establish and RTNDT for each material.</p> <p>Tensile test specimens each of base metal (longitudinal (tangential) and transverse (axial)), weld metal, and HAZ material are provided to permit a sufficient number of tests for accurately establishing the tensile properties for these materials at a minimum of three test temperatures (e.g., ambient, operating and one intermediate temperature) to define the strength of the material.</p> <p>The above described test specimens are to be used for determining changes in the strength and toughness of the surveillance materials resulting from neutron irradiation. Sufficient Charpy impact, compact tension and tensile test specimens are provided for establishing the changes in the properties of the surveillance materials over the lifetime of the reactor vessel. The type and quantity of test specimens exceed the minimum requirements of E185-82.</p> <p>Reactor materials do not begin to be affected by neutron fluence until the reactor begins critical operation. Table 13.4-201 provides milestones for reactor vessel material surveillance program implementation.</p>	
2659	Pt 02	FSAR 05	05.03.06.02	Revise text to read "This COL Item is addressed in Subsections 5.3.2.6 and 5.3.2.6.3."	Consistency
3017	Pt 02	FSAR 06	06.01.02.01.06	COLA Part 2, FSAR Chaptcr 6. Subsection 6.1.2.1.6. will be revised to include additional information about the protective coatings program .	RAI LTR 001 response to RAI 06.01.02-01
5194	Pt 02	FSAR 06	06.02.05.02.02	Add "(Reference 201)" {red, hyperlinked text} after "AP-TR-NS01-A, Rev 2, "Containment Leak Rate Test Program Description" (Reference 201).	Consistent method for identifying referenced documents.
3019	Pt 02	FSAR 06	06.03.08.02	Remove new Subsection 6.3.8.2 added by Enclosure 2 of the January 14, 2008 TVA Letter	WEC DCD Rev 17 conforming change

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				to NRC on DCD Acceptance Review (Bailey to Borchardt), by AP-STD-0111, and by response to RAI LTR-030.	
2260	Pt 02	FSAR 06	06.04 / 6.4-2	Revise COLA Part 2, FSAR Chapter 6, Section 6.4, to replace the first paragraph of Subsection 6.4.4.2, Toxic Chemical Habitability Analysis.	RAI 06.04-1c - Commitment made in ND-08-1819. (VEGP RAI Response to Letter 012.)
5191	Pt 02	FSAR 06	06.04.04/6.4-1	Revise COLA Part 2, FSAR Chapter 6, Section 6.4.4 to add the following immediately before 6.4.4.1: "Insert the following information at the end of the eighth paragraph of DCD Subsection 6.4.4." And add the following with an LMA of VEGP COL 6.4-1: "Table 6.4-201 provides additional details regarding the evaluated onsite chemicals."	BLN RAI LTR 137 response to 02.02.03-10, item 2. Provide additional details of site specific chemical evaluations.
5192	Pt 02	FSAR 06	06.04.07	Revise COLA Part 2, FSAR Chapter 6, Section 6.4.7 to read: "This COL Item is addressed in Subsections 2.2.3.2.3.1, 2.2.3.2.3.2, 2.2.3.3, 6.4.4, and 6.4.4.2."	Adds an additional cross-reference to 6.4.4 to where VEGP COL 6.4-1 is addressed (Refer to QB5191)
5193	Pt 02	FSAR 06	06.04.T / T6.4-201	COLA Part 2, FSAR Chapter 6, new Table 6.4-201 - Onsite Chemicals will be added (with both STD SUP and VEGP COL LMAs). {Reviewer's Note: The DCD evaluated hazards are identified in FSAR Table 6.4-201 as standard supplemental (STD SUP) material. Revisions to the amounts and distances evaluated by WEC since the time of the DCD material approval are identified as standard COL information item (STD COL) material. Any additional site specific chemicals used, along with quantities and locations stored onsite are also identified in the new FSAR Table 6.4-201 as site specific COL information item (VEGP COL) material. This note for reviewer information only and is not a part of the COLA change.}	RAI LTR 137 response to 02.02.03-10, item 3
2127	Pt 02	FSAR 07	07.05 / 7.5-1	Revise FSAR Section 7.5 to include the site-specific meteorologic and environs radiation/radioactivity information.	RAI 07.05-1 commitment made in submittal letter AR-08-1728, dated November 14, 2008. (VEGP RAI response to LTR 006)
5196	Pt 02	FSAR 07	07.05.T / T7.5-201	COLA Part 2, FSAR Chapter 7, will be revised to add Table 7.5-201.	VEGP RAI response to Letter 06 adds this new table to the FSAR.
5197	Pt 02	FSAR 07	07.05.T / T7.5-202	COLA Part 2, FSAR Chapter 7, will be revised to add Table 7.5-202.	VEGP RAI response to Letter 06 adds this new table to the FSAR.
5205	Pt 02	FSAR 08	08.01.01	COLA Part 2, FSAR Chapter 8, Section 8.1.1, revise the last paragraph of this section, and the second to the last sentence in that paragraph to read as follows: "The Reserve Auxiliary Transformers (RATs) for Units 3 and 4 are supplied by two overhead lines from a 230 kV switchyard with a ring bus configuration. A portion of Unit 3 RAT "A" supply line is underground between Unit 4 and Unit 3."	A portion of the RAT-A supply line is underground cable between Units 3 and 4 to eliminate a common failure.
5206	Pt 02	FSAR 08	08.02.01.01	COLA Part 2, FSAR Chapter 8, Section 8.2.1.1, revise the first paragraph of this section by adding the new sentence that reads: "A portion of Unit 3 RAT "A" supply line is underground between Unit 4 and Unit 3." This new sentence should be inserted between the two existing sentences as follows: "One overhead transmission line supplies RAT "A" for Units 3 and 4 and the other overhead transmission line supplies RAT "B" for Units 3 and 4. A portion of Unit 3 RAT "A" supply line is underground between Unit 4 and Unit 3. The RATs may be used to distribute power for plant auxiliaries when the GSUs or UATs are out of service." Also in the second paragraph, second to last sentence add the words "RAT "B"" at the end such that the sentence now reads as follows: "These two lines cross over the 230 kV lines	A portion of the RAT-A supply line is underground cable between Units 3 and 4 to eliminate a common failure. Also the transmission supply line to RATs "A" were relocated to the opposite side of the switchyard.

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
5207	Pt 02	FSAR 08	08.02.01.02	for the Unit 3 generator and the supply line for the Units 3 and 4 RAT "B". COLA Part 2, FSAR Chapter 8, Section 8.2.1.2, revise the first paragraph of this section to read as follows: "The transformer area for each unit contains the GSU (three single phase transformers plus one spare), three UATs, and two RATs. The two RATs are connected to the Units 3 and 4 RAT supply 230 kV switchyard via overhead tie lines, with a portion of Unit 3 RAT "A" supply line being underground between Unit 4 and Unit 3. The secondary windings (230 kV side) of the Unit 3 GSU are connected in a wye configuration and connected to the Units 1, 2 and 3, 230/500 kV switchyard. The secondary windings (500 kV side) of the Unit 4 GSU are connected in a wye configuration and connected to the Unit 4, 500 kV switchyard."	A portion of the RAT-A supply line is underground cable between Units 3 and 4 to eliminate a common failure.
5204	Pt 02	FSAR 08	08.02F / F8.2-201	COLA Part 2, FSAR Chapter 8, Figure 8.2-201 will be revised to show the latest switchyard configuration and nomenclature	Update figure to show proper labels and most recent configuration.
3029	Pt 02	FSAR 08	08.02F / F8.2-202	COLA Part 2, FSAR Chapter 8, Figure 8.2-202 will be revised to orient main stepup transformers and reserve auxiliary transformers per DCD Revision 17. This figure is also revised to show a portion of RAT-A supply between Units 3 and 4 as underground cable. Also reroute the transmission supply to RATs-A around the opposite side of the switchyard from the supply to RATs-B	DCD Rev 17 conforming change as shown in DCD Figure 1.2-2 Site Plan. This figure is also revised to show a portion of RAT-A supply between Units 3 and 4 as underground cable to eliminate a line crossing that could result in a common loss of all off-site power. and to reroute the transmission supply to RATs-A around the opposite side of the switchyard from the supply to RATs-B for improved separation from a common failure.
5208	Pt 02	FSAR 08	08.03.01.01.06	COLA Part 2, FSAR Chapter 8, Subsection 8.3.1.1.6 will be revised To read: Procedures implement periodic testing of protective devices that provide penetration overcurrent protection. A sample of each different type of overcurrent device is selected for periodic testing during refueling outages. Testing includes: <ul style="list-style-type: none"> • Verification of thermal and instantaneous trip characteristics of molded case circuit breakers. • Verification of long time, short time, and instantaneous trips of medium voltage vacuum circuit breakers. • Verification of long time, short time, and instantaneous trips of low voltage air circuit breakers. • Verification of Class 1E and non-Class 1E dc protective device characteristics (except fuses) per manufacturer recommendations, including testing for overcurrent interruption and/or fault current limiting. Penetration protective devices are maintained and controlled under the plant configuration control program. A fuse control program, including a master fuse list, is established based on industry operating experience.	RAI LTR 138 in response to RAI 08.03.01-001.
3031	Pt 02	FSAR 09	09.01.05	1- COLA Part 2, FSAR Chapter 9, Section 9.1 will be revised to add an FSAR supplement to the end of DCD Subsection 9.1.5.	RAI LTR 061 response to RAI 09.01.05-01 item 1
3032	Pt 02	FSAR 09	09.01.05	Include LMA of STD SUP 9.1-2 with change made by Qb 3031	Addition to RAI LTR 061 response to RAI 09.01.05-01 item 1
3033	Pt 02	FSAR 09	09.01.05.04	COLA Part 2, FSAR. Chapter 9, add the following at the end of Subsection 9.1.5.4: The overhead heavy load handling equipment inservice inspection procedures, as a minimum, address the following: <ul style="list-style-type: none"> • Identification of components to be examined • Examination techniques • Inspection Intervals • Examination categories and requirements 	RAI LTR 061 response to RAI 09.01.05-02

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				• Evaluation of examination results	
3034	Pt 02	FSAR 09	09.01.05.05	2. COLA Part 2, FSAR. Chapter 9 will be revised to add new Subsection 9.1.5.5.	RAI LTR 061 response to RAI 09.01.05-01 item 2
3035	Pt 02	FSAR 09	09.01.05.05	Include LMA of STD SUP 9.1-3 with change made by Qb 3034	Addition to RAI LTR 061 response to RAI 09.01.05-01 item 2
3036	Pt 02	FSAR 09	09.01.06	Add new item under 9.1.6 with LMA of STD COL 9.1-7 "A spent fuel rack Metamic coupon monitoring program is to be implemented when the plant is placed into commercial operation. This program includes tests to monitor bubbling, blistering, cracking, or flaking; and a test to monitor for corrosion, such as weight loss measurements and or visual examination."	WEC DCD Rev 17 conforming change
2124	Pt 02	FSAR 09	09.02 / 9.2-1	Revise Section 9.2 to add text regarding evaluation of the SWS Cooling Towers for potential impacts from interference and air restriction effects due to yard equipment layout and cooling tower operation in an adjacent unit.	RAI 09.02.05-1 commitment made in submittal letter AR-08-1692, dated November 4, 2008. (VEGP response to RAI LTR 004)
5213	Pt 02	FSAR 09	09.02.05.02.01	COLA Part 2, FSAR. Chapter 9, section 9.2.5.2.1, change "Unit 3 and 4" to read "Units 3 and 4"	Editorial correction.
5214	Pt 02	FSAR 09	09.02.06.05	COLA Part 2, FSAR. Chapter 9, section 9.2.6.5, change "Unit 1 and 2" to read "Units 1 and 2"	Editorial correction.
3038	Pt 02	FSAR 09	09.02.08.02.02	In the DCD LMA section, last paragraph, change last sentence from "Nonmetallic piping may be used in accordance with ASME B31.1 and as demonstrated by evaluation." To read: "Nonmetallic piping may also be used."	WEC DCD Rev 17 conforming change
2205	Pt 02	FSAR 09	09.02.08.02.03 / 9.2-7	The FSAR is updated include the DCD bracketed information for the turbine building closed cooling water system startup.	RAI 09.02.02-1 - Commitment made in SNC letter AR-08-1731, dated 12/02/2008.
4833	Pt 02	FSAR 09	09.02.11	Replace Subsection 9.2.11 and Figure 9.2-201, sheet 2 as noted in SNC letter ND-09-0365.(VEGP Response to RAI Letter 026)	RAI 09.02.01-5 - Commitment made in ND-09-0365. (VEGP Response to RAI Letter 026)
3043	Pt 02	FSAR 09	09.05.01.08.01.02	COLA Part 2, FSAR Chapter 9, Subsection 9.5.1.8.1.2, n. will be revised from: n. Establishing a fire prevention surveillance plan utilizing the guidance of NFPA 804 (DCD Reference 9.5.5.2), and training plant personnel on that plan. To read: n. Establishing a fire prevention surveillance plan and training plant personnel on that plan.	RAI LTR 020 response to RAI 09.05.01-05
3044	Pt 02	FSAR 09	09.05.01.08.02.02	COLA Part 2, FSAR Chapter 9, Subsection 9.5.1.8.2.2 second paragraph will be revised To read: The fire brigade leader and at least two brigade members per shift have sufficient training and knowledge of plant safety-related systems to understand the effects of fire and fire suppressants on safe shutdown capability. The brigade leader is competent to assess the potential safety consequences of a fire and advise control room personnel. Such competence by the brigade leader may be evidenced by possession of an operator's license or equivalent knowledge of plant systems.	RAI LTR 046 response to RAI 09.05.01-13
3045	Pt 02	FSAR 09	09.05.01.08.02.02	1. COLA Part 2, FSAR Chapter 9, Subsection 9.5.1.8.2.2, 4th paragraph (second through fourth sentences) will be revised To read: Self-contained breathing apparatus (SCBA) approved by NIOSH, using full face positive pressure masks, and providing an operating life of at least 30 minutes, are provided for selected fire brigade, emergency repair and control room personnel. At least ten masks are provided for fire brigade personnel. At least two extra air bottles, each with at least 30 minutes of operating life, are located onsite for each SCBA.	RAI LTR 091 response to RAI 09.05.01-15 item 1
3046	Pt 02	FSAR 09	09.05.01.08.02.02.01 (d)	2. COLA Part 2, FSAR Chapter 9, Section 9.5.1.8.2.2.1(d), will be revised To read: d. The proper use of on-site fire fighting equipment and the correct method of fighting various types of fires including at least the following:	RAI LTR 091 response to RAI 09.05.01-15 item 2

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				<ul style="list-style-type: none"> - fires involving radioactive materials - fires in energized electrical equipment - fires in cables and cable trays - fires involving hydrogen - fires involving flammable and combustible liquids or hazardous process chemicals - fires resulting from construction or modifications (welding) - fires involving record files 	
3047	Pt 02	FSAR 09	09.05.01.08.02.02.01 (j)	3. COLA Part 2, FSAR Chapter 9, Section 9.5.1.8.2.2.1(j), will be revised from: j. Review of fire fighting procedures and procedure changes. To read: j. Detailed review of fire fighting strategies, procedures and procedure changes.	RAI LTR 091 response to RAI 09.05.01-15 item 3
3048	Pt 02	FSAR 09	09.05.01.08.02.02.03	4. COLA Part 2, FSAR Chapter 9, Section 9.5.1.8.2.2.3, first sentence, will be revised from: Practice sessions are held for fire brigade members on the proper method of fighting various types of fires which might occur in the plant. To read: Practice sessions are held for each fire brigade and for each fire brigade member on the proper method of fighting various types of fires which might occur in the plant.	RAI LTR 091 response to RAI 09.05.01-15 item 4
3049	Pt 02	FSAR 09	09.05.01.08.04	COLA Part 2, FSAR. Chapter 9, Subsection 9.5.1.8.4.a will be revised from: a. Prohibit the storage of combustible materials (including unused ion exchange resins) in areas that contain or expose safety-related equipment, or establish designated storage areas with appropriate fire protection. To read: a. Prohibit the storage of combustible materials (including unused ion exchange resins) in areas that contain or expose safety-related equipment.	RAI LTR 058 response to RAI 09.05.01-10
5209	Pt 02	FSAR 09	09.05.01.08.06	1- COLA Part 2, FSAR Chapter 9 Subsection 9.5.1.8.6 will be revised To read: 9.5.1.8.6 Testing and Inspection Testing and inspection requirements are imposed through administrative procedures. Maintenance or modifications to the fire protection system are subject to inspection for conformance to design requirements. Procedures governing the inspection, testing, and maintenance of fire protection alarm and detection systems, and water-based suppression and supply systems, utilize the guidance of NFPA 72 (DCD Reference 9.5.5.2) and NFPA 25 (Reference 212). Installation of portions of the system where performance cannot be verified through pre-operational tests, such as penetration seals, fire retardant coatings, cable routing, and fire barriers are inspected. Inspections are performed by individuals knowledgeable of fire protection design and installation requirements. Open flame or combustion-generated smoke is not used for leak testing or similar procedures such as air flow determination. Inspection and testing procedures address the identification of items to be tested or inspected, responsible organizations for the activity, acceptance criteria, documentation requirements and sign-off requirements.	RAI LTR 128 response to RAI 09.05.01-16 item 1
2125	Pt 02	FSAR 09	09.05.02.02.05	In COLA FSAR Section 9.5, add text to indicate that the requirements of Bulletin 80-15, with regards to the VEGP Emergency Notification System, are satisfied.	RAI 09.05.02-1 commitment made in submittal letter ND-08-1927, dated December 23, 2008. (VEGP Supplement 1 Response to RAI LTR 005)
2126	Pt 02	FSAR 09	09.05.02.05.01	Supplement FSAR Subsection 9.5.2.5.1 text to include that VEGP COL 9.5-9 is also addressed in Subsection 9.5.2.2.5.	RAI 09.05.02-1 commitment from submittal letter ND-08-1927, dated December 23, 2008. (VEGP Supplement 1 Response to RAI LTR 005)
2500	Pt 02	FSAR 09	09.05.02.05.02	Supplement FSAR Subsection 9.5.2.5.2 text to include that VEGP COL 9.5-10 is also addressed in Subsection 9.5.2.2.5.	RAI 09.05.02-2 commitment from submittal letter ND-08-1927, dated December 23, 2008. (VEGP Supplement 1 Response to RAI LTR 005)

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
3050	Pt 02	FSAR 09	09.05.04.05.02	COLA Part 2, FSAR. Chapter 9, Section 9.5.4.5.2 will be revised from: High fuel oil quality is provided... ...may be performed after the addition of new oil. To read: The diesel fuel oil testing program requires testing both new fuel oil and stored fuel oil. High fuel oil quality is provided by specifying the use of ASTM Grade 2D fuel oil with a sulfur content as specified by the engine manufacturer. A fuel sample is analyzed prior to addition of ASTM Grade 2D fuel oil to the storage tanks. The sample moisture content and particulate or color is verified per ASTM 4176. In addition, kinetic viscosity is tested to be within the limits specified in Table 1 of ASTM D975. The remaining critical parameters per Table 1 of ASTM D975 are verified compliant within 7 days. Fuel oil quality is verified by sample every 92 days to meet ASTM Grade 2D fuel oil criteria. The addition of fuel stabilizers and other conditioners is based on sample results. The fuel oil storage tanks are inspected on a monthly basis for the presence of water. Any accumulated water is to be removed.	RAI LTR 092 response to RAI 09.05.04-01(b)
3052	Pt 02	FSAR 09	09.05.05	COLA Part 2, FSAR Chapter 9, Subsection 9A.4 will be revised to move the existing Reference 201 (to NFPA 804) to become new Reference 211 in Subsection 9.5.5.	Move location of Reference to match location of use.
5212	Pt 02	FSAR 09	09.05.05	2- COLA Part 2, FSAR Chapter 9, Subsection 9.5.5 will be revised to add a new Reference 212 as follows: 212. National Fire Protection Association, "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems," NFPA 25, 2008.	RAI LTR 128 response to RAI 09.05.01-16 item 2
3053	Pt 02	FSAR 09	09.05.T / T9.5-201 Sh6	COLA Part 2, FSAR Chapter 9, Table 9.5-201, Item 111 will be revised To read: 111. A portable radio communications system should be provided for use by the fire brigade and other operations personnel required to achieve safe plant shutdown. C.5.g(4) C Comply. Subsection 9.5.1.8.2.a.3.v, 9.5.1.8.2.2, and DCD Subsection 9.5.2 and 9.5.2.2.1 addresses this requirement.	RAI LTR 040 response to RAI 09.05.01-07
3055	Pt 02	FSAR 09	09.05.T / T9.5-202	COLA Part 2, FSAR Chapter 9, Subsection 9.5, Table 9.5-202 will be revised to add (Reference 211) for NFPA 804.	Add reference to section where used in the text/table.
3056	Pt 02	FSAR 09	09A.03.03	COLA Part 2, FSAR Chapter 9, Appendix 9A, Subsection 9A.3.3, will be revised To read: STD COL 9.5-3 Stairwells in miscellaneous buildings located in the yard serving as escape routes or access routes for firefighting are enclosed in masonry or concrete towers with a minimum fire resistance rating of 2 hours and self-closing Class B fire doors. The two-hour fire-resistance rating for the masonry or concrete material is based on testing conducted in accordance with ASTM E119 (Reference 211) and NFPA 251 (Reference 212).	RAI LTR 040 response to RAI 09.05.01-06 item 1 - references revised by Qb 2053
3057	Pt 02	FSAR 09	09A.03.03	COLA Part 2, FSAR Chapter 9, Appendix 9A, Subsection 9A.3.3, is revised to correct the references from "ASTM E119 (Reference 211) and NFPA 251 (Reference 212)" to read "ASTM E119 (Reference 201) and NFPA 251 (Reference 202)."	RAI LTR 040 response to RAI 09.05.01-06 item 1 correction of references
3058	Pt 02	FSAR 09	09A.04	COLA Part 2, FSAR Chapter 9, Subsection 9A.4 will be revised to add the following references: 201. American Society of Mechanical Engineers, "Standard Test Methods for Fire Tests of Building Construction and Materials," ASTM E119-08a. 202. National Fire Protection Association, "Standard Methods of Tests of Fire Endurance of Building Construction and Materials," NFPA 251, 2006.	RAI LTR 040 response to RAI 09.05.01-06 item 2 Corrected location of Reference addition.
3061	Pt 02	FSAR 10	10.01.03.01	COLA Part 2, FSAR Subsection 10.1.3.1, last sentence of the paragraph will be revised from: In addition, the FAC monitoring program considers the information of Generic Letter 89-08 and industry guidelines. To read:	RAI LTR 018 response to RAI 10.03.06-02

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				In addition, the FAC monitoring program considers the information of Generic Letter 89-08, EPRI NSAC-202L-R3, and industry operating experience. The program requires a grid layout for obtaining consistent pipe thickness measurements when using Ultrasonic Test Techniques. The FAC program obtains actual thickness measurements for highly susceptible FAC locations for new lines as defined in EPRI NSAC-202L-R3. At a minimum, a Pass 1 analysis is used for low and highly susceptible FAC locations and a Pass 2 analysis is used for highly susceptible FAC locations when the Pass 1 analysis results warrant. To determine wear of piping and components where operating conditions are inconsistent or unknown, the guidance provided in EPRI NSAC-202L is used to determine wear rates.	
3062	Pt 02	FSAR 10	10.02.03.06	COLA Part 2, FSAR, Chapter 10, Section 10.2.3.6, will be revised to delete STD SUP 10.2-02 as follows: Delete: STD SUP 10.2-02 Add the following at the end of the third bullet of DCD Subsection 10.2.3.6. The main steam stop and control valves are exercised at a frequency recommended by the turbine vendor or valve manufacturer."	RAI LTR 039 response to RAI 10.02.03-01(b)
3063	Pt 02	FSAR 10	10.02.06	COLA Part 2, FSAR, Chapter 10, Subsection 10.2.6 will be revised from: Plant-specific turbine rotor test data and calculated toughness curves that support the material property assumptions in the turbine rotor analysis after the fabrication of the turbine information will be available for review prior to fuel load. To read: Plant-specific turbine rotor test data and calculated toughness curves that support the material property assumptions in the turbine rotor analysis will be available for review after fabrication of the turbine and prior to fuel load.	RAI LTR 039 response to RAI 10.02.03-01(a)
3064	Pt 02	FSAR 10	10.03.02.02.01	COLA Part 2, FSAR. Chapter 10, Subsection 10.3.2.2.1 will be revised To read: STD SUP 10.3-1 Operations and maintenance procedures include precautions, when appropriate, to minimize the potential for steam and water hammer, including: - Prevention of rapid valve motion - Process for avoiding introduction of voids into water-filled lines and components - Proper filling and venting of water-filled lines and components - Process for avoiding introduction of steam or heated water that can flash into water-filled lines and components - Cautions for introduction of water into steam-filled lines or components - Proper warmup of steam-filled lines - Proper drainage of steam-filled lines - The effects of valve alignments on line conditions	RAI LTR 037 response to RAI 10.03-01
3065	Pt 02	FSAR 10	10.04.05.02.01	Revise from "Makeup water to the CWS is provided by the raw water system (RWS). In addition, water chemistry is controlled by the turbine island chemical feed system (CFS)." to read "Makeup water to the CWS is provided by the raw water system (RWS). In addition, water chemistry is controlled by a local chemical feed system."	WEC DCD Rev 17 conforming change
3066	Pt 02	FSAR 10	10.04.05.02.02	COLA Part 2, FSAR Chapter 10, subsection 10.4.5.2.2 second paragraph next to last sentence under Cooling Tower will be revised from: "Because of the remote location and the height of the cooling towers the plumes will dissipate before they will affect any plant ventilation intake or plant switchyard." To read: "Because of the remote location, the cooling tower height, and the buoyant rise of the plumes, the plumes will dissipate before they interfere with the SWS cooling towers intake, any plant ventilation intake, or the plant switchyard."	RAI LTR 049 response to RAI 09.02.01-01
3067	Pt 02	FSAR 10	10.04.05.02.02	Under Circulating Water Chemical Injection, revise first sentence from "Circulating water chemistry is maintained by the turbine island chemical feed system." to read "Circulating	WEC DCD Rev 17 conforming change

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				water chemistry is maintained by a local chemical feed system skid at the CWS cooling tower."	
3068	Pt 02	FSAR 10	10.04.05.02.02	Under Circulating Water Chemical Injection, revise second sentence from "Turbine island chemical equipment injects the required chemicals into the circulating water downstream of the CWS pumps." to read "Circulating water system chemical feed equipment injects the required chemicals into the circulating water downstream at the CWS cooling tower basin area."	WEC DCD Rev 17 conforming change
3069	Pt 02	FSAR 10	10.04.05.02.02	Under Circulating Water Chemical Injection, revise sentence near the end from "Addition of biocide and water treatment chemicals is performed by turbine island chemical feed injection metering pumps and is adjusted as required." to read "Addition of biocide and water treatment chemicals is performed by a local chemical feed injection metering pumps and is adjusted as required."	WEC DCD Rev 17 conforming change
3070	Pt 02	FSAR 10	10.04.05.02.02	Added VEGP COL 10.4-1 information to address "the design, routing, and disposition requirements associated with the main condenser waterbox drains."	WEC DCD Rev 17 conforming change per DCD 10.4.12.1
3071	Pt 02	FSAR 10	10.04.05.02.02	Subsection 10.4.5.2.2 under Cooling Tower Makeup and Blowdown, revise VEGP CDI from: " Makeup to and blowdown from the CWS is controlled by the makeup and blowdown control valves. The makeup control valves maintain the cooling tower basin level. These valves, along with the turbine island chemical feed system, provide chemistry control in the circulating water in order to maintain a noncorrosive, nonscale-forming condition and limit biological growth in circulating water system components." To read: "Makeup to and blowdown from the CWS is controlled by the makeup and blowdown control valves. The makeup control valves maintain the cooling tower basin level. These valves, along with a local chemical feed system, provide chemistry control in the circulating water in order to maintain a noncorrosive, nonscale-forming condition and limit biological growth in CWS components."	WEC DCD Rev 17 conforming change
5217	Pt 02	FSAR 10	10.04.05.02.02	Section 10.4.5.2.2, under the heading "Circulating Water Chemical Injection", revise: "Scale Inhibitor-Phosphonate" to read: "Scale Inhibitor-Sodium Hexametaphosphate"	Update FSAR to most recent information on circulating water chemistry.
5218	Pt 02	FSAR 10	10.04.05.05	Section 10.4.5.5.5, VEGP COL 10.4-1, add a comma after the words "chemical addition".	Editorial correction
3072	Pt 02	FSAR 10	10.04.07.02.01	COLA Part 2, FSAR, Chapter 10, Subsection 10.4.7.2.1 will be revised To read: STD SUP 10.4-1 Operations and maintenance procedures include precautions, when appropriate, to minimize the potential for steam and water hammer, including: - Prevention of rapid valve motion - Process for avoiding introduction of voids into water-filled lines and components - Proper filling and venting of water-filled lines and components - Process for avoiding introduction of steam or heated water that can flash into water-filled lines and components - Cautions for introduction of water into steam-filled lines or components - Proper warmup of steam-filled lines - Proper drainage of steam-filled lines - The effects of valve alignments on line conditions	RAI LTR 029 response to RAI 10.04.07-01
3073	Pt 02	FSAR 10	10.04.07.02.01	1. COLA Part 2, FSAR, Chapter 10, Section 10.4.7.2.1 will be revised to add the following paragraph after the first paragraph: STD SUP 10.4-2 Oxygen scavenging and ammoniating agents are selected and utilized for plant secondary water chemistry optimization following the guidance of NEI-97-06,	RAI LTR 113 response to RAI 10.04.06-03 item 1

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				"Steam Generator Program Guidelines" (Ref 201). The EPRI Pressurized Water Reactor Secondary Water Chemistry Guidelines are followed as described in NEI 97-06.	
3074	Pt 02	FSAR 10	10.04.13	1. COLA Part 2, FSAR, Chapter 10, Section 10.4 will be revised to add Subsection 10.4.13 as follows: 10.4.13 REFERENCES 201. Nuclear Energy Institute, "Steam Generator Program Guidelines," NEI 97-06, Revision 2, May 2005.	RAI LTR 113 response to RAI 10.04.06-03 item 2
3075	Pt 02	FSAR 10	10.04.T / T10.4-202	COLA Part 2, FSAR, Chapter 10, Table 10.4-202, will be revised from: "Seismic design criteria per Uniform Building Code" to read: "Seismic design criteria per International Building Code"	Provide updated design basis information.
5273	Pt 02	FSAR 11	11.02.01.02.04	3. COLA Part 2, FSAR Chapter 11 will be revised to change last paragraph of FSAR (i.e., DCD) Subsection 11.2.1.2.4	RAI LTR 109 S1 response to RAI 12.03-12.04-01, item 3
2660	Pt 02	FSAR 11	11.02.01.02.05.02	Revise second sentence to read "When confirmed through sampling that the radioactive waste contents do not exceed the A2 quantities for radionuclides specified in Appendix A to 10 CFR Part 71, the liquid effluent may be processed with mobile or temporary equipment in the Radwaste Building."	Consistency with the third sentence.
3076	Pt 02	FSAR 11	11.02.01.02.05.02	COLA Part 2, FSAR Chapter 11, Subsection 11.2.1.2.5.2, third and fourth paragraphs, will be revised from: Mobile or temporary equipment is designed in accordance with the codes and standards listed in Table 1 and Regulatory Position C.1.1.2 of Regulatory Guide 1.143. Mobile or temporary equipment has the following features: To read: Mobile and temporary equipment are designed in accordance with the applicable mobile and temporary radwaste treatment systems guidance provided in Regulatory Guide 1.143, including the codes and standards listed in Table 1 of the Regulatory Guide. Mobile and temporary equipment have the following features:	RAI LTR 041 response to RAI 11.02-05
4846	Pt 02	FSAR 11	11.02.02.01.06	New FSAR subsection involving Prevention of Comingling of Chelating Agents With Radioactive Liquids	RAI 01-1 -Commitment made in ND-09-0445, dated March 27, 2009. (VEGP RAI LTR 027)
2245	Pt 02	FSAR 11	11.02.03.05.01	COLA Part 2, FSAR, Chapter 11, Subsection 11.2.3.5, will be revised to delete the last paragraph and to add new Subsections 11.2.3.5.1 and 11.2.3.5.2	RAI 11.02-1 - Commitment made in ND-08-1817 (VEGP RAI LTR 10)
2247	Pt 02	FSAR 11	11.02.05.02	COLA Part 2, FSAR, Chapter 11, Subsection 11.2.5.2, will be revised as shown below: This COL Item is addressed in Subsection 11.2.3.5.1. This COL Item is addressed in Subsections 11.2.3.3, 11.2.3.5 and 11.2.3.5.2.	RAI 11.02-1 - Commitment made in ND-08-1817. (VEGP RAI LTR 010)
2248	Pt 02	FSAR 11	11.02.06	Delete reference to NEI 07-11.	RAI 11.02-1 - Commitment made in ND-08-1817. (VEGP RAI LTR 010)
2249	Pt 02	FSAR 11	11.03.03.04	VEGP FSAR Section 11.3.3.4 will be revised to delete the last paragraph and to add new Subsections 11.3.3.4.1 and 11.3.3.4.2.	RAI 11.03-1 - Commitment made in ND-08-1818. (VEGP RAI LTR 011)
2250	Pt 02	FSAR 11	11.03.05.01	FSAR Subsection 11.3.5.1, will be revised as shown below: STD COL 11.3-1 This COL Item is addressed in Subsection 11.3.3.4.1. VEGP COL 11.3-1 This COL Item is addressed in Subsections 11.3.3.4 and 11.3.3.4.2.	RAI 11.03-1 - Commitment made in ND-08-1818. (VEGP RAI LTR 011)
2251	Pt 02	FSAR 11	11.03.06	Delete FSAR Reference 201 from Subsection 11.3.6.	RAI 11.03-1 - Commitment made in ND-08-1818. (VEGP RAI LTR 011)
3099	Pt 02	FSAR 11	11.04.07	Update NEI 07-10 Reference 201 to "Revision 3" submitted "May 2008"	NEI submittal update
3100	Pt 02	FSAR 11	11.05.01.02	Remove underline of "and Regulatory Guide 4.15, Revision 1" added in Qb 990 (AP-STD-	Underline is not consistent format.

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				0150).	
5272	Pt 02	FSAR 11	11.05.03	Add a comma after "common staff facilities".	Correct punctuation.
3101	Pt 02	FSAR 11	11.05.04.02	1. COLA Part 2, FSAR Chapter 11, Subsection 11.5.4.2, will be revised to insert new paragraphs addressing sampling and analysis immediately following the Subsection heading.	RAI LTR 043 response to RAI 11.05-02 item 1
3102	Pt 02	FSAR 11	11.05.04.02	1. COLA Part 2, FSAR. Chapter 11, Subsection 11.5.4.2 will be revised to add the following paragraph after the first paragraph. (Note that the first paragraph will be revised by the response to RAI 11.05-02, this letter). Testing and obtaining representative samples using the radiation monitors described in DCD Subsection 11.5 will be performed in accordance with ANSI N13.1 (Reference 201).	RAI LTR 043 response to RAI 11.05-01 item 1
3103	Pt 02	FSAR 11	11.05.04.02	2. Revise COLA Part 2, FSAR. Chapter 11, Subsection 11.5.4.2 second paragraph from: For obtaining representative samples in unfiltered ducts, isokinetic probes are used as recommended by ANSI N13.1 (Reference 201). To read: For obtaining representative samples in unfiltered ducts, isokinetic probes are tested and used in accordance with ANSI N13.1 (Reference 201).	RAI LTR 043 response to RAI 11.05-01 item 2
3105	Pt 02	FSAR 11	11.05.08 R201	3. COLA Part 2, FSAR. Chapter 11, Subsection 11.5.8, Reference 201 will be revised from: ANSI N13.1-1999, "Sampling and Monitoring Releases of Airborne Radioactive Substances from the Stacks and Ducts of Nuclear Facilities." To read: ANSI N13.1-1969, "Guide to Sampling Airborne Radioactive Materials in Nuclear Facilities."	RAI LTR 043 response to RAI 11.05-01 item 3
3106	Pt 02	FSAR 11	11.05.08 R202	Update COLA Part 2, FSAR. Chapter 11, Subsection 11.5.8, Reference 202 to NEI 07-09, Revision 3, August 2008.	Conform to NEI update of the template.
3107	Pt 02	FSAR 11	11.05.08 R203	2. COLA Part 2, FSAR Chapter 11, Subsection 11.5.8 will be revised to add: 203. ANSI N42.18-2004, "Specification and Performance of On-Site Instrumentation for Continuous Monitoring Radioactivity in Effluents."	RAI LTR 043 response to RAI 11.05-02 item 2
3108	Pt 02	FSAR 12	12.01	1. COLA Part 2, FSAR. Chapter 12, Section 12.1, first paragraph will be revised To read: This section incorporates by reference NEI 07-08, Generic FSAR Template Guidance for Ensuring That Occupational Radiation Exposures Are as Low as Is Reasonably Achievable (ALARA), Revision 3, which is currently under review by the NRC staff. See Table 1.6-201. ALARA practices are developed in a phased milestone approach as part of the procedures necessary to support the Radiation Protection Program. Table 13.4-201 describes the major milestones for ALARA procedures development and implementation.	RAI LTR 109 response to RAI 12.01-01 item 1
2663	Pt 02	FSAR 12	12.03.04	Revise second sentence of second paragraph to read "Samples which cannot be analyzed on-site are forwarded to an off-site laboratory or a contractor for analysis; or, the DAC percentage may be hand calculated using appropriate values from 10 CFR Part 20, Appendix B."	Some utilities have off-site labs that can do the analysis without sending to a contractor.
5268	Pt 02	FSAR 12	12.04.01.09.02.01	Revise the end of the 1st sentence of section 12.4.1.9.2.1 from: ".....which will be located west of Unit 2....." to read: ".....which will be located east of Unit 1....."	Planned location of ISFSI was changed during site layout design finalization
2573	Pt 02	FSAR 12	12.04.01.09.03.01	Clarification of Radiation Dose to Units 3 and 4 construction workers from Units 1 and 2	RAI 12.03-12.04-1 / Commitment made in ND-09-0005 (VEGP RAI LTR 021)
5269	Pt 02	FSAR 12	12.04.01.09.03.01	Under the section titled: Independent Spent Fuel Storage Installation (ISFSI) Revise the paragraph from:	To reflect the planned location of ISFSI which was relocated during site layout design finalization and the associated revised dose estimate.

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				<p>"The estimated dose to construction workers from the planned ISFSI is estimated to be 15 mrem per year for the Unit 3 construction workforce and negligible for the Unit 4 construction workforce. It is conservatively assumed that SNC will put the ISFSI in service during Unit 3 construction and that the Unit 3 construction workers would be exposed for an entire year".</p> <p>To Read:</p> <p>"The dose to construction workers from the planned ISFSI is negligible for the Units 3 and 4 construction workforce".</p>	
5270	Pt 02	FSAR 12	12.04.01.09.03.01	<p>In section 12.4.1.9.3.1, the subsection titled: "Summary of External Radiation"</p> <p>Revise the second sentence from:</p> <p>" The highest direct radiation exposure during Unit 3 construction would be 81.9 mrem per year (66.9 mrem from Units 1 and 2 + 15 mrem from the ISFSI). Therefore the Unit 4 construction workers doses would be bounding and are discussed in the remainder of this section".</p> <p>To Read:</p> <p>"The highest direct radiation exposure during Unit 3 construction is estimated to be 66.9 mrem per year (from Units 1 and 2). Therefore the Unit 4 construction workers doses would be bounding and are discussed in the remainder of this section".</p>	To reflect the planned location of ISFSI which was relocated during site layout design finalization and the associated revised dose estimate.
2664	Pt 02	FSAR 12	12AA / 12AA-1	<p>Revise 12AA, 4th full paragraph on page 12AA-1, from:</p> <p>"Subsections 12.5.3, 12.5.3.1 and 12.5.3.2 of NEI 07-03 are not incorporated into Appendix 12AA. Facilities, instrumentation, and equipment are described in DCD Subsection 12.5.2."</p> <p>to:</p> <p>"Subsections 12.5.3 and 12.5.3.1 of NEI 07-03 are not incorporated into Appendix 12AA. Facilities, instrumentation, and equipment are described in DCD Subsection 12.5.2."</p>	Subsection 12.5.3.2 of NEI 07-03 provides the details required from Regulatory Guide 1.206 regarding health physics monitoring instrumentation and equipment. DCD Subsection 12.5.2 addresses the facilities for storing, issuing, calibrating and using the equipment, but does not address the capabilities of the instruments as was done in NEI 07-03. The wording, as currently stated in the FSAR, leaves an unintended gap in material to be described. Cross-references to fixed instruments is provided in the cited DCD Subsection, but not to operational radiation protection instrumentation.
5271	Pt 02	FSAR 12	12AA / 12AA-1	<p>Revise 12AA, 1st paragraph, "NEI 07-03, Generic FSAR Template Guidance for Radiation Protection Program Description, Revision 4"</p> <p>to read:</p> <p>"NEI 07-03, Generic FSAR Template Guidance for Radiation Protection Program Description, Revision 7"</p>	To reflect current version of NEI template under NRC review.
3110	Pt 02	FSAR 12	12AA.05.04.08	<p>1. COLA Part 2, FSAR. Chapter 12, Appendix 12AA, will be revised to add the following after Subsection 12.5.4.7:</p> <p>Add the following text after the last bullet of NEI 07-03 Subsection 12.5.4.8.</p> <p>This subsection adopts NEI 08-08 (Reference 201), which is currently under review by the NRC staff, for discussion of compliance with 10 CFR 20.1406.</p>	RAI LTR 109 response to RAI 12.03-12.04-02 item 1
3111	Pt 02	FSAR 12	12AA.05.04.08	<p>COLA Part 2, FSAR. Chapter 12, Appendix 12AA, was revised to add new text to address NEI 07-03 Subsection 12.5.4.8. This text should have LMA of STD COL 12.5-1.</p> <p>This subsection adopts NEI 08-08 (Reference 201), which is currently under review by the NRC staff, for discussion of compliance with 10 CFR 20.1406.</p>	LMA not identified in response to RAI LTR 109, RAI 12.03-12.04-02, item 1

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
3112	Pt 02	FSAR 12	12AA.05.04.13	1. COLA Part 2, FSAR. Chapter 12, Appendix 12AA.5.4.13 will be revised To read: STD COL 12.3-3 A groundwater monitoring program beyond the normal radioactive effluent monitoring program is developed. If and as necessary to support this groundwater monitoring program, design features will be installed during the plant construction process. Areas of the site to be specifically considered in this groundwater monitoring program are (all directions based on plant standard): • West of the auxiliary building in the area of the fuel transfer canal. • West and south of the radwaste building. • East of the auxiliary building rail bay and the radwaste building truck doors. This subsection adopts NEI 08-08 (Reference 201), which is currently under review by the NRC staff, for the Groundwater Monitoring Program description.	RAI LTR 109 response to RAI 12.03-12.04-01 item 1
2666	Pt 02	FSAR 12	12AA.05.04.13 12AA.05.04.14 12AA.05.04.15	Revise 12AA.5.4.13 Groundwater Monitoring Program to 12AA.5.4.14 Groundwater Monitoring Program, and 12AA.5.4.14 Record of Operational Events of Interest for Decommissioning to 12AA.5.4.15 Record of Operational Events of Interest for Decommissioning.	NEI 07-03, Rev4 FEB 2008 added a new section 12.5.4.13 Records to the document
3113	Pt 02	FSAR 12	12AA.05.04.14	2. COLA Part 2, FSAR Chapter12, Appendix 12AA, add the following after Subsection 12AA.5.4.14: Add the following reference to the NEI 07-03 REFERENCES. 201. NEI 08-08, Generic FSAR Template Guidance for Life Cycle Minimization of Contamination, Revision 0.	RAI LTR 109 response to RAI 12.03-12.04-01 item 2
3115	Pt 02	FSAR 12	12AA.05.04.14	1. COLA Part 2, FSAR. Chapter 12, Section 12AA.5.4.14 will be revised from: Procedures are established to document the operational events that are deemed of interest for decommissioning, beyond that required by 10 CFR 50.75. These documented operational events assist in developing a historical assessment of the nuclear facilities, thereby reducing time, effort, and hazards to personnel during decommissioning planning. This documentation will include identification of the remediation of any leaks, which have the potential to contaminate groundwater. To read: This subsection adopts NEI 08-08 (Reference 201), which is currently under review by the NRC staff, for discussion of recordkeeping practices important to decommissioning	RAI LTR 109 response to RAI 12.03-12.04-03 item 1
5239	Pt 02	FSAR 13	13.01	Revise FSAR Chapter 13, Section 13.1, various subsections to reflect current Southern Company/Nuclear Development Organizational structure	Revise FSAR Chapter 13, Section 13.1, various subsections to reflect current Southern Company/Nuclear Development Organizational structure
2576	Pt 02	FSAR 13	13.01 / 13.1-16	FSAR Subsections 13.1.2.1.1.and 13.1.2.1.2.1 will be revised to discuss the above functions in greater detail and associated changes will be made to FSAR Table 13.1-201	RAI 13.01.02-13.01.03-1 / Commitment made in SNC letter ND-09-0008, dated January 16, 2009. (VEGP RAI Response to LTR 024)
2577	Pt 02	FSAR 13	13.01 / 13.1-20	FSAR Subsections 13.1.2.1.1.and 13.1.2.1.2.1 will be revised to discuss the above functions in greater detail and associated changes will be made to FSAR Table 13.1-201.	RAI 13.01.02-13.01.03-1 / Commitment made in SNC letter ND-09-0008, dated January 16, 2009. (VEGP RAI LTR 024)
2571	Pt 02	FSAR 13	13.01.01.02.10	Revise FSAR description of Fire Engineer training and qualification requirements.	RAI 09.05.01-2 - Commitment made in ND-08-1877, dated December 17, 2008. VEGP Response to RAI LTR 016.
2575	Pt 02	FSAR 13	13.01.02.01	FSAR Subsections 13.1.2.1.1.and 13.1.2.1.2.1 will be revised to discuss the above functions in greater detail and associated changes will be made to FSAR Table 13.1-201	RAI 13.01.02-13.01.03-1 / Commitment made in ND-09-0008, dated January 16, 2009. (VEGP RAI Response to LTR 024)
3119	Pt 02	FSAR 13	13.01.03.01	6. COLA Part 2, FSAR Chapter 13, Subsection 13.1.3.1 will be revised from: Qualifications of managers, supervisors, operators, and technicians of the operating	RAI LTR 081 response to RAI 13.02.01-01 item 6

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				organization meet the qualification requirements in education and experience for those described in ANSI/ANS-3.1-1993 (Reference 201), as endorsed and amended by Regulatory Guide 1.8, except for cold license operators as discussed in Appendix 13BB. To read: Qualifications of managers, supervisors, operators, and technicians of the operating organization meet the qualification requirements in education and experience for those described in ANSI/ANS-3.1-1993 (Reference 201), as endorsed and amended by Regulatory Guide 1.8.	
3121	Pt 02	FSAR 13	13.02	7. COLA Part 2, FSAR Chapter 13, Section 13.2 will be revised to delete the following sentence: Appendix 13BB provides supplemental information to NEI 06-13 to address cold license operator training.	RAI LTR 081 response to RAI 13.02.01-01 item 7
5240	Pt 02	FSAR 13	13.03.07	COLA Part 2, FSAR Chapter 13, Section 13.3.7 will be revised as follows: Change: "In accordance with 10CFR 52.79(b)(4) and 10CFR 50.54(q), no new or additional emergency planning information that would materially change the bases for compliance with emergency planning requirements has been identified." To read: "In accordance with 10CFR 52.79(b)(4) and 10CFR 50.54(q), the following new and additional emergency planning information would materially change the bases for compliance with emergency planning requirements. The VEGP Early Site Permit application Emergency Plan proposed a set of emergency action levels (EAL) based on a proposed industry guideline (NEI 07- 01). Because of uncompleted design details related to the AP1000, certain details of site specific EALs based on NEI 07-01 cannot be completed until after the Combined License is scheduled to be issued. Consequently, the proposed VEGP EAL scheme is being removed from the VEGP Emergency Plan. Details of the changes are listed in VEGP COLA Part 5. A proposed License Condition 4, Emergency Planning Actions, has been added to Part 10 Proposed License Conditions (Including ITAAC). The license condition commits VEGP to submitting a complete set of EALs based on a NRC endorsed version of NEI 07-01 to the NRC at least 180 days prior to scheduled fuel load. Subsequent to the VEGP Early Site Permit application design details related to the building in which the TSC will be located were refined. The design change resulted in the TSC being relocated from a proposed administration building to a proposed Communication Support Center. The change also resulted in moving the TSC approximately 150 feet east of the location identified in the Early Site Permit Emergency Plan. The changes are reflected in revised drawing Figure ii, Vogtle Electric Generating Plant Site Plan, and Section H of the Emergency Plan. The above changes would constitute a reduction in effectiveness in regards to 10 CFR 10 CFR 50.54(q). However, the planning standards and regulations in 10 CFR 50.47 and 10 CFR 50 Appendix E continue to be met. Consequently, these changes require prior NRC approval in accordance with 10 CFR 50.54(q). Approval of these changes is requested as part of this COLA.	Update New or Additional Information in accordance with 10CFR 52.79(b)(4) and 10CFR 50.54(q) to reflect emergency planning changes.
4888	Pt 02	FSAR 13	13.03.08	The following changes will be made in a future revision to the VEGP Units 3 and 4 COLA: • Revise FSAR Subsection 13.3.8 header to read: "ESP Permit Conditions"	RAI 13.03-4 - Commitment made in SNC Letter ND-09-0456, dated April 3, 2009. (VEGP Response to RAI LTR 029)

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				<ul style="list-style-type: none"> Revise FSAR Subsection 13.3.8 COL Action Item VEGP ESP COL 13.3-1 and 13.3-2 to read: [LMA VEGP ESP PC 2 thru 7] "SNC will revise and submit the VEGP Units 3 and 4 Emergency Action Levels (EALs) in accordance with License Condition No. 4 identified in Part 10, Proposed License Conditions (Including ITAAC)." Revise FSAR Subsection 13.3.8 COL Action Item VEGP ESP COL 13.3-3 to read: [LMA VEGP ESP PC 8] "Location of the Technical Support Center (TSC) is described in the ESPA emergency plan." 	
5242	Pt 02	FSAR 13	13.04 T / T13.4-201	<p>COLA Part 2, FSAR. Chapter 13, Table 13.4-201, Item 15, will be revised to move FFD to new line item along with new Cyber Security Program, and modify implementation milestones for Security Program items and FFD items.</p> <p>Revised text: 15. Security Program: 10 CFR 50.34(c);</p> <p>Physical Security Program 10 CFR 73.55; 10 CFR 73.56; 10 CFR 73.57; 13.6 Prior to receipt of fuel onsite (protected area) License Condition</p> <p>Safeguards Contingency Program 10 CFR 50.34(d); 10 CFR Part 73, Appendix C 13.6 Prior to receipt of fuel onsite (protected area) License Condition</p> <p>Training and Qualification Program 10 CFR Part 73, Appendix B 13.6 Prior to receipt of fuel onsite (protected area) License Condition</p> <p>20. Fitness For Duty Programs: Fitness for Duty Program (Construction - Mgt. & Oversight Personnel) 10 CFR Part 26, Subparts A-H, N, and O 13.7 Prior to initiating onsite construction License Condition</p> <p>Fitness for Duty Program (Construction - Workers & First Line Supv.) 10 CFR Part 26, Subpart K 13.7 Prior to initiating onsite construction License Condition</p> <p>Fitness for Duty Program (Operation) 10 CFR Part 26 13.7 Prior to initial fuel load License Condition</p> <p>21. Cyber Security Program 10 CFR 73.54 13.6 Prior to initial fuel load License Condition</p>	Changes to address Security Regulation revisions
3122	Pt 02	FSAR 13	13.04.T / T13.4-201 01	<p>COLA Part 2. FSAR Chapter 13. Table 13.4-201, item 1, will be revised from: "5.2.4, 6.6" to read "5.2.4, 5.4.2.5, 6.6" and from: "10 CFR 50.55a(g); ASME XI 2001 2004 IWA 2430(b) (Reference 201)" to read "10 CFR 50.55a(g); ASME XI IWA-2430(b) (Reference 201)"</p> <p>COLA Part 2. FSAR Chapter 13. Table 13.4-201. item 4, will be revised from: "5.2.4, 6.6" to read "5.2.4, 5.4.2.5, 6.6" and from: "10 CFR 50.55a(g); ASME Code Section XI IWB-2200(a) (Reference 201)" to read "10 CFR 50.55a(g); ASME XI IWB-2200(a) (Reference 201)"</p>	RAI LTR 003 response to RAI 05.04.02.02-01 item 1
3123	Pt 02	FSAR 13	13.04.T / T13.4-201 07	1. COLA Part 2, FSAR Chapter 13, Table 13.4-201, Item 7 Milestone column entry, will be revised from: Prior to Mode 4	RAI LTR 047 response to RAI 06.02.06-01 item 1

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				To read: Prior to initial fuel load	
5219	Pt 02	FSAR 13	13.04.T / T13.4-201 10	1. COLA Part 2, FSAR. Chapter 13, Table 13.4-201, Item 10, will be revised	RAI LTR 109 S1 response to RAI 12.05-02
3125	Pt 02	FSAR 13	13.04.T / T13.4-201 16	For Quality Assurance Program - Operation, change Implementation Milestone from "30 days prior to scheduled date for the initial loading of fuel" to "COL Issuance"	Consistency with Chapter 17 identified milestone
3126	Pt 02	FSAR 13	13.05.01	COLA Part 2, FSAR Chapter 13, Subsection 13.5.1, seventh paragraph, will be revised to include the following new bullet at the end of the bulleted list: • Fire protection program implementation.	RAI LTR 080 response to RAI 13.05.01.01-01
2668	Pt 02	FSAR 13	13.05.03	Add VEGP DEP LMAs for 13.1.4 to address changes for COL information item sections from standard DCD format	Consistency
5220	Pt 02	FSAR 13	13.06	COLA Part 2, FSAR. Chapter 13, Section 13.6, will be revised To read (with an added LMA of STD COL 13.6-5 along with the existing STD COL 13.6-1): The Security Plan consists of the Physical Security Plan, the Training and Qualification Plan, and the Safeguards Contingency Plan. The Security Plan is submitted to the Nuclear Regulatory Commission as a separate licensing document in order to fulfill the requirements of 10 CFR 52.79(a)(35) and 52.79(a)(36). The Security Plan meets the requirements contained in 10 CFR Part 73 and will be maintained in accordance with the requirements of 10 CFR 52.98. The Plan is categorized as Security Safeguards Information and is withheld from public disclosure pursuant to 10 CFR 73.21. The Cyber Security Plan is submitted to the Nuclear Regulatory Commission as a separate licensing document in order to fulfill the requirements of 10 CFR 52.79(a)(36). The Cyber Security Plan meets the requirements contained in 10 CFR 73.54 and will be maintained in accordance with the requirements of 10 CFR 52.98. The Plan is categorized as Security Related Information and is withheld from public disclosure pursuant to 10 CFR 2.390. Table 13.4-201 provides milestones for security program and cyber security program implementation.	Changes to address Security Regulation revisions and remove incorrect reference to Part 26 for Security Program.
2669	Pt 02	FSAR 13	13.06.01	In Section 13.6.1, revise STD COL 13.6-1 to read, "Information for the Security Plan portion of this COL item is addressed in 13.6. "	Conforming change per TR134, Rev. 5, Item NRC 268
4865	Pt 02	FSAR 13	13.06.02	Change FSAR, Section 13.6.2 to reference the revised location of the information to address ESP COL Action Item ESP COL 13.6-1	SNC Letter ND-09-0480, dated April 1, 2009
4864	Pt 02	FSAR 13	13.06.03	Delete COLA Part 2, FSAR, Section 13.6.3, References	SNC Letter ND-09-0480, dated April 1, 2009
2670	Pt 02	FSAR 13	13.07	The wording of the DCD 13.7 VEGP DEP 1.1-1 information is revised to read "DCD Section 13.7 is redistributed to include DCD Section 13.7 references 7, 8 and 10 with COLA Subsection 13.5.4 and DCD Section 13.7 references 2, 3, and 4 with COLA Subsection 13.6.2."	The COLA identified section 13.8 was not generated; instead References were redistributed to appropriate X.Y section.
4856	Pt 02	FSAR 13	13.07 / 13.7-1	Change FSAR, Section 13.7 by revising the first paragraph to reflect the current status of the referenced regulation, 10 CFR Part 26.	Letter ND-09-0480, dated April 1, 2009.
4857	Pt 02	FSAR 13	13.07.01 / 13.7-1	Change FSAR, Subsection 13.7.1 Reference 201	NEI updated submittal
4863	Pt 02	FSAR 13	13.6	DELETE INFORMATION PROVIDED ON PHYSICAL SECURITY DURING CONSTRUCTION	SNC Letter ND-09-0480, dated April 1, 2009
5241	Pt 02	FSAR 13	13AA / Appendix 13AA	Revise Appendix 13AA to reflect the current organizational sturcture and position titles.	Update Appendix 13AA to reflect the current organizational structure and position titles.
2574	Pt 02	FSAR 13	13AA.1 / 13AA-4	FSAR Appendix 13AA will be clarified to reflect maintenance program development.	RAI 13.01.01-1 / Commitment made in ND-09-

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
					0007, dated 01-16-09. (VEGP Response to RAI LTR 023)
3134	Pt 02	FSAR 13	13BB	5. COLA Part 2, FSAR Chapter 13, will be revised to remove Appendix 13BB.	RAI LTR 081 response to RAI 13.02.01-01 item 5
5246	Pt 02	FSAR 14	14.02 - 14.04	COLA Part 2, FSAR. Chapter 14, will be revised as shown in Attachment 14.02-12A of response to RAI 14.02-012. {General rewrite}	RAI LTR 139 response to RAI 14.02-012, item 1
3135	Pt 02	FSAR 14	14.02.03.02	COLA Part 2, FSAR. Chapter 14, Subsection 14.2.3.2 will be revised to include the following bullet in STD COL 14.4-4: • Verifying that the results of retesting do not invalidate ITAAC acceptance criteria.	RAI LTR 102 response to RAI 14.02-10
5250	Pt 02	FSAR 14	14.02.03.02.01	3. COLA Part 2, FSAR Subsection 14.2.3.2.1, fourth paragraph will be changed to read: Each area of startup testing is reviewed and evaluated by the PT&O organization and the JTWG. The test results at each power ascension testing power plateau are reviewed and evaluated by the PT&O organization and the JTWG and approved by the plant manager before proceeding to the next plateau. Startup test reports are prepared in accordance with the guidance in position C.1.a of Regulatory Guide 1.16, "Reporting of Operating Information -- Appendix A Technical Specifications" and position C.9 of Regulatory Guide 1.68, "Initial test Programs for Water-Cooled Nuclear Power Plants.	RAI LTR 139 S1 response to RAI 14.02-012, item 3
2672	Pt 02	FSAR 14	14.02.08	Add new Section "14.2.8 Test Program Schedule" with text to read "A site-specific initial test program schedule will be provided to the NRC after issuance of the COL. This schedule will address each major phase of the test program (including tests that are required to be completed before fuel load), as well as the organizational impact of any overlap of first unit initial testing with initial testing of the second unit." Include LMA of STD SUP 14.2-1	Address guidance of RG 1.206, C.III.1 - 14.2.11.
2673	Pt 02	FSAR 14	14.02.08	Add introductory statement just prior to new Section "14.2.8 Test Program Schedule"	Consistency
5252	Pt 02	FSAR 14	14.02.08	4. COLA Part 2, FSAR Chapter 14, Subsection 14.2.8, last paragraph, as shown in letter 139, will be revised to read: The milestone schedule for developing plant operating procedures is presented in Table 13.4-201. The operating and emergency procedures are available prior to start of licensed operator training and, therefore, are available for use during the ITP. Required or desired procedure changes may be identified during their use. Administrative procedures describe the process for revising plant operating procedures.	RAI LTR 139 S1 response to RAI 14.02-012, item 4
3136	Pt 02	FSAR 14	14.02.09.04.23	COLA Part 2, FSAR Chapter 14, Subsection 14.2.9.4.23, will be revised by adding the following to the end of the existing Subsection 14.2.9.4.23 in the sequence indicated: i. Operation of instrumentation and control alarms used to monitor switchyard equipment status. j. Proper operation and load carrying capability of breakers, switchgear, transformers, and cables, and verification of these items by a non-testing means such as a QC nameplate check of as built equipment where testing would not be practical or feasible. k. Verification of proper operation of the automatic transfer capability of the preferred power supply to the maintenance power supply through the reserve auxiliary transformer. l. Switchyard interface agreement and protocols are verified.	RAI LTR 017 response to RAI 14.02-01
3138	Pt 02	FSAR 14	14.02.09.04.26	1. COLA Part 2, FSAR Chapter 14, Section 14.2.9.4.26, item c will be revised to add the word "portable" before the words "communication equipment is verified." 2. COLA Part 2, FSAR Chapter 14, Section 14.2.9.4.26, will be revised to add new item h:	RAI LTR 028 response to RAI 14.02-09 item 2

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				h. Compatibility of threads for hydrants, hose couplings, and standpipe risers with the local fire department equipment is verified, or alternatively, an adequate supply of readily available hose thread adaptors is verified.	
3139	Pt 02	FSAR 14	14.02.09.04.27	1. COLA Part 2, FSAR. Chapter 14, Section 14.2.9.4.27, third paragraph will be revised To read: The portable personnel monitors and radiation survey instruments are source checked, tested, maintained, and calibrated in accordance with the manufacturers' recommendations. The portable monitors and instruments tests include: a. Proper function of the monitors and instruments to respond to radiation is verified, as required. b. Proper operation of instrumentation controls, battery, and alarms, if applicable.	RAI LTR 109 response to RAI 12.03-12.04-05 item 1
5253	Pt 02	FSAR 14	14.02.11	1. COLA Part 2, FSAR Chapter 14, Subsection 14.2.11, as shown in letter 139, will be renumbered and added to Subsection 14.2.5, Utilization of Reactor Operating and Testing Experience in the Development of Test Program, as shown below: Add the following Subsections after DCD Subsection 14.2.10.5: 14.2.11 change to new last paragraph of 14.2.5 14.2.11.1 change to 14.2.5.1 14.2.11.2 change to 14.2.5.2 14.2.11.3 change to 14.2.5.3 14.2.11.4 change to 14.2.5.4 14.2.11.5 change to 14.2.5.5	RAI LTR 139 S1 response to RAI 14.02-012, item 1
5249	Pt 02	FSAR 14	14.02.12 thru 14.02.15	2. COLA Part 2, FSAR Chapter 14, Subsections 14.2.12 through 14.2.15, as shown in letter 139, will be renumbered and added to Subsection 14.2.3.1, , Conduct of Test Program, as shown below: Add the following Subsections after DCD Subsection 14.2.3.1: 14.2.12 changed to 14.2.3.1.1 now change to 14.2.3.1.2 14.2.13 changed to 14.2.3.1.2 now change to 14.2.3.1.3 14.2.14 changed to 14.2.3.1.3 now change to 14.2.3.1.4 14.2.15 changed to 14.2.3.1.4 now change to 14.2.3.1.5 Also correct format for titles of each of the above sections to Initial Cap Only.	RAI LTR 139 S1 response to RAI 14.02-012, item 2
2674	Pt 02	FSAR 14	14.03.02.03	In the first paragraph, heading for the second column of the ITAAC table, revise from "Inspections, Tests, Analysis" to "Inspections, Tests, Analyses"	Editorial - Consistency with the definition of ITAAC
5259	Pt 02	FSAR 14	14.03.02.03	Delete the LMA of STD SUP 14.3-1 next to the second bullet of Selection Criteria.	Eliminate unnecessary LMA in the center of this section.
3141	Pt 02	FSAR 14	14.03.T / T14.3-201	Add two systems to the ITAAC SCREENING SUMMARY table. These are: YFS Yard Fire Water System XX {underlined} ZRS Offsite Retail Power System XX {underlined}	WEC DCD Rev 17 conforming change.
3142	Pt 02	FSAR 14	14.04.02	COLA Part 2, FSAR. Chapter 14, Subsection 14.4.2 will be revised to include the following: A cross reference list is provided between ITAACs and test procedures and/or sections of test procedures.	RAI LTR 102 response to RAI 14.02-11
5258	Pt 02	FSAR 14	14.04.02	5. COLA Part 2, FSAR Chapter 14, Subsection 14.4.2, as shown in letter 139, will be revised to read: Preoperational and startup test specifications and procedures are provided to the NRC in accordance with the requirements of DCD Subsection 14.2.3. The controls for development of test specifications and procedures are also described in Subsection	RAI LTR 139 S1 response to RAI 14.02-012, item 5

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				14.2.3. A cross reference list is provided between ITAACs and test procedures and/or sections of test procedures.	
3143	Pt 02	FSAR 14	14.04.03	Add new section in Part 2, Chapter 14, to address new COL Holder item 14.4-3 14.4.3 CONDUCT OF TEST PROGRAM [LMA of STD COL 14.4-3] A site-specific startup administration manual (procedure), which contains the administration procedures and requirements that govern the activities associated with the plant initial test program, as identified in DCD Subsection 14.2.3 and as described in APP-GW-GLR-038 (DCD Reference 2), is provided.	WEC DCD Rev 17 conforming change. Modified by QB item 5246 (TVA response to RAI LTR 139)
2675	Pt 02	FSAR 14	14.04.06	Revise last sentence to read "If the tests are not performed, the justification is provided prior to preoperational testing."	TR134, R5 item NRC254.
5261	Pt 02	FSAR 16	16.01	COLA Part 2, FSAR Chapter 16, Section 16.1, last two sentences, will be revised from: However, the generic technical specifications and bases provided with Chapter 16 of the DCD are incorporated by reference into the plant-specific technical specifications provided in Part 4 of this COL application. In addition, a full information set of the plant-specific technical specifications and bases are provided in Part 4 of this COL application. To read: However, the generic technical specifications and bases provided with Chapter 16 of the DCD are incorporated directly into the plant-specific technical specifications and bases provided in Part 4 of this COL application.	Consistency with actual Part 4 information as of Revision 1.
5264	Pt 02	FSAR 17	17.01	In Section 17.1, second paragraph, change "later" to read "latter".	Correct typographical error.
3153	Pt 02	FSAR 17	17.05	.COLA Part 2, FSAR, Section 17.5, first paragraph, will be revised from: The Quality Assurance Program in place during the design, construction, and operations phases is described in the QAPD, which is maintained as a separate document. This QAPD is based on NEI 06-14A, "Quality Assurance Program Description," which was approved by the NRC as indicated in Reference 201. To read: The Quality Assurance Program in place during the design, construction, and operations phases is described in the QAPD, which is maintained as a separate document. This QAPD is incorporated by reference. This QAPD is based on NEI 06-14, "Quality Assurance Program Description," which is currently under review by the NRC (Reference 201).	RAI LTR 013 S1 response to RAI 17.05-09 item 1, with changes to incorporate BLN QB item 2578 for consistent working to reflect the current status of the QA template.
5262	Pt 02	FSAR 17	17.06	Add "(Reference 202)" {red, hyperlinked text} after "...10 CFR Part 52," as "...NEI 07-02A, Generic FSAR Template Guidance for Maintenance Rule Program Description for Plants Licensed Under 10 CFR Part 52," (Reference 202), with the following supplemental information.	Consistent method for identifying referenced documents.
3156	Pt 02	FSAR 17	17.08 R203	In Section 17.8, change Reference 201 to read, "201. Nuclear Energy Institute, Technical Report NEI 06-14A, "Quality Assurance Program Description," Revision 5, May 7, 2008."	Editorial - consistency in citations
3158	Pt 02	FSAR 17	17.08 R205	2. COLA Part 2, FSAR Chapter 17, Subsection 17.8, References, will be revised to add the following reference (Note: 'X' will be replaced with the next sequential reference number): 20X. Nuclear Energy Institute, "Generic FSAR Template Guidance for Maintenance Rule Program Description for Plants Licensed Under 10 CFR Part 52," NEI 07-02A, Revision 0	RAI LTR 121 response to RAI 17.04-01 item 2

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
2676	Pt 02	FSAR 18	18.08.03.06	Revise title to read "Operations Support Center Mission and Major Tasks"	TR134, R5 item NRC245.
3159	Pt 02	FSAR 19	19.46, 19.47, 19.48, 19.52, 19.53	COLA Part 2, FSAR Chapter 19, Sections 19.46, 19.47, 19.48, 19.52 and 19.53 will be revised to change the section title from "Deleted" to "Not Used" and change the text from: This section of the referenced DCD is incorporated by reference with no departures or supplements. To read: This section was not required for DCD and is not used by DCD and FSAR.	RAI LTR 120 response to RAI 19-06
2677	Pt 02	FSAR 19	19.59.10.05	Revise plant specific LMA for COL item 19.59.10-2 (VEGP COL 19.59.10-2) to STD COL 19.59.10-2	Wording is Standard wording for all AP1000 COLAs
3160	Pt 02	FSAR 19	19.59.10.05	1. COLA Part 2, FSAR Chapter 19, Subsection 19.59.10.5, fifth paragraph will be changed To read: The AP1000 Severe Accident Management Guidance (SAMG) from APP-GW-GLR-070, Reference 1 of DCD Section 19.59, is implemented on a site-specific basis. Key elements of the implementation include: • SAMG based on APP-GW-GLR-070 is provided to Emergency Response Organization (ERO) personnel in assessing plant damage, planning and prioritizing response actions and implementing strategies that delineate actions inside and outside the control room. • Severe accident management strategies and guidance are interfaced with the Emergency Operating Procedures (EOP's) and Emergency Plan. • Responsibilities for authorizing and implementing accident management strategies are delineated as part of the Emergency Plan. • SAMG training is provided for ERO personnel commensurate with their responsibilities defined in the Emergency Plan.	RAI LTR 083 response to RAI 19-03
3161	Pt 02	FSAR 19	19.59.10.05	COLA Part 2, FSAR Chapter 19, Subsection 19.59.10.5 will be revised to add the following to STD COL 19.59.10-1: The requirements to which the equipment is to be purchased are included in the equipment specifications. Specifically, the equipment specifications include: 1. Specific minimum seismic requirements consistent with those used to define the Table 19.55-1 HCLPF values. This includes the known frequency range used to define the HCLPF by comparing the required response spectrum (RRS) and test response spectrum (TRS). The range of frequency response that is required for the equipment with its structural support is defined. 2. Hardware enhancements that were determined in previous test programs and/or analysis programs will be implemented.	RAI LTR 083 response to RAI 19-01
3958	Pt 02	FSAR 19	19.59.10.05	COLA Part 2, FSAR Chapter 19, Subsection 19.59.10.5, second paragraph, will be revised as follows: "A review of the differences between the as-built plant and the design used as the basis for the AP1000 PRA and DCD Table 19.59-18 will be completed prior to fuel load. The plant-specific PRA-based insight differences will be evaluated and the plant-specific PRA model modified as necessary to account for plant-specific design and any design changes or departures from the design certification PRA."	RAI 19-2 - Commitment made in ND-09-0004 (VEGP RAI Letter # 020)
5265	Pt 02	FSAR 19	19.59.10.06	Add "(Reference 201)" {red, hyperlinked text} under heading "PRA Input to the Reactor Oversight Process" at the end of the first paragraph to read - "The mitigating systems performance indicators (MSPI) are evaluated based on the indicators and methodologies defined in NEI 99-02 (Reference 201)."	Consistent method for identifying referenced documents.
5267	Pt 02	FSAR 19	19.59.11	Add the following to include new Reference 201: 19.59.11 References [separator bar] Add the following text to the end of DCD Subsection 19.59.11:	Consistent method for identifying referenced documents.

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				201. NEI 99-02, Nuclear Energy Institute, "Regulatory Assessment Performance Indicator Guideline," Technical Report NEI 99-02, Revision 5, July 2007.	
2678	Pt 02	FSAR 19	19F	Add APP. 19F MALEVOLENT AIRCRAFT IMPACT (Page) 19F-1, to the TOC. Add a page to the end of Chapter 19 that contains the following: "APPENDIX 19F MALEVOLENT AIRCRAFT IMPACT This section of the referenced DCD is incorporated by reference with no departures or supplements."	Change per TR134, Rev. 5, NRC Item 248
Pt 04					224 COLA Changes
3163	Pt 04		A.1- / 1	Remove all of Section A.1 and replace with the following statements - "All generic bracketed items in the GTS and Bases have been completed. Plant-specific bracketed items are addressed in Section A.2."	WEC DCD Rev 17 conforming change
2679	Pt 04		A.2- / 2 and 6	Revise second sentence of initial paragraph to read "PSTS pages reflecting each PSTS change to the DCD GTS and Bases are provided in the Section B clean copy." Also remove all PSTS page in Section A from 3.1.4-4 through 5.6-2.	Duplicating these pages in A.2 and B (clean copy) is unnecessary.
3164	Pt 04		A.2-03.03.01 / 2	Add paragraph to address removal of Reviewer's Note to read: GTS 3.3.1 Specification 3.3.1 (Table 3.3.1-1) contains a Reviewer Note which addresses future confirmation of chosen setpoints. Remove the reviewer note in the PSTS. There is no replacement language. Justification: The reviewer's note information for this specification is deleted because it is not intended to be a part of technical specifications.	Address removal of bracketed Reviewer's Note
3165	Pt 04		A.2-03.03.02 / 2	Add paragraph to address removal of Reviewer's Note to read: GTS 3.3.2 Specification 3.3.2 (Table 3.3.2-1) contains a Reviewer Note which addresses future confirmation of chosen setpoints. Remove the reviewer note in the PSTS. There is no replacement language. Justification: The reviewer's note information for this specification is deleted because it is not intended to be a part of technical specifications.	Address removal of bracketed Reviewer's Note
4858	Pt 04		A.2-05.02.02 / 5	Change COLA Part 4, Section A.2, second item GTS 5.2.2	Letter ND-09-0480, dated April 1, 2009.
2680	Pt 04		A.2-05.03.01 / 6	TS5.3.1, change "prior to commercial operation" to "through the first refueling outage"	Consistent with NEI 06-13A
3166	Pt 04		B, 00 LOEP	Remove List of Effective Pages, TS-LOEP-1 and TS-LOEP-2	No longer applicable
3167	Pt 04		B, 00 TOC/Rev Summary	Technical Specifications Table of Contents/Revision Summary under Revision, Replace FSAR 0 with FSAR 1	conform to revision status of COLA
3168	Pt 04		B, 01.01 PTLR / 1.1-5	Revise PTLR reference to LCO 3.4.15 to LCO 3.4.14	WEC DCD Rev 17 conforming change
3169	Pt 04		B, 01.01 SDM / 1.1-6	Delete paragraph c of SHUTDOWN MARGIN definition	WEC DCD Rev 17 conforming change
3170	Pt 04		B, 01.01 STB / 1.1-6	Correct formatting for STAGGERED TEST BASIS to line up with the definition text	WEC DCD Rev 17 conforming change
3171	Pt 04		B, 03.01.04 / 3.1.4-1	Reformat LCO to read "All shutdown and control rods shall be OPERABLE. AND Individual indicated rod positions shall be within 12 steps of their group step counter demand position." -- Retain NOTE as previously provided	WEC DCD Rev 17 conforming change
3172	Pt 04		B, 03.01.04 / 3.1.4-4	In SR 3.1.4.3, remove brackets	WEC DCD Rev 17 conforming change

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
3173	Pt 04		B, 03.01.08 / 3.1.8-1	Revise LCO reference from Function 16.c to Function 16.b	WEC DCD Rev 17 conforming change
3174	Pt 04		B, 03.03.01 / 3.3.1-02-6	In TS 3.3.1, remove brackets from all Completion Times in each Condition - this change supersedes previous DCD changes and TVA letter (Qb 169) which put the brackets in.	WEC DCD Rev 17 conforming change
3175	Pt 04		B, 03.03.01 / 3.3.1-04-14	In TS 3.3.1, remove Condition L and make all necessary changes to re-letter the remaining Conditions, Required Actions and references in Table 3.3.1-1	WEC DCD Rev 17 conforming change
3176	Pt 04		B, 03.03.01 / 3.3.1-08-14	In TS 3.3.1, add new SR 3.3.1.3 and make all necessary changes to re-number the remaining Surveillances and references in Table 3.3.1-1	WEC DCD Rev 17 conforming change
3177	Pt 04		B, 03.03.01 / 3.3.1-09	In TS 3.3.1, revise SR 3.3.1.6 (for RTCOT) [now SR 3.3.1.7 per WEC DCD Rev 17] from a Frequency of 24 months to a Frequency of 92 days	WEC DCD Rev 17 conforming change
3178	Pt 04		B, 03.03.01 / 3.3.1-12	Page 3.3.1-12 - Delete bracketed Reviewer Note.	Reviewer's Notes not appropriate for final Tech Specs
3179	Pt 04		B, 03.03.01 / 3.3.1-13	In TS 3.3.1, Table 3.3.1-1, Function 11, revise Applicable MODES from 1 with footnote f to "1,2"	WEC DCD Rev 17 conforming change
3180	Pt 04		B, 03.03.01 / 3.3.1-13	In TS 3.3.1, Table 3.3.1-1, Function 11, revise AV from "230.4" to "190.4" and the Trip Setpoint from "230" to "190"	WEC DCD Rev 17 conforming change
3181	Pt 04		B, 03.03.01 / 3.3.1-15	In TS 3.3.1, Table 3.3.1-1, Note 1, remove brackets from [1]% & from [0.2% of RTP... ..and 0.14% of RTP for ?I]	WEC DCD Rev 17 conforming change
3182	Pt 04		B, 03.03.01 / 3.3.1-15	In TS 3.3.1, Table 3.3.1-1, Note 2, remove brackets from [0.2% of RTP... ..RTP for Tcold].	WEC DCD Rev 17 conforming change
3183	Pt 04		B, 03.03.01 / 3.3.1-15	In TS 3.3.1, Table 3.3.1-1, Note 1, in 4th line from bottom, revise RPT to RTP.	WEC DCD Rev 17 conforming change
5082	Pt 04		B, 03.03.02 / 3.3.2-1 to 3	In TS 3.3.2, remove brackets from all Completion Times in each Condition - this change supersedes previous DCD changes and TVA letter (Qb 169) which put the brackets in.	WEC DCD Rev 17 conforming change
3184	Pt 04		B, 03.03.02 / 3.3.2-12	In TS 3.3.2, revise SR 3.3.2.5 (for COT) from a Frequency of 24 months to a Frequency of 92 days	WEC DCD Rev 17 conforming change
3185	Pt 04		B, 03.03.02 / 3.3.2-14	In TS 3.3.2, Table 3.3.2-1, delete bracketed Reviewer Note	WEC DCD Rev 17 conforming change
3186	Pt 04		B, 03.03.02 / 3.3.2-18	In TS 3.3.2, Table 3.3.2-1, footnote (k), revise LCO 3.4.13 reference to LCO 3.4.12 and revise LCO 3.4.14 reference to LCO 3.4.13	WEC DCD Rev 17 conforming change
3187	Pt 04		B, 03.03.02 / 3.3.2-19	In TS 3.3.2, Table 3.3.2-1, footnote (k), revise LCO 3.4.13 reference to LCO 3.4.12 and revise LCO 3.4.14 reference to LCO 3.4.13	WEC DCD Rev 17 conforming change
3188	Pt 04		B, 03.03.02 / 3.3.2-19	In TS 3.3.2, Table 3.3.2-1, add new footnote (n) to read "(n) With the RCS being cooled by the RNS."	WEC DCD Rev 17 conforming change
3189	Pt 04		B, 03.03.02 / 3.3.2-20	In TS 3.3.2, Table 3.3.2-1, Function 11.b, revise AV from "230.4" to "190.4" and the Trip Setpoint from "230" to "190"	WEC DCD Rev 17 conforming change
3190	Pt 04		B, 03.03.02 / 3.3.2-22	In TS 3.3.2, Table 3.3.2-1, Function 14.b, revise Applicable MODE 4 with note (j) to MODE 4 with notes (j,m)	WEC DCD Rev 17 conforming change
3191	Pt 04		B, 03.03.02 / 3.3.2-22	In TS 3.3.2, Table 3.3.2-1, delete Function 15.c	WEC DCD Rev 17 conforming change
3192	Pt 04		B, 03.03.02 / 3.3.2-22	In TS 3.3.2, Table 3.3.2-1, add Function 16.f to read "f. Source Range Neutron Flux Doubling" with the following statement beginning in the column for Applicable MODES - "Refer to Function 15.a (Boron Dilution Block, Source Range Neutron Flux Doubling) for all requirements."	WEC DCD Rev 17 conforming change
3193	Pt 04		B, 03.03.02 / 3.3.2-23	In TS 3.3.2, Table 3.3.2-1, add Function 18.f to read "f. Reactor Trip Breaker Open, P-3" "1,2,3" "3 divisions" "D,M" "SR 3.3.2.3" "NA" "NA"	WEC DCD Rev 17 conforming change

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
3194	Pt 04		B, 03.03.02 / 3.3.2-24	In TS 3.3.2, Table 3.3.2-1, revise Function 20.b from "Battery Charger Input Voltage - Low" to read "b. Pressurizer Pressure - Low" "1,2,3(a)" "4" "B,M" "SR 3.3.2.1, SR 3.3.2.4, SR 3.3.2.5, SR 3.3.2.6" "1794.9 psig" "1795.3 psig"	WEC DCD Rev 17 conforming change
3195	Pt 04		B, 03.03.02 / 3.3.2-24	In TS 3.3.2, Table 3.3.2-1, add new footnote (a) to read "(a) Above the P-11 (Pressurizer Pressure) interlock, when the RCS boron concentration is below that necessary to meet the SDM requirements at an RCS temperature of 200°F."	WEC DCD Rev 17 conforming change
3196	Pt 04		B, 03.03.02 / 3.3.2-24	In TS 3.3.2, Table 3.3.2-1, revise Function 22 to omit item c	WEC DCD Rev 17 conforming change
3197	Pt 04		B, 03.03.02 / 3.3.2-25	In TS 3.3.2, Table 3.3.2-1, footnote (k), revise LCO 3.4.13 reference to LCO 3.4.12 and revise LCO 3.4.14 reference to LCO 3.4.13	WEC DCD Rev 17 conforming change
3198	Pt 04		B, 03.03.02 / 3.3.2-25	In TS 3.3.2, Table 3.3.2-1, add new footnote (j) to read "(j) With the RCS not being cooled by the Normal Residual Heat Removal System (RNS)."	WEC DCD Rev 17 conforming change
3199	Pt 04		B, 03.03.02 / 3.3.2-25	In TS 3.3.2, Table 3.3.2-1, add new footnote (n) to read "(n) With the RCS being cooled by the RNS."	WEC DCD Rev 17 conforming change
3200	Pt 04		B, 03.03.02 / 3.3.2-26	In TS 3.3.2, Table 3.3.2-1, delete footnote (m)	WEC DCD Rev 17 conforming change
3201	Pt 04		B, 03.03.04 / 3.3.4-1	In TS 3.3.4 Applicability, add "> or = 350°F" to end of "MODE 4 with RCS average temperature (Tavg)"	WEC DCD Rev 17 conforming change
3202	Pt 04		B, 03.03.05 / 3.3.5-1	In TS 3.3.5 Required Action B.1, revise SR reference from "3.3.1.5" to "3.3.1.6"	WEC DCD Rev 17 conforming change
3203	Pt 04		B, 03.04.10 / 3.4.10-2	In TS 3.4.10, remove SR 3.4.10.3"	WEC DCD Rev 17 conforming change
3204	Pt 04		B, 03.04.11 / 3.4.11-1	In TS 3.4.11 Condition C, revise final portion of Condition statement from "Requirements of LCO not met for reasons other than Condition A" to read "Requirements of LCO not met for reasons other than Condition A or B"	WEC DCD Rev 17 conforming change
3205	Pt 04		B, 03.04.17 / 3.4.17-2	In TS 3.4.17, revise "10 seconds" in SR 3.4.17.2 to "30 seconds"	WEC DCD Rev 17 conforming change
3207	Pt 04		B, 03.07.01 / 3.7.1-1	For Required Action A.1, add Completion Time of "4 hours"	WEC DCD Rev 17 conforming change
3208	Pt 04		B, 03.07.01 / 3.7.1-3	In TS 3.7.1, Table 3.7.1-1, revise Maximum Allowable Power (% RTP) column from "57, 44, 30, 17" to read "60, 46, 32, 18"	WEC DCD Rev 17 conforming change
3209	Pt 04		B, 03.07.02 / 3.7.2-1	In TS 3.7.2, Condition B, revise "moisture separator reheat supply steam control valves" to "moisture separator reheater 2nd stage steam isolation valves"	WEC DCD Rev 17 conforming change
3210	Pt 04		B, 03.07.02 / 3.7.2-2	In TS 3.7.2, Condition C, revise "moisture separator reheat supply steam control valves" to "moisture separator reheater 2nd stage steam isolation valves"	WEC DCD Rev 17 conforming change
3211	Pt 04		B, 03.07.02 / 3.7.2-3	In TS 3.7.2, Condition D, revise "moisture separator reheat supply steam control valves" to "moisture separator reheater 2nd stage steam isolation valves"	WEC DCD Rev 17 conforming change
3212	Pt 04		B, 03.07.02 / 3.7.2-4	In TS 3.7.2, SR 3.7.2.2, revise "moisture separator reheat supply steam control valves" to "moisture separator reheater 2nd stage steam isolation valves"	WEC DCD Rev 17 conforming change
3213	Pt 04		B, 03.07.09 / 3.7.9-2	In TS 3.7.9, SR 3.7.9.3, revise to add "SFS-PL-V042, SFS-PL-V045, SFS-PL-V049," to the list of valves just prior to SFS-PL-V066	WEC DCD Rev 17 conforming change
3214	Pt 04		B, 03.08.01 / 3.8.1-1	In TS 3.8.1, Required Action A.2, revise "[5] amps" to read "2 amps" with no brackets	WEC DCD Rev 17 conforming change
3215	Pt 04		B, 03.08.01 / 3.8.1-1	In TS 3.8.1, Required Action B.2, revise "[5] amps" to read "2 amps" with no brackets	WEC DCD Rev 17 conforming change
3216	Pt 04		B, 03.08.01 / 3.8.1-3	In TS 3.8.1, SR 3.8.1.2, revise "400 amps" to read "200 amps"	WEC DCD Rev 17 conforming change
3217	Pt 04		B, 03.08.07 / 3.8.7-1	In TS 3.8.7, Condition B, revise "[5] amps" to read "2 amps" with no brackets	WEC DCD Rev 17 conforming change
3218	Pt 04		B, 03.08.07 / 3.8.7-1	In TS 3.8.7, Required Action B.2, revise "[5] amps" to read "2 amps" with no brackets	WEC DCD Rev 17 conforming change

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
3219	Pt 04		B, 03.08.07 / 3.8.7-3	In TS 3.8.7, Condition F, revise "[5] amps" to read "2 amps" with no brackets	WEC DCD Rev 17 conforming change
3220	Pt 04		B, 03.08.07 / 3.8.7-3	In TS 3.8.7, SR 3.8.7.1, revise "[5] amps" to read "2 amps" with no brackets	WEC DCD Rev 17 conforming change
3221	Pt 04		B, 03.09.05 / 3.9.5-2	In TS 3.9.5, SR 3.9.5.2, revise reference to LCO "3.9.4.d.1" to read "3.9.5.d.1"	WEC DCD Rev 17 conforming change
3222	Pt 04		B, 04.00 / 4.0-6	In Figure 4.3-1, revise figure per DCD Rev 17 revision to Figure	WEC DCD Rev 17 conforming change
5089	Pt 04		B, 04.01.01 / 4.0-1	Fix typo by change "he 3,169-acre" to read "The 3,169-acre"	Correct typographical error
4861	Pt 04		B, 05.02.02 / 5.2-01	Change COLA Part 4, PSTS 5.2.2.b (which refers to TS 5.2.2.f) to read: b. Shift crew composition may be less than the minimum requirement of 10 CFR 50.54 (m)(2)(i) and 5.2.2.a and 5.2.2.e for a period of time not to exceed 2 hours in order to accommodate unexpected absence of on-duty shift crew members provided immediate action is taken to restore the shift crew composition to within the minimum requirements.	SNC letter ND-09-0480, dated April 1, 2009.
4859	Pt 04		B, 05.02.02 / 5.2-02	Change COLA Part 4, PSTS 5.2.2.d, and renumber current 5.2.2.e and 5.2.2.f as 5.2.2.d and 5.2.2.e, so that it reads: "d. The operations manager or assistant operations manager shall hold an SRO license. e. An individual shall provide advisory technical support to the unit operations shift crew in the areas of thermal hydraulics, reactor engineering, and plant analysis with regard to the safe operation of the unit. This individual shall meet the qualifications specified by the Commission Policy Statement on Engineering Expertise on Shift."	Commitment from SNC letter ND-09-0480, dated April 1, 2009
3223	Pt 04		B, 05.02.02 / 5.2-2	In COLA Part 4, Technical Specification 5.2.2, remove the underline from the Unit Staff (continued) header on page 5.2-2.	Editorial revision for consistency with WEC DCD GTS
3224	Pt 04		B, 05.03.01 / 5.3-1	8. COLA Part 4, Technical Specification 5.3.1 will be revised from: a. During cold license operator training prior to Commercial operation, the... To read: a. During cold license operator training through the first refueling outage, the...	RAI LTR 081 response to RAI 13.02.01-01, item 8
3225	Pt 04		B, 05.05.03	COLA Part 4, Technical Specifications and Bases, are revised as indicated below. 1. Technical Specification 5.5.3 is revised from: a. Testing frequencies specified in Section XI of the ASME Boiler and Pressure Vessel Code and applicable Addenda as follows: ASME Boiler and Pressure Vessel Code and applicable Addenda Terminology for inservice testing activities Required Frequencies for performing inservice testing activities To read: a. Testing frequencies specified in the ASME OM Code and applicable Addenda as follows: ASME OM Code and applicable Addenda Terminology for inservice testing activities Required Frequencies for performing inservice testing activities	DUPLICATE INFO - See Qb 1791 & 1792 - RAI LTR 007 S1 response to RAI 03.09.06-16, item 1
3226	Pt 04		B, 05.05.03 / 5.5-3	In TS 5.5.3.a, revise leading statement from "Testing frequencies specified in Section XI of the ASME Boiler and Pressure Vessel Code and applicable Addenda as follows" to read "Testing frequencies specified in the ASME OM Code and applicable Addenda as follows"	WEC DCD Rev 17 conforming change
3227	Pt 04		B, 05.05.03 / 5.5-3	In TS 5.5.3.a, revise Terminology heading from "ASME Boiler and Pressure Vessel Code and applicable Addenda Terminology for inservice testing activities" to read "ASME OM Code and applicable Addenda Terminology for inservice testing activities"	WEC DCD Rev 17 conforming change
3228	Pt 04		B, 05.05.03 / 5.5-4	In TS 5.5.4.a, revise last sentence from "...SG tubes are inspected, plugged, to confirm..." to read "...SG tubes are inspected or plugged, to confirm..."	WEC DCD Rev 17 conforming change

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
3229	Pt 04		B, 05.05.08 / 5.5-9	In TS 5.5.8.d.2.a and b, remove brackets from "[0.05]" "[0.01]" and "[10]"	WEC DCD Rev 17 conforming change
3230	Pt 04		B, 05.06.06 / 5.6-4	In TS 5.6.6.a, revise reference to LCO from "3.4.15" to "3.4.14"	WEC DCD Rev 17 conforming change
3231	Pt 04		B, 05.06.06 / 5.6-5	In TS 5.6.6.b, revise reference to LCO from "3.4.15" to "3.4.14"	WEC DCD Rev 17 conforming change
3232	Pt 04		B, B 00 LOEP	Remove List of Effective Pages, TS-BASES-LOEP-1 thru TS-BASES-LOEP-3	No longer applicable
5090	Pt 04		B, B 00 TOC/ ii and iii	Add a line space between "B3.4 REACTOR COOLANT SYSTEM (RCS) (continued)" and the next line "B3.4.10 RCS Specific Activity". Also add a line space between "B 3.7 PLANT SYSTEMS (continued)" and the next line "B3.7.4 Secondary Specific Activity".	Editorial format consistency with GTS in DCD Revision 17.
3233	Pt 04		B, B 00 TOC/Rev Summary	Technical Specifications Bases Table of Contents/Revision Summary under Revision, Replace FSAR 0 with FSAR 1	Conformance with revision of COLA
3234	Pt 04		B, B02.01.02 / B2.1.2-03	For B2.1.2, revise Reference 4 from 10CFR100 to 10 CFR 50.34 and revise Reference 5 to delete "System"	WEC DCD Rev 17 conforming change
3235	Pt 04		B, B03.00.06 / B3.0-08	For B3.0.6 LCO Bases, in the next to last paragraph, revise beginning of sentence from "Since operations is being restricted..." to read "Since operations are being restricted..."	WEC DCD Rev 17 conforming change
3236	Pt 04		B, B03.01.01 / B3.1.1-04	For B3.1.1 LCO, in the last paragraph, revise Reference 3 from 10 CFR 100 to 10 CFR 50.34	WEC DCD Rev 17 conforming change
3237	Pt 04		B, B03.01.01 / B3.1.1-05	For B3.1.1, References, revise Reference 3 from 10 CFR 100 to 10 CFR 50.34	WEC DCD Rev 17 conforming change
3238	Pt 04		B, B03.01.04 / B3.1.4-01	For B3.1.4, Background, in the third sentence of the first paragraph, revise "Gray Rod Control Assemblies" to "Gray Rod Cluster Assemblies"	WEC DCD Rev 17 conforming change
3239	Pt 04		B, B03.01.04 / B3.1.4-09	For B3.1.4, SR 3.1.4.2, in the last sentence, revise "Gray Rod Control Assemblies" to "GRCA"	WEC DCD Rev 17 conforming change
3240	Pt 04		B, B03.01.04 / B3.1.4-10	For B3.1.4, SR 3.1.4.3, in the last sentence of the first paragraph, revise "Gray Rod Control Assemblies" to "GRCA"	WEC DCD Rev 17 conforming change
3241	Pt 04		B, B03.01.07 / B3.1.7-6	Correct Headers to reflect underline.	Editorial revision for consistency with DCD
3242	Pt 04		B, B03.01.08 / B3.1.8-05	For B3.1.8, Applicability, revise "5% RPT" to read "5% RTP" in two places	WEC DCD Rev 17 conforming change
3243	Pt 04		B, B03.01.08 / B3.1.8-05	For B3.1.8, Actions D.1, revise beginning of first sentence from "If the Required Actions cannot...." to read "If the Required Action of Condition C cannot...."	WEC DCD Rev 17 conforming change
3244	Pt 04		B, B03.02.01 / B3.2.1-06	For B3.2.1, Actions B.2, revise the reference to an "8 hours" Completion Time to "72 hours"	WEC DCD Rev 17 conforming change
3245	Pt 04		B, B03.02.05 / B3.2.5-03	For B3.2.5, Applicability, revise the end of the first paragraph from "MODES 1 and 2 with Keff ?1" to read "MODES 1 and 2"	WEC DCD Rev 17 conforming change
3246	Pt 04		B, B03.03.01 / B3.3.1-17 & 18	For B3.3.1, Function 10, item a, revise each reference to RCS cold leg or legs to reference the RCS hot leg or legs. 5 occurrences in 3 paragraphs.	WEC DCD Rev 17 conforming change
3247	Pt 04		B, B03.03.01 / B3.3.1-18	For B3.3.1, Function 11.a, revise reference to MODE 1 above P-10 to simply reference "MODE 1 or 2" in the second and third paragraphs.	WEC DCD Rev 17 conforming change
3248	Pt 04		B, B03.03.01 / B3.3.1-18	For B3.3.1, Function 11.a, revise first paragraph to delete the second sentence - "Above the P-10 setpoint, high bearing water temperature in any RCP will initiate a reactor trip."	WEC DCD Rev 17 conforming change
3249	Pt 04		B, B03.03.01 / B3.3.1-22	For B3.3.1, Function 16.b(1), delete bullet for RCP Bearing Water Temperature - High, - move the "and" to previous bullet	WEC DCD Rev 17 conforming change

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
3250	Pt 04		B, B03.03.01 / B3.3.1-23	For B3.3.1, Function 16.b(5), delete bullet for RCP Bearing Water Temperature - High, - move the "and" to previous bullet	WEC DCD Rev 17 conforming change
5083	Pt 04		B, B03.03.01 / B3.3.1-27 to 35	For Tech Spec Basis B3.3.1 remove all brackets from from this section, including [6] hours, Reference [7], [2] hours, [13] hours, [7] hours, [48] hours	WEC DCD Rev 17 conforming change
3251	Pt 04		B, B03.03.01 / B3.3.1-29	For B3.3.1, Actions E.1.1, E.1.2, and E.2, revise list of bullets to include new 6th (of 8) bullets that reads "RCP Bearing Water Temperature - High;"	WEC DCD Rev 17 conforming change
3252	Pt 04		B, B03.03.01 / B3.3.1-31	For B3.3.1, Actions K.1.1, K.1.2, and K.2, revise third bullet from "Reactor Coolant Flow - Low (Both Hot Legs);" to read "Reactor Coolant Flow - Low; and"	WEC DCD Rev 17 conforming change
3253	Pt 04		B, B03.03.01 / B3.3.1-32	For B3.3.1, Actions K.1.1, K.1.2, and K.2, revise to delete bullet for "RCP Bearing Water Temperature - High (Two Pumps); and"	WEC DCD Rev 17 conforming change
3254	Pt 04		B, B03.03.01 / B3.3.1-32-36	For B3.3.1, delete Bases for Actions L.1.1, L.1.2, and L.2 and re-letter remaining Actions	WEC DCD Rev 17 conforming change
3255	Pt 04		B, B03.03.01 / B3.3.1-36	For B3.3.1, Actions R.1 and R.2 (as revised to Q.1 and Q.2), revise the reference to "...enters Condition L" to read "...enters Condition R"	WEC DCD Rev 17 conforming change
3256	Pt 04		B, B03.03.01 / B3.3.1-36	For B3.3.1, Actions S.1, S.2, and S.3 (as revised to R.1, R.2, and R.3), revise the reference in the 2nd paragraph to "Required Action L.11..." to read "Required Action R.3..."	WEC DCD Rev 17 conforming change
3257	Pt 04		B, B03.03.01 / B3.3.1-37	For B3.3.1, SR 3.3.1.1, 3rd paragraph, revise the reference to "Reactor Coolant Flow - each cold leg" to read "Reactor Coolant Flow - each hot leg"	WEC DCD Rev 17 conforming change
3258	Pt 04		B, B03.03.01 / B3.3.1-39-45	For B3.3.1, add new SR 3.3.1.3 Bases, and renumber each of the remaining SRs and each reference to any renumbered SR	WEC DCD Rev 17 conforming change
3259	Pt 04		B, B03.03.01 / B3.3.1-40	For B3.3.1, SR 3.3.1.6 (now SR 3.3.1.7), first paragraph, revise the reference to the frequency from "24 months" to read "92 days"	WEC DCD Rev 17 conforming change
3260	Pt 04		B, B03.03.01 / B3.3.1-41	For B3.3.1, SR 3.3.1.6 (now SR 3.3.1.7), 8th paragraph, revise the reference to the frequency from "24 months" to read "92 days"	WEC DCD Rev 17 conforming change
3261	Pt 04		B, B03.03.01 / B3.3.1-45	For B3.3.1, SR 3.3.1.11 (now SR 3.3.1.12), last paragraph, revise the first sentence to begin "The SR 3.3.1.12 is modified by a note exempting..."	WEC DCD Rev 17 conforming change
5085	Pt 04		B, B03.03.01 / B3.3.1-45	Revise Reference 7. to read: APP-GW-GSC-020, "Technical Specification Completion Time and Surveillance Frequency Justification."	WEC DCD Rev 17 conforming change
3262	Pt 04		B, B03.03.02 / B3.3.2-28	For B3.3.2, Function 11, remove last sentence which reads "RCP trip is actuated by HighRCP bearing water temperature ADS Stages 1, 2, and 3 Actuation (Function 9), and CMT actuation." Replace with "A high bearing water temperature trip signal will result in the tripping of all the RCPs. RCP trip is actuated by High RCP bearing water temperature, ADS Stages 1, 2, and 3 Actuation (Function 9), Manual CMT Actuation (Function 2.a), Pressurizer Water Level - Low 2, and Safeguards Actuation (Function 1)."	WEC DCD Rev 17 conforming change
3263	Pt 04		B, B03.03.02 / B3.3.2-28	For B3.3.2, Function 11.b, revise first sentence beginning from "Each affected RCP will be tripped if two-out-of-four sensors on the RCP..." to read "The RCPs are tripped if two-out-of-four sensors on any RCP..."	WEC DCD Rev 17 conforming change
3264	Pt 04		B, B03.03.02 / B3.3.2-33	For B3.3.2, Function 14.b, remove the sentence that reads "This Function is required to be OPERABLE in MODES 1, 2, and 3, and in MODE 4 when the RCS is not being cooled by the RNS."	WEC DCD Rev 17 conforming change
3265	Pt 04		B, B03.03.02 /	For B3.3.2, delete Function 15.c	WEC DCD Rev 17 conforming change

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
			B3.3.2-34		
3266	Pt 04		B, B03.03.02 / B3.3.2-34	For B3.3.2, Function 15, revise the last sentence to read "This Function is actuated by Source Range Neutron Flux Doubling and Reactor Trip"	WEC DCD Rev 17 conforming change
3267	Pt 04		B, B03.03.02 / B3.3.2-37	For B3.3.2, insert new Function 16.f to read "16.f. Source Range Neutron Flux Doubling (Function 15.a) Chemical Volume Control System Makeup Isolation is actuated by the Source Range Neutron Flux Doubling Function. The Source Range Neutron Flux Doubling Function requirements are the same as the requirements for Boron Dilution Block Function 15.a, Source Range Neutron Flux Doubling. Therefore, the requirements are not repeated in Table 3.3.2-1, and Function 15.a is referenced for all requirements."	WEC DCD Rev 17 conforming change
3268	Pt 04		B, B03.03.02 / B3.3.2-39	For B3.3.2, Function 18.a, in the 2nd paragraph, remove the capitalization from "Function"	WEC DCD Rev 17 conforming change
3269	Pt 04		B, B03.03.02 / B3.3.2-39	For B3.3.2, Function 18.a, in the last paragraph, revise "Multiplication" to "Doubling"	WEC DCD Rev 17 conforming change
3270	Pt 04		B, B03.03.02 / B3.3.2-41	For B3.3.2, Function 18.e, 2nd sentence, revise from "With RCS pressure below the P-19 setpoint, the operator can manually block CVS isolation on High 2 pressurizer water level" to read "With RCS pressure below the P-19 setpoint, the operator can manually block CVS isolation on High 2 pressurizer water level and block Passive RHR actuation and Pressurizer Heater Trip on High 3 pressurizer water level." Also revise third sentence from "When RCS pressure is above the P-19 setpoint, this Function is automatically unblocked." to read "When RCS pressure is above the P-19 setpoint, these Functions are automatically unblocked."	WEC DCD Rev 17 conforming change
3271	Pt 04		B, B03.03.02 / B3.3.2-41	Revise Section B3.3.2 18f to read: "The P-3 interlock is provided to permit the block of automatic Safeguards Actuation after a predetermined time interval following automatic Safeguards Actuation. The reactor trip breaker position switches that provide input to the P-3 interlock only function to energize or de-energize (open or close) contacts. Therefore, this Function does not have an adjustable Trip Setpoint."	WEC DCD Rev 17 conforming change
3272	Pt 04		B, B03.03.02 / B3.3.2-42	For B3.3.2, revise Function 20.b from Batter Charger Input Voltage - Low to Pressurizer Pressure - Low - "20.b. Pressurizer Pressure - Low This signal provides protection against a potential release of radioactivity due to a LOCA. The transmitters are located inside containment, with the taps in the vapor space region of the pressurizer, and thus possibly experiencing adverse environmental conditions (LOCA, SLB inside containment). Therefore, the Trip Setpoint reflects the inclusion of both steady-state and adverse environmental instrument uncertainties. The LCO requires four channels of Pressurizer Pressure - Low to be OPERABLE in MODES 1, 2, and 3 (above P-11, when the RCS boron concentration is below that necessary to meet the SDM requirements at an RCS temperature of 200°F), to mitigate the consequences of a high energy line rupture inside containment. Four channels are provided to permit one channel to be in trip or bypass indefinitely and still ensure no single random failure will disable this trip Function. This signal may be manually blocked by the operator below the P-11 setpoint. This Function is not required to be OPERABLE in MODE 3 below the P-11 setpoint."	WEC DCD Rev 17 conforming change
3273	Pt 04		B, B03.03.02 / B3.3.2-42	For B3.3.2, Function 21, in the fourth sentence, revise "...spray line is isolated" to "...spray line are isolated"	WEC DCD Rev 17 conforming change
3274	Pt 04		B, B03.03.02 / B3.3.2-44	For B3.3.2, delete Function 22.c	WEC DCD Rev 17 conforming change
5084	Pt 04		B, B03.03.02 /	For Tech Spec Basis B 3.3.2 remove all brackets from from this section, including [6]	WEC DCD Rev 17 conforming change

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
			B3.3.2-49 to 53	hours, Reference [6], [7] hours	
3275	Pt 04		B, B03.03.02 / B3.3.2-50	Pages B3.3.2-50 - Add line space between header B.1 and B.2 and the text.	Editorial format consistency with GTS
5088	Pt 04		B, B03.03.02 / B3.3.2-50	Pages B3.3.2-50 - Condition D.1, Change "P-3 and P-4" to read "P-3 & P-4" through 2nd paragraph. Also add "s" after Function so it reads (Functions 18.a and 18.f). Also change "Interlocks is enabled" to read "Interlocks are enabled". Also change "can not" to read "cannot" with word underlined.	Editorial format consistency with GTS in DCD Revision 17.
3276	Pt 04		B, B03.03.02 / B3.3.2-51	For B3.3.2, Action E.1, add two new bullets to first paragraph such that the last four bullets are now "CVS Makeup Line Isolation; IRWST Injection Line Valve Actuation; IRWST Containment Recirculation Valve Actuation; Steam Generator PORV Flow Path Isolation."	WEC DCD Rev 17 conforming change
5412	Pt 04		B, B03.03.02 / B3.3.2-52	Add a line space between I.1 and I.2 and the following paragraph.	Formatting consistency.
3277	Pt 04		B, B03.03.02 / B3.3.2-54	For B3.3.2, Action K.1, Revise beginning of first sentence from "LCO 3.08..." to read "LCO 3.0.8..."	WEC DCD Rev 17 conforming change
3278	Pt 04		B, B03.03.02 / B3.3.2-62	For B3.3.2, Action BB.1 and BB.2, revise 2nd paragraph to remove both references to "IRWST injection and"	WEC DCD Rev 17 conforming change
3279	Pt 04		B, B03.03.02 / B3.3.2-64	For B3.3.2, SR 3.3.2.3, revise first sentence to read "SR 3.3.2.3 is the performance of a TADOT of the manual actuations, initiations, and blocks for various ESF Functions, the reactor trip breaker open (P-3), and the reactor trip (P-4) input from the IPCs."	WEC DCD Rev 17 conforming change
3280	Pt 04		B, B03.03.02 / B3.3.2-64	For B3.3.2, SR 3.3.2.3, revise last paragraph to read "The SR is modified by a Note that excludes verification of setpoints from the TADOT. The functions have no setpoints associated with them."	WEC DCD Rev 17 conforming change
3281	Pt 04		B, B03.03.02 / B3.3.2-64	For B3.3.2, SR 3.3.2.5, add a line space between the SR 3.3.2.5 header and the first paragraph	WEC DCD Rev 17 conforming change
3282	Pt 04		B, B03.03.02 / B3.3.2-64	For B3.3.2, SR 3.3.2.5, revise the first paragraph frequency reference from "24 months" to "92 days"- also earlier in the sentence revise "an" to "a"	WEC DCD Rev 17 conforming change
3283	Pt 04		B, B03.03.02 / B3.3.2-65	For B3.3.2, SR 3.3.2.5, revise the 8th paragraph frequency reference from "24 month" to "92 day"	WEC DCD Rev 17 conforming change
5086	Pt 04		B, B03.03.02 / B3.3.2-67	Revise Reference 6. to read: APP-GW-GSC-020, "Technical Specification Completion Time and Surveillance Frequency Justification."	WEC DCD Rev 17 conforming change
3284	Pt 04		B, B03.03.04 / B3.3.4-02	For B3.3.4, Applicability, revise the reference to "MODE 4 with Tavg < 350°F" to read "MODE 4 with Tavg >= 350°F"	WEC DCD Rev 17 conforming change
3285	Pt 04		B, B03.03.05 / B3.3.5-03	For B3.3.5, Actions B.1 and B.2, revise the four references to "SR 3.3.1.5" to read "SR 3.3.1.6"	WEC DCD Rev 17 conforming change
3286	Pt 04		B, B03.04.06 / B3.4.6-04	For B3.4.6, SR 3.4.6.1, revise the references to "ASME Code Section XI" to read "ASME OM Code"	WEC DCD Rev 17 conforming change
3287	Pt 04		B, B03.04.06 / B3.4.6-04	For B3.4.6, References, revise reference 4 from ASME Code Section XI to read "ASME OM Code, "Code for Operation and Maintenance of Nuclear Power Plants.""	WEC DCD Rev 17 conforming change
3288	Pt 04		B, B03.04.06 / B3.4.6-04	COLA Part 4, Technical Specifications and Bases, are revised as indicated below. 3. Technical Specification Bases 3.4.6 Reference 4 is revised from:	RAI LTR 007 S1 response to RAI 03.09.06-16, item 3

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				4. ASME Boiler and Pressure Vessel Code, Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components." To read: 4. ASME OM Code, "Code for Operation and Maintenance of Nuclear Power Plants."	
3289	Pt 04		B, B03.04.06.01	COLA Part 4, Technical Specifications and Bases, are revised as indicated below. 2. Technical Specification Bases for SR 3.4.6.1 is revised from: SRs are specified in the Inservice Testing Program. Pressurizer safety valves are to be tested one at a time and in accordance with the requirements of ASME Code Section XI (Ref. 4), which provides the activities and Frequency necessary to satisfy the SRs. To read: SRs are specified in the Inservice Testing Program. Pressurizer safety valves are to be tested one at a time and in accordance with the requirements of ASME OM Code (Ref. 4), which provides the activities and Frequency necessary to satisfy the SRs.	RAI LTR 007 S1 response to RAI 03.09.06-16, item 2
3290	Pt 04		B, B03.04.08 / B3.4.8-02	For B3.4.8, LCO, 2nd and 5th paragraphs, revise capitalization of NOTE to Note	WEC DCD Rev 17 conforming change
3291	Pt 04		B, B03.04.09 / B3.4.9-03	For B3.4.9, Actions, insert new first paragraph to discuss Actions Note - "The actions are modified by a Note that indicates that the provisions of LCO 3.0.4 are not applicable. As a result, a MODE change is allowed when leakage detection channels are inoperable. This allowance is provided because in each condition other instrumentation is available to monitor for RCS LEAKAGE."	WEC DCD Rev 17 conforming change
3292	Pt 04		B, B03.04.09 / B3.4.9-03	For B3.4.9, Actions A.1 and A.2, revise capitalization of CONDITION to Condition	WEC DCD Rev 17 conforming change
3293	Pt 04		B, B03.04.09 / B3.4.9-04	For B3.4.9, Actions C.1.1, C.1.2, and C.2, delete last (fourth) paragraph of Bases.	WEC DCD Rev 17 conforming change
3294	Pt 04		B, B03.04.09 / B3.4.9-05	For B3.4.9, Actions, insert new paragraph to discuss Action E.1 - "E.1 With all required monitors inoperable, no automatic means of monitoring leakage is available and plant shutdown in accordance with LCO 3.0.3 is required."	WEC DCD Rev 17 conforming change
3296	Pt 04		B, B03.04.11 / B3.4.11-02	For B3.4.11, Background, revise times in 6th paragraph from "25" and "70" seconds to "40" and "100" seconds respectively.	WEC DCD Rev 17 conforming change
3297	Pt 04		B, B03.04.11 / B3.4.11-03	In TS 3.4.11 Bases for Actions C.1 and C.2, revise the final portion of the first sentence which refers to "...Condition A" to refer to "...Condition A or B"	WEC DCD Rev 17 conforming change
3298	Pt 04		B, B03.04.11 / B3.4.11-04	For B3.4.11, SR 3.4.11.3, revise first sentence of second paragraph from "The squib valves will be tested in accordance with ASME Section XI which specifies valve testing in accordance with the ASME OM Code" to "The squib valves will be tested in accordance with the ASME OM Code."	DUPLICATE INFO - WEC DCD Rev 17 conforming change
3299	Pt 04		B, B03.04.11 / B3.4.11-04	COLA Part 4, Technical Specifications and Bases, are revised as indicated below. 4. Technical Specification Bases for SR 3.4.11.3, second paragraph is revised from: The squib valves will be tested in accordance with ASME Section XI which specifies valve testing in accordance with the ASME OM Code. To read: The squib valves will be tested in accordance with ASME OM Code.	RAI LTR 007 S1 response to RAI 03.09.06-16, item 4
3300	Pt 04		B, B03.04.12 / B3.4.12-02	For B3.4.12, SR 3.4.12.1, revise first sentence to omit the parenthetical "(SR 3.4.11.1)"	WEC DCD Rev 17 conforming change
3301	Pt 04		B, B03.04.14 / B3.4.14-07	For B3.4.14, SR 3.4.14.4, revise the fourth sentence beginning from "The ASME Code, Section XI, (Ref. 5), test..." to read "The ASME OM Code (Ref. 5) test..."	DUPLICATE INFO - WEC DCD Rev 17 conforming change
3302	Pt 04		B, B03.04.14 / B3.4.14-07	COLA Part 4, Technical Specifications and Bases, are revised as indicated below. 5. Technical Specification Bases for SR 3.4.14.4, last sentence of first paragraph, is	RAI LTR 007 S1 response to RAI 03.09.06-16, item 5

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				revised from: The ASME Code, Section XI (Ref. 5), test per Inservice Testing Program verifies OPERABILITY by proving proper relief valve mechanical motion and by measuring and, if required, adjusting the lift setpoint. To read: The ASME OM Code (Ref. 5) test per Inservice Testing Program verifies OPERABILITY by proving proper relief valve mechanical motion and by measuring and, if required, adjusting the lift setpoint.	
3303	Pt 04		B, B03.04.14 / B3.4.14-08	For B3.4.14, References, revise reference 5 from ASME Code Section XI to read "ASME OM Code, "Code for Operation and Maintenance of Nuclear Power Plants.""	DUPLICATE INFO - WEC DCD Rev 17 conforming change
3304	Pt 04		B, B03.04.14 / B3.4.14-08	COLA Part 4, Technical Specifications and Bases, are revised as indicated below. 6. Technical Specification Bases 3.4.14 Reference 5 is revised from: 5. ASME Boiler and Pressure Vessel Code, Section XI. To read: 5. ASME OM Code, "Code for Operation and Maintenance of Nuclear Power Plants."	RAI LTR 007 S1 response to RAI 03.09.06-16, item 6
3305	Pt 04		B, B03.04.15 / B3.4.15-04	For B3.4.15, Action A.2, revise first sentence to read "Required Action A.2 specifies verification that a second OPERABLE PIV can meet the leakage limits."	WEC DCD Rev 17 conforming change
3306	Pt 04		B, B03.04.15 / B3.4.15-05	For B3.4.15, SR 3.4.15.1, revise the reference to ASME Code Section XI in the last sentence to read "(ASME) OM Code (Ref. 5)."	DUPLICATE INFO - WEC DCD Rev 17 conforming change
3307	Pt 04		B, B03.04.15 / B3.4.15-05	For B3.4.15, References, revise reference 5 from ASME Code Section XI to read "ASME OM Code, "Code for Operation and Maintenance of Nuclear Power Plants.""	DUPLICATE INFO - WEC DCD Rev 17 conforming change
3308	Pt 04		B, B03.04.15 / B3.4.15-05	COLA Part 4, Technical Specifications and Bases, are revised as indicated below. 7. Technical Specification Bases for SR 3.4.15.1, last sentence of last paragraph, is revised from: The 24 month Frequency is consistent with 10 CFR 50.55a(g) (Ref. 4) as contained in the Inservice Testing Program and is within frequency allowed by the American Society of Mechanical Engineers (ASME) Code, Section XI (Ref. 5). To read: The 24 month Frequency is consistent with 10 CFR 50.55a(g) (Ref. 4) as contained in the Inservice Testing Program and is within frequency allowed by the American Society of Mechanical Engineers (ASME) OM Code (Ref. 5).	RAI LTR 007 S1 response to RAI 03.09.06-16, item 7
3309	Pt 04		B, B03.04.15 / B3.4.15-05	COLA Part 4, Technical Specifications and Bases, are revised as indicated below. 8. Technical Specification Bases 3.4.15 Reference 5 is revised from: 5. ASME Boiler and Pressure Vessel Code, Section XI. To read: 5. ASME OM Code, "Code for Operation and Maintenance of Nuclear Power Plants."	RAI LTR 007 S1 response to RAI 03.09.06-16, item 8
3310	Pt 04		B, B03.04.18 / B3.4.18-02	For B3.4.18, ASA, in the next to last paragraph, revise Reference 3 from 10 CFR 100 to 10 CFR 50.34	WEC DCD Rev 17 conforming change
3311	Pt 04		B, B03.04.18 / B3.4.18-04 & -05	For B3.4.18, ACTIONS, underline the headers "A.1 and A.2" and "B.1 and B.2"	Editorial revision for consistency with WEC DCD GTS
3312	Pt 04		B, B03.04.18 / B3.4.18-07	For B3.4.18, References, revise Reference 3 from 10 CFR 100 to 10 CFR 50.34	WEC DCD Rev 17 conforming change
3295	Pt 04		B, B03.04.18 / B3.4.18-5 & 6	Correct Headers to reflect underline.	Editorial revision for consistency with DCD
3313	Pt 04		B, B03.05.01 / B3.5.1-04	For B3.5.1, Action A.1, revise first sentence of second paragraph from "...verified once per 24 hours" to read "...verified once per 12 hours"	WEC DCD Rev 17 conforming change
3314	Pt 04		B, B03.05.05 /	For B3.5.5, Action D.1, revise last sentence reference to LCO 3.4.4 to reference LCO 3.5.4	WEC DCD Rev 17 conforming change

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
			B3.5.5-03		
3315	Pt 04		B, B03.05.06 / B3.5.6-05	For B3.5.6, SR 3.5.6.7, revise first sentence of second paragraph from "The squib valves will be tested in accordance with ASME Section XI which specifies valve testing in accordance with the ASME OM Code." to read "The squib valves will be tested in accordance with the ASME OM Code."	DUPLICATE INFO - WEC DCD Rev 17 conforming change
3316	Pt 04		B, B03.05.06 / B3.5.6-05	COLA Part 4, Technical Specifications and Bases, are revised as indicated below. 9. Technical Specification Bases for SR 3.5.6.7, second paragraph is revised from: The squib valves will be tested in accordance with ASME Section XI which specifies valve testing in accordance with the ASME OM Code. To read: The squib valves will be tested in accordance with the ASME OM Code.	RAI LTR 007 S1 response to RAI 03.09.06-16, item 9
3317	Pt 04		B, B03.06.03 / B3.6.3-09	For B3.6.3, SR 3.6.3.5, revise last sentence from "The Frequency of this SR is in accordance with the Inservice Testing Program." to read "The 24 month Frequency is based on the need to perform this Surveillance under the conditions that apply during a plant outage and the potential for an unplanned transient if the Surveillance were performed with the reactor at power. Operating experience has shown that these components usually pass this Surveillance when performed at the 24 month Frequency. Therefore, the Frequency was concluded to be acceptable from a reliability standpoint."	WEC DCD Rev 17 conforming change
3318	Pt 04		B, B03.06.06 / B3.6.6-05	For B3.6.6, Actions D.1 and D.2, revise first sentence from "If any of the Required Actions and associated Completion Times for Condition A or B are not met, or if the LCO is not met for reasons other than Condition A or B, the plant must be brought to a MODE in which the LCO does not apply." to read "If any of the Required Actions and associated Completion Times are not met, or if the LCO is not met for reasons other than Condition A, B, or C, the plant must be brought to a MODE in which the LCO does not apply."	WEC DCD Rev 17 conforming change
3319	Pt 04		B, B03.06.07 / B3.6.7-02	For B3.6.7, Actions D.1.1, D.1.2, and D.2, revise first sentence from "Action must be initiated if any of the Required Actions and associated Completion Times for Condition A or B are not met, or if the LCO is not met for reasons other than Condition A or B." to read "Action must be initiated if any of the Required Actions and associated Completion Times are not met, or if the LCO is not met for reasons other than Condition A, B, or C."	WEC DCD Rev 17 conforming change
3320	Pt 04		B, B03.06.08 / B3.6.8-08	For B3.6.8, Figure B 3.6.8-1, revise the figure to remove the brackets and center the figure number and title. Also add Note that states "This figure is for illustration only. Do not use for operation."	WEC DCD Rev 17 conforming change
3321	Pt 04		B, B03.07.01 / B3.7.1-05	For B3.7.1, Action A.1 and A.2, add new last paragraph to read "The allowed Completion Times are reasonable based on operating experience to accomplish the Required Actions in an orderly manner without challenging unit systems."	WEC DCD Rev 17 conforming change
3322	Pt 04		B, B03.07.01 / B3.7.1-05	For B3.4.7, SR 3.7.1.1, revise the second sentence to read "The safety and relief valve test are required to be performed in accordance with ASME OM Code (Ref. 5)."	DUPLICATE INFO - WEC DCD Rev 17 conforming change
3323	Pt 04		B, B03.07.01 / B3.7.1-05	COLA Part 4, Technical Specifications and Bases, are revised as indicated below. 10. Technical Specification Bases for SR 3.7.1.1, second sentence, is revised from: The ASME Code, Section XI (Ref. 4), requires that safety and relief valve tests be performed in accordance with ASME OM Code (Ref. 5). To read: The safety and relief valve tests are required to be performed in accordance with ASME OM Code (Ref. 5).	RAI LTR 007 S1 response to RAI 03.09.06-16, item 10
3324	Pt 04		B, B03.07.01 / B3.7.1-06	COLA Part 4, Technical Specifications and Bases, are revised as indicated below. 11. Technical Specification Bases 3.7.1 Reference 5 is revised from: 5. ASME OM Code-1995 and Addenda through the 1996 Addenda, "Requirements for Inservice Performance Testing of Nuclear Power Plant Pressure Relief Devices in Light Water Reactor Power Plants."	RAI LTR 007 S1 response to RAI 03.09.06-16, item 11

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				To read: 5. ASME OM Code-1995 and Addenda through the 1996 Addenda, "Code for Operation and Maintenance of Nuclear Power Plants."	
3325	Pt 04		B, B03.07.02 / B3.7.2-01	For B3.7.2, Background, revise first sentence of third paragraph to begin "The MSIVs, turbine stop and control valves, turbine bypass valves, and moisture separator reheater 2nd stage steam isolation valves close..."	WEC DCD Rev 17 conforming change
3326	Pt 04		B, B03.07.02 / B3.7.2-01	For B3.7.2, Background, revise last sentence of fifth paragraph to read "Descriptions for the turbine bypass valves, and moisture separator reheater 2nd stage steam isolation valves are found in the Section 10.4 (Ref. 6)."	WEC DCD Rev 17 conforming change
3327	Pt 04		B, B03.07.02 / B3.7.2-02	For B3.7.2, Applicable Safety Analysis, revise reference to "moisture separator reheat supply steam control valves" in first sentence of fifth paragraph to read "moisture separator reheater 2nd stage steam isolation valves"	WEC DCD Rev 17 conforming change
3328	Pt 04		B, B03.07.02 / B3.7.2-02	For B3.7.2, Applicable Safety Analysis, revise reference to "moisture separator reheat supply steam control valves" in last sentence of fifth paragraph to read "moisture separator reheater 2nd stage steam isolation valves"	WEC DCD Rev 17 conforming change
3329	Pt 04		B, B03.07.02 / B3.7.2-03	For B3.7.2, LCO, revise reference to " four moisture separator reheat supply steam control valve" in first sentence of second paragraph to read "two moisture separator reheater 2nd stage steam isolation valves"	WEC DCD Rev 17 conforming change
3330	Pt 04		B, B03.07.02 / B3.7.2-04	For B3.7.2, LCO, in last sentence of third paragraph, revise reference to 10 CFR 100 to reference 10 CFR 50.34	WEC DCD Rev 17 conforming change
3331	Pt 04		B, B03.07.02 / B3.7.2-04	For B3.7.2, Applicability, revise reference to "moisture separator reheat supply steam control valves" in first sentence of first paragraph to read "moisture separator reheater 2nd stage steam isolation valves"	WEC DCD Rev 17 conforming change
3332	Pt 04		B, B03.07.02 / B3.7.2-05	For B3.7.2, Actions B.1, revise reference to "moisture separator reheat supply steam control valves" in first sentence of first paragraph to read "moisture separator reheater 2nd stage steam isolation valves"	WEC DCD Rev 17 conforming change
3333	Pt 04		B, B03.07.02 / B3.7.2-06	For B3.7.2, SR 3.7.2.1, revise the reference to ASME Code Section XI in the last sentence of the first paragraph to read "ASME OM Code (Ref. 7)"	WEC DCD Rev 17 conforming change
3334	Pt 04		B, B03.07.02 / B3.7.2-06	COLA Part 4, Technical Specifications and Bases, are revised as indicated below. 12. Technical Specification Bases for SR 3.7.2.1, last sentence of first paragraph, is revised from: As the MSIVs are not tested at power, they are exempt from the ASME Code, Section XI (Ref. 7), requirements during operation in MODE 1 or 2. To read: As the MSIVs are not tested at power, they are exempt from the ASME OM Code (Ref. 7) requirements during operation in MODE 1 or 2.	RAI LTR 007 S1 response to RAI 03.09.06-16, item 12
3335	Pt 04		B, B03.07.02 / B3.7.2-07	For B3.7.2, References, revise reference 7 from ASME Code Section XI to read "ASME OM Code, "Code for Operation and Maintenance of Nuclear Power Plants.""	DUPLICATE INFO - WEC DCD Rev 17 conforming change
3336	Pt 04		B, B03.07.02 / B3.7.2-07	COLA Part 4, Technical Specifications and Bases, are revised as indicated below. 13. Technical Specification Bases for SR 3.7.2.2, last sentence of first paragraph, is revised from: As the alternate downstream valves are not tested at power, they are exempt from the ASME Code, Section XI (Ref. 7), requirements during operation in MODE 1 or 2. To read: As the alternate downstream valves are not tested at power, they are exempt from the ASME OM Code (Ref. 7) requirements during operation in MODE 1 or 2.	RAI LTR 007 S1 response to RAI 03.09.06-16, item 13
3337	Pt 04		B, B03.07.02 /	COLA Part 4, Technical Specifications and Bases, are revised as indicated below.	RAI LTR 007 S1 response to RAI 03.09.06-16, item

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
			B3.7.2-07	14. Technical Specification Bases 3.7.2 Reference 7 is revised from: 7. ASME Boiler and Pressure Vessel Code, Section XI. To read: 7. ASME OM Code, "Code for Operation and Maintenance of Nuclear Power Plants."	14
3338	Pt 04		B, B03.07.02 / B3.7.2-07	For B3.7.2, SR 3.7.2.2, revise reference to "moisture separator reheat supply steam control valves" in first sentence to read "moisture separator reheater 2nd stage steam isolation valves" Also, later in the paragraph, revise "ASME Code, Section XI (Ref. 7)" to read "ASME OM Code (Ref. 7)"	WEC DCD Rev 17 conforming change
3339	Pt 04		B, B03.07.03 / B3.7.3-04	For B3.7.3, SR 3.7.3.1, revise the reference to ASME Code Section XI in the last sentence of the first paragraph to read "ASME OM Code (Ref. 2)"	DUPLICATE INFO - WEC DCD Rev 17 conforming change
3340	Pt 04		B, B03.07.03 / B3.7.3-04	For B3.7.3, References, revise reference 2 from ASME Code Section XI to read "ASME OM Code, "Code for Operation and Maintenance of Nuclear Power Plants.""	DUPLICATE INFO - WEC DCD Rev 17 conforming change
3341	Pt 04		B, B03.07.03 / B3.7.3-04	COLA Part 4, Technical Specifications and Bases, are revised as indicated below. 15. Technical Specification Bases for SR 3.7.3.1, last sentence of first paragraph, is revised from: This is consistent with the ASME Code, Section XI (Ref. 2), quarterly stroke requirements during operation in MODE 1 or 2. To read: This is consistent with the ASME OM Code (Ref. 2) quarterly stroke requirements during operation in MODE 1 or 2.	RAI LTR 007 S1 response to RAI 03.09.06-16, item 15
3342	Pt 04		B, B03.07.03 / B3.7.3-04	COLA Part 4, Technical Specifications and Bases, are revised as indicated below. 16. Technical Specification Bases 3.7.3 Reference 2 is revised from: 2. ASME Boiler and Pressure Vessel Code, Section XI. To read: 2. ASME OM Code, "Code for Operation and Maintenance of Nuclear Power Plants."	RAI LTR 007 S1 response to RAI 03.09.06-16, item 16
3343	Pt 04		B, B03.07.06 / B3.7.6-02	For B3.7.6, ASA, revise the second paragraph to read "Operation of the VES is automatically initiated by the following safety related signals: 1) high-2 particulate or iodine radioactivity or 2) low pressurizer pressure."	WEC DCD Rev 17 conforming change
3344	Pt 04		B, B03.07.06 / B3.7.6-02	For B3.7.6, ASA, revise the third sentence of the fourth paragraph to begin "Upon high-2 particulate or iodine radioactivity setpoint, or low pressurizer pressure, a safety related signal..."	WEC DCD Rev 17 conforming change
3345	Pt 04		B, B03.07.09 / B3.7.9-04	For B3.7.9, SR 3.7.9.3, revise the last sentence to begin "Manual valves SFS-PL-V042, SFS-PL-V045, SFS-PL-V049, SFS-PL-V066, and SFS-PL-V068 isolate..."	WEC DCD Rev 17 conforming change
3346	Pt 04		B, B03.08.01 / B3.8.1-01	For B3.8.1, Background, revise the reference to "125 VDC" in the first sentence of the second paragraph to reference "250 VDC"	WEC DCD Rev 17 conforming change
3347	Pt 04		B, B03.08.01 / B3.8.1-01	For B3.8.1, Background, revise the last three sentences of the second paragraph to read "A battery bank consists of two battery strings connected in series. Each battery string consists of 60 cells connected in series. Divisions A and D each have one 2400 ampere hour battery bank and Divisions B and C each have two 2400 ampere hour battery banks."	WEC DCD Rev 17 conforming change
3348	Pt 04		B, B03.08.01 / B3.8.1-02	For B3.8.1, Background, revise the reference to "125 VDC" in the first sentence of the fourth paragraph to reference "250 VDC"	WEC DCD Rev 17 conforming change
3349	Pt 04		B, B03.08.01 / B3.8.1-02	For B3.8.1, Background, revise the reference to "125 VDC" in the first sentence of the eighth paragraph to reference "250 VDC"	WEC DCD Rev 17 conforming change
3350	Pt 04		B, B03.08.01 / B3.8.1-02	For B3.8.1, Background, revise the reference to "128 V per battery" in the second sentence of the ninth paragraph to reference "256 V per battery"	WEC DCD Rev 17 conforming change

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
3351	Pt 04		B, B03.08.01 / B3.8.1-02	For B3.8.1, ASA, revise the reference to "125 volts" in the first sentence of the first paragraph to reference "250 volts"	WEC DCD Rev 17 conforming change
3352	Pt 04		B, B03.08.01 / B3.8.1-05	For B3.8.1, Actions A.1, A.2, and A.3, revise the reference to "[5] amps" in the first sentence of the sixth paragraph to reference "2 amps" - note removal of the brackets	WEC DCD Rev 17 conforming change
3353	Pt 04		B, B03.08.01 / B3.8.1-05	For B3.8.1, Actions A.1, A.2, and A.3, revise the reference to "[5] amps" in the last sentence of the sixth paragraph to reference "2 amps" - note removal of the brackets	WEC DCD Rev 17 conforming change
3354	Pt 04		B, B03.08.01 / B3.8.1-06	For B3.8.1, Actions B.1, B.2, and B.3, revise the reference to "[5] amps" in the first sentence of the fourth paragraph to reference "2 amps" - note removal of the brackets	WEC DCD Rev 17 conforming change
3355	Pt 04		B, B03.08.01 / B3.8.1-06	For B3.8.1, Actions B.1, B.2, and B.3, revise the reference to "[5] amps" in the last sentence of the fourth paragraph to reference "2 amps" - note removal of the brackets	WEC DCD Rev 17 conforming change
3356	Pt 04		B, B03.08.01 / B3.8.1-09	For B3.8.1, SR 3.8.1.2, revise the reference to "400 amps" in the first sentence of the second paragraph to reference "200 amps"	WEC DCD Rev 17 conforming change
3357	Pt 04		B, B03.08.01 / B3.8.1-10	For B3.8.1, SR 3.8.1.2, revise the reference to "[2] amps" in the last sentence of the third paragraph to reference "2 amps" - note removal of the brackets	WEC DCD Rev 17 conforming change
3358	Pt 04		B, B03.08.01 / B3.8.1-11	For B3.8.1, SR 3.8.1.3, delete the fifth paragraph which duplicates the third paragraph	WEC DCD Rev 17 conforming change
3359	Pt 04		B, B03.08.02 / B3.8.2-04	For B3.8.2, SR 3.8.2.1, revise the reference to "SR 3.8.1.8" in the first sentence to reference "SR 3.8.1.3"	WEC DCD Rev 17 conforming change
3360	Pt 04		B, B03.08.03 / B3.8.3-01	For B3.8.3, Background, revise the reference to "125 VDC" in the last sentence of the first paragraph to reference "250 VDC"	WEC DCD Rev 17 conforming change
3361	Pt 04		B, B03.08.03 / B3.8.3-01	For B3.8.3, Background, revise the reference to "125 VDC" in the second sentence of the second paragraph to reference "250 VDC"	WEC DCD Rev 17 conforming change
3362	Pt 04		B, B03.08.03 / B3.8.3-02	For B3.8.3, LCO, revise the reference to "125 VDC" in the third paragraph to reference "250 VDC"	WEC DCD Rev 17 conforming change
3363	Pt 04		B, B03.08.04 / B3.8.4-02	For B3.8.4, LCO, revise the reference to "125 VDC" in the third sentence of the first paragraph to reference "250 VDC"	WEC DCD Rev 17 conforming change
3364	Pt 04		B, B03.08.05 / B3.8.5-01	For B3.8.5, Background, revise the references to "125 VDC" in the first AND second sentences of the third paragraph to reference "250 VDC"	WEC DCD Rev 17 conforming change
3365	Pt 04		B, B03.08.05 / B3.8.5-11	For B3.8.5, Table B 3.8.5-1, revise the VOLTAGE for the DC Buses and for the DC Distribution Panels from "125 Vdc" to read "250 Vdc"	WEC DCD Rev 17 conforming change
3366	Pt 04		B, B03.08.07 / B3.8.7-02	For B3.8.7, Actions B.1 and B.2, revise the reference from "[5] amps" in the first sentence of the first paragraph to reference "2 amps" - note removal of the brackets	WEC DCD Rev 17 conforming change
3367	Pt 04		B, B03.08.07 / B3.8.7-05	For B3.8.7, Actions F.1, revise the reference from "[5] amps" in the next to last sentence to reference "2 amps" - note removal of the brackets	WEC DCD Rev 17 conforming change
3368	Pt 04		B, B03.08.07 / B3.8.7-05	For B3.8.7, SR 3.8.7.1, revise the reference from "[2] amps" in the last sentence of the second paragraph to reference "2 amps" - note removal of the brackets	WEC DCD Rev 17 conforming change
3369	Pt 04		B, B03.08.07 / B3.8.7-05	For B3.8.7, SR 3.8.7.2 and SR 3.8.7.5, revise the reference from "132.0 V" in the first sentence to reference "264.0 V"	WEC DCD Rev 17 conforming change
3370	Pt 04		B, B03.09.02 / B3.9.2-01	For B3.9.2, Applicability, revise reference to LCO 3.1.9 title to read "Chemical and Volume Control System (CVS) Demineralized Water Isolation Valves and Makeup Line Isolation Valves,"	WEC DCD Rev 17 conforming change
3371	Pt 04		B, B03.09.02 /	For B3.9.2, SR 3.9.2.1, revise reference to "31 days" to read "72 hours"	WEC DCD Rev 17 conforming change

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
			B3.9.2-02		
2685	Pt 04		B, B03.09.07 / B3.9.7-01	In the second paragraph of the section titled Applicable Safety Analyses, third line, change "100 hours." to "48 hours."	WEC DCD TR134 Rev 5 - NRC236
3372	Pt 04		B, B03.09.07 / B3.9.7-01	For B3.9.7, Applicability, revise reference to "LCO 3.7.11, "Fuel Storage Pool Water Level."" to read "LCO 3.7.5, "Spent Fuel Pool Water Level.""	WEC DCD Rev 17 conforming change
Pt 05			5 COLA Changes		
5092	Pt 05		Page 1	On Page 1, reword the second sentence to state "As described in COLA Part 2 Section 13.3, and in accordance with 10 CFR 52.79(b)(4) and 10 CFR 50.54(q) the following supplements constitute new or additional information."	Revised to allow for the inclusion of new and additional information per regulatory requirements.
5087	Pt 05		Page 1, 2	On Page 1 of Part 5, add the following supplement after the 1st paragraph: "Replace Preface page xiii, Figure ii, Vogtle Electric Generating Plant Site Plan, with the attached Preface Figure ii." Also add the revised Figure ii, Vogtle Electric Generating Plant Site Plan, as page 2 of Part 5.	RAI 13.03-1 - Commitment made in SNC letter ND-09-0456, dated April 3, 2009, and later modified by SNC letter ND-09-0806, dated June 18, 2009. (VEGP response to RAI LTR 029 and 029, Supplement 1)
4887	Pt 05		Page 1, 3, 5	Add the following supplements after the first paragraph of Part 5: "Revise the last sentence of the fourth paragraph of page x of the Preface to read: 'It is based on meeting the intent of the guidance contained in NUREG 0654, Revision 1 with the exception of emergency action levels which are based on Nuclear Energy Institute (NEI) 99-01, Revision 4, "Methodology for Development of Emergency Action Levels (EAL)," for Units 1 and 2. EALs for Units 3 and 4 will be based on the NRC endorsed version of NEI 07-01, Revision 0, Methodology for Development of Emergency Action Levels Advanced Passive Light Water Reactors for Units 3 and 4.' Revise the first sentence of the third paragraph of Subsection D.1 to read: 'The SNC classification scheme for Units 1 and 2 is based on Nuclear Energy Institute (NEI) 99-01, Revision 4, "Methodology for Development of Emergency Action Levels (EAL)," January 2003 endorsed by Regulatory Guide 1.101, Revision 4, Emergency Planning and Preparedness for Nuclear Power Reactors. The classification scheme for Units 3 and 4 will be based on the NRC endorsed version of NEI 07-01, Revision 0, Methodology for Development of Emergency Action Levels Advanced Passive Light Water Reactors.' Revise the second sentence of the second paragraph of Preface page V2-vii of Annex V2 to read: 'It is based on the guidance contained in NUREG 0654, Revision 1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants, with the exception of emergency action levels which will be based on the NRC endorsed version of Nuclear Energy Institute (NEI) Guideline NEI 07-01, Revision 0, Methodology for Development of Emergency Action Levels Advanced Passive Light Water Reactors for Units 3 and 4.' Revise Subsection V2D.2 of Annex V2 to read: 'The Initiating Condition Matrix for Modes 1, 2, 3, and 4 for Units 3 and 4 will be shown in Table Annex V2 D-1, and the Initiating Condition Matrix for Modes 5, 6, and de-fueled will	RAI 13.03-3 - Commitment made in SNC Letter ND-09-0456, dated April 3, 2009.(VEGP response to RAI LTR 029)

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				<p>be shown in Table Annex V2 D-2.'</p> <p>Add a Subsection V2D.3, Emergency Action Level Technical Basis, to page V2D-1 of Annex V2 which reads:</p> <p>'[Reserved for EAL Technical Basis]'</p> <p>Delete the content of Tables V2D.2-1, Hot Initiating Conditions Matrix, Modes 1, 2, 3, and 4 and V2D.2-1, Cold Initiating Conditions Matrix, Modes 5, 6 and De-fueled, found on pages V2D-2 and 3, respectively, and replace with:</p> <p>'[Reserved for Initiating Condition Matrix]''</p>	
4886	Pt 05		Page 1, 4, 5	<ul style="list-style-type: none"> Revise the first sentence of Part 5 of the COLA to read: <p>"Part 5 of the referenced ESP application is incorporated by reference with the following supplements."</p> <ul style="list-style-type: none"> Add the following supplements after the first paragraph: <p>"Revise the second sentence of the first paragraph of Subsection V2H.1, Emergency Facilities, of Annex 2 of the ESP Emergency Plan to read:</p> <p>'The OSCs are located in each unit's Control Support Area (CSA) which is adjacent to the passage from the annex building to the nuclear island control room.'</p> <p>Add the following sentence to the end of the second paragraph of Subsection H.1.1, Technical Support Center (TSC) of the ESP Emergency Plan:</p> <p>'Motorized vehicles are provided to facilitate the movement of personnel between the TSC and the Site's Control Rooms.'"</p>	RAI 13.03-1 - Commitment made in ND-09-0456, dated April 3, 2009.(VEGP response to RAI LTR 029)
5379	Pt 05		Page 4	<p>In the 1st sentence on Page 4, revise "....Technical Support Center (TSC) of the ESP Emergency Plan" to read:</p> <p>"....Technical Support Center (TSC) of the Base Plan"</p>	Editorial correction.
Pt 07				16 COLA Changes	
5396	Pt 07		A	<p>COLA Part 7, Section A, STD and VEGP Departures, Delete VEGP DEP 3.4-1, Alternate Waterproof Membrane from the table.</p> <p>Also delete the entire text following this table which provided a description of departure VEGP DEP 3.4-1.</p>	Conforming change to DCD Revision 17, which now includes the waterproofing method which was previously established in the ESP application. This departure is no longer required since the AP1000 DCD is now consistent with the method described in the ESP application.
5397	Pt 07		A	<p>Delete the note that follows the table in Section A which reads:</p> <p>"Departure number VEGP DEP 18.8-1 is a change to Tier 2* information in the DCD, and prior NRC approval is required. The change is described and evaluated in the VEGP Units 3 and 4 ESPA Part 5 (Emergency Plan)."</p>	A new section A.2 was created to identify departures requiring prior NRC approval. A similar note exists following VEGP DEP 18.8-1 in that new section, therefore this note is no longer required.
3405	Pt 07		A.1	<p>1) Add new Subsection A.1 as follows:</p> <p>A.1 Departures That Can Be Implemented Without Prior NRC Approval</p>	NRC conformance

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				2) Add new table listing following new subsection A.1 as follows: Departure Number Description VEGP DEP 1.1-1 Administrative departure for organization and numbering for the FSAR sections VEGP DEP 9.2-1 Potable Water System (PWS) filtration	
5395	Pt 07		A.1 / DEP 1.1-1	Add affected FSAR Subsections 13.1.4 and 13.5.3 due to changes in LMAs in FSAR.	Consistency with the numbering departure LMAs identified in the FSAR.
3406	Pt 07		A.1 / DEP 1.1-1 and 9.2-1	Add a new statement at end of departure VEGP DEP 1.1-1 and 9.2-1 to identify that these departures do not require prior NRC approval. Add the following new statement: "NRC Approval Requirement: This departure does not require NRC approval pursuant to 10 CFR Part 52, Appendix D, Section VIII.B.5."	NRC conformance
3412	Pt 07		A.2	Add new Subsection, A.2 before the description and summary of Departure Number VEGP DEP 18.8-1 as follows: "A.2 Departures That Require NRC Approval Prior to Implementation" Also add a new table listing following the new subsection title A.2 as follows: Departure Number Description VEGP DEP 18.8-1 Emergency Response Facility Locations	NRC conformance
5398	Pt 07		A.2 / DEP 18.8-1	Delete affected FSAR Section 1.2 and add affected FSAR Sections 1.1 (Figure 1.1-202), 1.2.3 and Figure 1.2-201. Also in the "Scope/Extent of Departure" add FSAR Figures 1.2-201.	Consistency with the affected sections for this departure as identified by LMAs within the FSAR.
4862	Pt 07		B / Pg 9	Change Section B, introductory statements to omit the listing for item 1. Fitness for Duty Program Description, by revising the introductory statements to read: "SNC requires the following exemption related to: 1. Not used 2. Combined License Application Organization and Numbering Discussion and justification for this request is provided in the following pages."	SNC Letter ND-09-0480, dated April 1, 2009.
4860	Pt 07		B.1	Change COLA Part 7, Section B.1, Fitness for Duty Program Description (10 CFR Part 26), by deleting the entire text for this exemption request, and replacing it with the following statement: "Withdrawn – this exemption is no longer required."	Letter ND-09-0480, dated April 1, 2009.
5399	Pt 07		C	Revise the table in Section C VEGP Variances to include three new variances as follows: VEGP VAR 1.2-1 VEGP VAR 2.2-1 VEGP VAR 2.3-1	Three new variances from the Vogtle ESP application Revision 5 are identified in COLA Part 7.
5403	Pt 07		C. VAR 1.2-1	Add new variance VEGP VAR 1.2-1 and associated Summary of Variance and Justification of Variance.	New variances from the Vogtle ESP application Revision 5 were identified since COLA Revision 0 was issued.

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
5400	Pt 07		C. VAR 1.6-1	Revise the Summary of Variance and Justification of Variance paragraphs associated with VEGP VAR 1.6-1 to address DCD Revision 17 and changes associated with the submittal of ESP Application Revision 5.	Variance is revised to reflect submittal of Vogtle ESP application Revision 5 and DCD Revision 17.
5401	Pt 07		C. VAR 1.6-2	Revise the Summary of Variance and Justification of Variance paragraphs associated with VEGP VAR 1.6-2 to address DCD Revision 17 and changes associated with the submittal of ESP Application Revision 5.	Variance is revised to reflect submittal of Vogtle ESP application Revision 5 and DCD Revision 17.
5402	Pt 07		C. VAR 1.6-3	Revise the Summary of Variance and Justification of Variance paragraphs associated with VEGP VAR 1.6-3 to address DCD Revision 17 and changes associated with the submittal of ESP Application Revision 5.	Variance is revised to reflect submittal of Vogtle ESP application Revision 5 and DCD Revision 17.
5404	Pt 07		C. VAR 2.2-1	Add new variance VEGP VAR 2.2-1 and associated Summary of Variance and Justification of Variance.	New variances from the Vogtle ESP application Revision 5 were identified since COLA Revision 0 was issued.
5405	Pt 07		C. VAR 2.3-1	Add new variance VEGP VAR 2.3-1 and associated Summary of Variance and Justification of Variance.	New variances from the Vogtle ESP application Revision 5 were identified since COLA Revision 0 was issued.
Pt 09			3 COLA Changes		
5414	Pt 09		Fig 1.2-201	COLA Part 9, Withheld Information, Figure 1.2-201 which supports departure VEGP DEP 18.8-1 is revised to reflect changes to the corresponding DCD Figure 1.2-18, in WEC DCD Rev 17, except that Room 40318 is shown as only the ALARA BRIEFING RM (delete "AND OPERATIONAL SUPPORT CENTER").	WEC DCD Rev 17 conforming change
5413	Pt 09		Fig 9A-201	COLA Part 9, Withheld Information, Figure 9A-201 which supports departure VEGP DEP 18.8-1 is revised to reflect changes to the corresponding DCD Figure 9A-3, Sheet 1 of 3, in WEC DCD Rev 17, except that Room 40318 is shown as only the ALARA BRIEFING RM (delete "AND OPERATIONAL SUPPORT CENTER").	WEC DCD Rev 17 conforming change
5415	Pt 09		Fig 12.3-201, 202, 203	COLA Part 9, Withheld Information, Figures 12.3-201, Figure 12.3-202, and Figure 12.3-203 which support departure VEGP DEP 18.8-1 are revised to reflect changes to the corresponding DCD Figures 12.3-1, Sheet 11 of 16, Figure 12.3-2, Sheet 11 of 15, and Figure 12.3-3, Sheet 11 of 16, respectively, in WEC DCD Rev 17, except that Room 40318 is shown as only the ALARA BRIEFING RM (delete "AND OPERATIONAL SUPPORT CENTER").	WEC DCD Rev 17 conforming change
Pt 10			27 COLA Changes		
3432	Pt 10		LC#02	COLA Part 10, License Condition 2, COL Holder Items, the last sentence of first paragraph will be revised from: These include COL information item numbers 3.11-1, 9.5-6, and 10.1-1. To read: These include COL information item numbers 3.11-1, 9.5-6, 10.1-1, and 13.6-5.	RAI LTR 060 response to RAI 07.09-01
3433	Pt 10		LC#02, 03.06-01	Revise LC#2 COL Holder Item 3.6-1 to remove paragraph added by Enclosure 1 of the January 14, 2008 TVA Letter to NRC on DCD Acceptance Review (Bailey to Borchardt) - Net result is identical to original Rev 0 for BLN. However for VEGP the Jan 14 letter was incorporated into COLA Rev 0 therefore the change is as follows: Revise COL Item No. 3.6-1 from: "After a Combined License is issued, the following activity will be completed by the COL holder:	WEC DCD Rev 17 conforming change.

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				<p>1) Combined License holders referencing the AP1000 design will complete the pipe whip restraint design and complete an as-designed pipe break hazards analysis in accordance with the criteria outlined in subsections 3.6.1.3.2 and 3.6.2.5. The as-designed pipe rupture hazard analysis including break locations based on as-designed pipe analysis will be documented in an as-designed Pipe Rupture Hazards Analysis Report.</p> <p>2) A pipe rupture hazard analysis is part of the piping design. It is used to identify postulated break locations and layout changes, support design, whip restraint design, and jet shield design. The final design for these activities will be completed prior to fabrication and installation of the piping and connected components. The as-built reconciliation of the pipe break hazards analysis in accordance with the criteria outlined in subsections 3.6.1.3.2 and 3.6.2.5 will be completed prior to fuel load."</p> <p>To read:</p> <p>"After a Combined License is issued, the following activity will be completed by the COL holder:</p> <p>A pipe rupture hazard analysis is part of the piping design. It is used to identify postulated break locations and layout changes, support design, whip restraint design, and jet shield design. The final design for these activities will be completed prior to fabrication and installation of the piping and connected components. The as-built reconciliation of the pipe break hazards analysis in accordance with the criteria outlined in subsections 3.6.1.3.2 and 3.6.2.5 will be completed prior to fuel load."</p>	
3434	Pt 10		LC#02, 03.09-02	<p>Revise LC#2 COL Holder Item 3.9-2 to remove statements added by Enclosure 1 of the January 14, 2008 TVA Letter to NRC on DCD Acceptance Review (Bailey to Borchardt) - Net result is identical to original Rev 0 for BLN. However for VEGP the Jan 14 letter was incorporated into COLA Rev 0 therefore the change is as follows:</p> <p>Revise COL Item No. 3.9-2 from:</p> <p>"After a Combined License is issued, the following activities are completed by the COL holder:</p> <p>1) A Combined License holder referencing the AP1000 design will have available for NRC audit the design specifications and as-designed design reports prepared for major ASME Section III components and ASME Code, Section III piping.</p> <p>2) A Combined License holder referencing the AP1000 design will have available for NRC audit the design specifications prepared for ASME Section III auxiliary components and valves.</p> <p>3) Reconciliation of the as-built piping (verification of the thermal cycling and stratification loading considered in the stress analysis discussed in subsection 3.9.3.1.2) is completed by the COL holder after the construction of the piping systems and prior to fuel load."</p> <p>To read:</p> <p>"After a Combined License is issued, the following activities are completed by the COL holder:</p> <p>Reconciliation of the as-built piping (verification of the thermal cycling and stratification loadings considered in the stress analysis discussed in subsection 3.9.3.1.2) is completed</p>	WEC DCD Rev 17 conforming change

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
5382	Pt 10		LC#02, 04.04-02	by the COL holder after the construction of the piping systems and prior to fuel load." Revise LC#2 COL Holder Item 4.4-2 to add a comma after the words "described in Section 4.4"	Editorial correction
3435	Pt 10		LC#02, 05.03-01	COLA Part 10, Proposed Combined License Conditions, Section 2, COL Holder Items, COL item 5.3-1 To read: 5.3-1 Reactor Vessel Pressure – 5.3.6.1 Prior to initial fuel load Temperature Limit Curves The COL Holder shall update the P/T limits using the PTLR methodologies approved in the AP1000 DCD using the plant-specific material properties or confirm that the reactor vessel material properties meet the specifications and use the Westinghouse generic PTLR curves.	RAI LTR 005 Supp 1 response to RAI 05.03.02-01
3437	Pt 10		LC#02, 06.03-02	Remove new COL Holder Item 6.3-2 added to LC in accordance with Enclosure 2 of the January 14, 2008 TVA Letter to NRC on DCD Acceptance Review (Bailey to Borchardt), and AP-STD-0112, and response to RAI LTR-030. - Net result is identical to original Rev 0 for BLN. However, since VEGP incorporated the Jan 14, 2008 letter in COLA Rev 0, COL Item No. 6.3-2 was deleted entirely. COL Item 6.3-2 previously read: 6.3-2 Verification of Water Sources for Long-Term Recirculation Cooling Following a LOCA 6.3.8.2 Prior to initial fuel load After a Combined License is issued, the following activities are completed by the COL holder: The combined license holder referencing the AP1000 design will provide an assessment of the acceptability of the screen performance by performing testing and analysis of the screens. Downstream effects will be assessed to confirm the coolability of the core.	WEC DCD Rev 17 conforming change
3438	Pt 10		LC#02, 09.01-07	Insert for Proposed License Condition 2, COL Holder Item 9.1-7 – page LC-3 9.1-7 Coupon Monitoring Program 9.1.6 Prior to commercial operation A spent fuel rack Metamic coupon monitoring program is to be implemented when the plant is placed into commercial operation. This program includes tests to monitor bubbling, blistering, cracking, or flaking; and a test to monitor for corrosion, such as weight loss measurements and or visual examination.	WEC DCD Rev 17 conforming change
3439	Pt 10		LC#02, 13.06-05	Add new item 13.6-5 to LC#2, COL Holder Items, to read as follows: 13.6-5 Cyber Security Program 13.6.1 Prior to initial fuel load The Combined License holder will develop and implement a cyber security program prior to initial fuel load.	Conforming change per TR134, Rev. 5, Item NRC 268. Add cyber security program as a COL holder item. Correction of Qb 1494.
3440	Pt 10		LC#02, 14.04-03	Add new item in Part 9, Proposed License Condition 2, new holder item 14.4-3 14.4-3 Conduct of Test Program 14.4.3 Prior to initiating test program A site-specific startup administration manual (procedure), which contains the administration procedures and requirements that govern the activities associated with the plant initial test program, as identified in DCD Subsection 14.2.3 and as described in APP-GW-GLR-038 (DCD Reference 2), is provided prior to initiating the plant initial test program.	WEC DCD Rev 17 conforming change
2688	Pt 10		LC#02, 14.04-06	Revise COL Holder Item 14.4-6, second paragraph, to read as follows: "The Combined License holder(s) for the first AP1000 plant (or first three plants) available for testing will perform the tests defined during preoperational and startup testing as identified in subsections 14.2.9 and 14.2.10. Combined License holders referencing the results of the tests will provide the report as necessary. The schedule for providing this information will be provided prior to preoperational testing."	Conforming change per TR134, Rev. 5, Item NRC 254

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				Also change the fourth cell in the first line from "Prior to initial fuel load" to "Prior to preoperational testing"	
3441	Pt 10		LC#02, 19.59.10-04	Insert for Proposed License Condition 2, COL Holder Item 19.59.10-4 on page LC-5 as follows: 19.59.10-4 Develop and Implement Severe Accident Management Guidance 19.59.10.5 Prior to startup testing NOTE - addressed by proposed License Condition #6.	WEC DCD Rev 17 conforming change
3442	Pt 10		LC#02, 19.59.10-05	Revise first sentence of Proposed License Condition 2, COL Holder Item 19.59.10-5 – page LC-4, from: "The Combined License holder referencing the AP1000 certified design will perform a thermal lag assessment of the as-built equipment required to mitigate severe accidents (hydrogen igniters and containment penetrations) to provide additional assurance that this equipment can perform its severe accident functions during environmental conditions resulting from hydrogen burns associated with severe accidents." to read: "The Combined License holder referencing the AP1000 certified design will perform a thermal lag assessment of the as-built equipment listed in Tables 6b and 6c in Attachment A of APP-GW-GLR-069 to provide additional assurance that this equipment can perform its severe accident functions during environmental conditions resulting from hydrogen burns associated with severe accidents."	WEC DCD Rev 17 conforming change
3443	Pt 10		LC#03, G.8	2. COLA Part 10, Proposed License Condition 3, Operational Program Implementation, item G, will be revised to add new sub-item G.8 which reads: G.8 – Containment Leakage Rate Testing Program	RAI LTR 047 response to RAI 06.02.06-01, item 2
5063	Pt 10		LC#03, G.9 and G.10	COLA Part 10, Proposed License Conditions (Including ITAAC), Proposed License Condition 3, will be revised from: G.8 - Containment Leakage Rate Testing Program To read: G.8 - Containment Leakage Rate Testing G.9 - Physical Security G.10 - Cyber Security	Changes to address Security Regulation revisions
3444	Pt 10		LC#03, I	3. COLA Part 10, Proposed License Condition 3, Operational Program Implementation, item I, will be revised To read: I. MODE 4 – Not used.	RAI LTR 047 response to RAI 06.02.06-01, item 3
3445	Pt 10		LC#04	COLA Part 10, Proposed License Condition 4, "Fire Protection Program Revisions," will be revised to remove the proposed condition and replace with a new, separate condition to read as follows: "4. EMERGENCY PLANNING ACTIONS: Because various equipment set points and other information cannot be determined until as-built information is available, the COL Application does not fully address certain aspects of the EAL scheme. Thus, COL applicants using EAL schemes in accordance with NEI 07-01 are proposing the following license condition. PROPOSED LICENSE CONDITION: The licensee shall submit a fully developed set of site-specific Emergency Action Levels (EALs) to the NRC in accordance with the NRC-endorsed version of NEI 07-01, Revision 0. These fully developed EALs shall be submitted to the NRC for confirmation at least 180 days prior to initial fuel load."	BLN RAI LTR 008 response to RAI 09.05.01-01 and VEGP RAI LTR 029 response to RAI 13.03-03
3446	Pt 10		LC#06	COLA Part 10, Proposed License Conditions, item 6, will be revised to include an additional specific item such that it reads (the "x" will be replaced with appropriate next letter):	RAI LTR 004 response to RAI 05.03.03-01

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				"6. OPERATIONAL PROGRAM READINESS: The NRC inspection... ..whichever comes first. x. This schedule shall include a submittal schedule for the reactor vessel pressurized thermal shock evaluation at least 18 months prior to initial fuel load."	
3447	Pt 10		LC#06	COLA Part 10, Proposed License Condition, item 6 will be revised to include an additional specific item such that it reads (the "x" will be replaced with appropriate next letter): 6. OPERATIONAL PROGRAM READINESS: The NRC inspection... ..whichever comes first. x. This schedule shall include a submittal schedule for approved preoperational and startup test procedures in accordance with FSAR Section 14.2.3.	RAI LTR 021 response to RAI 14.02-08
3448	Pt 10		LC#06	2. COLA Part 10, Proposed License Condition, item 6 will be revised to include an additional specific item such that it reads (the "x" will be replaced with appropriate next letter): "6. OPERATIONAL PROGRAM READINESS: The NRC inspection... ..whichever comes first. x. This schedule shall include a schedule for the development of a site specific Severe Accident Management Guidance."	RAI LTR 083 response to RAI 19-03, item 2
5383	Pt 10		LC#06	COLA Part 10, Proposed License Conditions, item 6, will be revised to include the following after the 1st paragraph: a. This schedule shall include a submittal schedule for the emergency planning implementing procedures to the NRC consistent with 10 CFR Part 50, Appendix E, Section V.	Consistency with the R-COLA and TVA response to RAI LTR 004, RAI 05.03.03-01
2595	Pt 10		LC#07	Revise License Condition No. 7 by replacing all the text associated with License Condition No. 7 with the word " Not Used"	FSAR 1.4.1 has been revised to include new information based on execution of an Engineering, Procurement and Construction contract, therefore this license condition has been satisfied and is no longer applicable.
3449	Pt 10		LC#09	Revise proposed License Condition 9 to read "Not used."	WEC DCD Rev 17 conforming change - The brackets were completed and the proposed LC is no longer needed.
5079	Pt 10		LC#App B, ITAAC	Editorial changes were made to each of the ITAAC introductory statements in order to standardize the wording consistent with other AP1000 COL applications.	consistency with other AP1000 COL applications
4867	Pt 10		LC#App B, Physical Security ITAAC	Change COLA Part 10, Proposed License Conditions (Including ITAAC), Appendix B, Inspections, Tests, Analyses, and Acceptance Criteria, by changing the heading and text for physical security ITAAC	SNC Letter ND-09-0480, dated April 1, 2009.
5067	Pt 10		LC#App B, PS ITAAC 2.3.32	COLA Part 10, Proposed License Conditions (Including ITAAC), Appendix B, Plant Specific ITAAC, will be revised to include a new item that reads: 2.3.32 Yard Fire Water System No entry for this system.	Consistency with listed systems in FSAR 14.3
5012	Pt 10		LC#App B, PS ITAAC 2.6.13	COLA Part 10, Proposed License Conditions (Including ITAAC), Appendix B, Plant Specific ITAAC, will be revised to include a new item that reads: 2.6.13 Offsite Retail Power System No entry for this system.	Consistency with listed systems in FSAR 14.3
4868	Pt 10		LC#App B, Table 2.6.9-2	Change COLA Part 10, Proposed License Conditions (Including ITAAC), Appendix B, Inspections, Tests, Analyses, and Acceptance Criteria, by adding the following new Table 2.6.9-2 after Appendix B:	SNC Letter ND-09-0480, dated April 1, 2009.

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				[Refer to SNC letter ND-09-0480 for new Table 2.6.9-2]	
Pt 11					12 COLA Changes
2285	Pt 11		Part I Section 1.1 / pg 5	Section 1.1 of the QAPD will be revised to delete the statement, "The NDQAM applies to these activities until turnover to Operations."	RAI 17.5-4 - Commitment made in ND-08-1822, dated December 17, 2008 (SNC RAI LTR-014).
5369	Pt 11		Part I, Section 1.4	Incorporate executive management changes into affected COLA organization descriptions.	Commitment made in SNC submittal letter NL-08-1402, dated September 10, 2008.
2544	Pt 11		Part II, Section 1	Revise Part II, Section 1, Organization, throughout, to reflect the current SNC organizational structure and position titles. Also revise Figures II.1-1, II.1-2 and II.1-3 to the current organization.	Reflect the current SNC organizational structure.
5384	Pt 11		Part II, Section 2	Section 2 contains numerous formatting changes including revised line spacing and indenting which resulted in multiple revision change bars on each page.	Consistent page formatting
5390	Pt 11		Part II, Section 2.5	Revise Part II, Section 2.5 to change the last sentence in the 1st paragraph from: ".....SNC Fleet Oversight Manager and approved by the Senior Vice President-Nuclear Development" to read: "... NDQAPM and approved by the Executive Vice President-Nuclear Development"	Reflect the current SNC organizational structure.
5391	Pt 11		Part II, Section 2.6	Revise Part II, Section 2.6, second paragraph, to delete the minimum qualification requirements for the Fleet Oversight Manager.	The Fleet Oversight Manager is no longer in the management chain in Nuclear Development therefore the qualification requirements for this position are no longer provided in the QAM.
5385	Pt 11		Part II, Section 4.1	Section 4.1 contains formatting changes including revised line spacing and indenting which resulted in multiple revision change bars.	Consistent page formatting
5386	Pt 11		Part II, Section 7.2	Section 7.2 contains formatting changes including revised line spacing and indenting which resulted in multiple revision change bars.	Consistent page formatting
5392	Pt 11		Part II, Section 18.1	Revise Part II, Section 18.1, third paragraph to change "Senior Vice President" to "Executive Vice President"	Reflect the current SNC organizational structure.
5387	Pt 11		Part II, Section 18.1 (b)	Section 18.1 (b) contains formatting changes including revised line spacing and indenting which resulted in multiple revision change bars.	Consistent page formatting
5388	Pt 11		Part III, Section 2	Part III, Section 2 contains formatting changes including revised line spacing and indenting which resulted in multiple revision change bars.	Consistent page formatting
5389	Pt 11		Part IV	Part IV title contains formatting changes which resulted in a revision change bar.	Consistent page formatting