PMVogtleCOLPEm Resource

From: Sweeney, Brian J. [X2SWEENE@southernco.com]
Sent: Monday, December 21, 2009 6:06 PM
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Cc: Williams, Dana M.; Pierce, Chuck R.; Sparkman, Wesley A.
Subject: Transmittal of Southern Nuclear Letter ND-09-2064, VEGP Units 3 & 4 COL Application Submittal No. 5 Roadmap
Attachments: ND-09-2064 COLA Roadmap Sub_5.pdf

Please note that attached to this email notification is Southern Nuclear letter ND-09-2064, dated December 21, 2009, regarding transmittal of the Roadmap for Vogtle Electric Generating Plant Units 3 and 4 COL Application Submittal No. 5.

Brian Sweeney
Southern Nuclear
205-992-6692

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Southern Nuclear
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SOUTHERN COMPANY
Energy to Serve Your World℠

DEC 21 2009

Docket Nos.: 52-025
52-026

ND-09-2064

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
Submittal No. 5 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 December 11, 2009, SNC submitted an update (COL Application Submittal No. 5) to the VEGP Units 3 and 4 COL Application. Enclosed is a "roadmap" of changes included in the Submittal No. 5 update, along with an explanation of the information contained in the roadmap.

The SNC licensing contacts for this application are W. A. Sparkman at (205) 992-5061 or A. G. Aughtman at (205) 992-5805.

Respectfully submitted,

SOUTHERN NUCLEAR OPERATING COMPANY

Michael K. Smith
Nuclear Development Technical Support Director

MKS/BJS/dmw

Enclosure: Vogtle Electric Generating Plant Units 3 and 4 COL Application Submittal No. 5 Roadmap

cc: Southern Nuclear Operating Company
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File AR.01.02.06

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Southern Nuclear Operating Company

ND-09-2064

Enclosure

Vogtle Electric Generating Plant Units 3 and 4

COL Application

Submittal No. 5 Roadmap

VEGP Units 3 & 4 COL Application Submittal 5 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]
- Change Summary [Short description of change…]
- Basis for Change [the Source of the change…]

NuStart's COLA Tracking Management (CTM) : COLA Changes | **SNC VEGP COLA Roadmap of Submittal 5 Update**

SNC VEGP COLA Roadmap of Submittal 5 Update

Vogtle is 1 AND ...

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
Pt 01 - ***(empty)***					**2 COLA Changes**
6015	Pt 01		01D.1 / 1D-2	Revise Appendix 1D, Section 1D.1 7th and 8th paragraphs To Read: As described in NUREG-1307, the NRC provides two options for the disposal of radioactive material during decommissioning which significantly affect the NRC minimum funding requirement for decommissioning. In the calculation performed for 2008, the escalation factors B, E, F, L and P are as follows: B = 25.231 (Option 1) or 9.872 (Option 2) E = 2.280 F = 3.252 L = 2.109 P = 1.576 Based on the results of this calculation, the 2008 NRC minimum funding requirement for each proposed unit at the VEGP is $757,879,000 (Option 1 – Direct Disposal – 2007 dollars) and $403,087,000 (Option 2 – Direct Disposal with Vendors – 2007 dollars).	To reflect the current decommisioning cost factors.
6014	Pt 01		01D.5 / 1D-3	Revise Reference 1D-2 to change: "....NUREG-1307, Revisions 12" to read: "....NUREG-1307, Revision 13"	To reference the latest version of NUREG-1307 which was revised in Nov 2008.
Pt 02 - FSAR 01					**87 COLA Changes**
5882	Pt 02	FSAR 01	01.01.T / T1.1-201 SNM	COLA Part 2, FSAR Chapter 1, Section 1.1, Table 1.1-201, will be revised to add a new acronym of SNM for "Special Nuclear Material"	Conforming change associated with COL-SER-OI-Ch01 response to OI 01.05-01 item 1
5300	Pt 02	FSAR 01	01.01.T / T1.1-202 Sh01	Revise the Left Margin Annotation (LMA) from "STD SUP 1.1-5" to "STD SUP 1.1-3"	To correct a typographical error introduced during COLA Rev 1 and to be constent with the R-COLA for standard LMA designations.
6034	Pt 02	FSAR 01	01.01.T / T1.1-203	COLA Part 2, FSAR Chapter 1, Section 1.1, Table 1.1-203, will be revised as described below: For Unit 3 To Read: Commence Construction (Safety related activities) 1st Q 2010(LWA) And for Unit 4 To Read: Commence Construction (Safety related activities) 1st Q 2010(LWA)	Update to the VEGP 3 and 4 Construction Schedule
5299	Pt 02	FSAR 01	01.02.02	Correct the LMA of VEGP COL 3.1-1 to read COL 3.3-1. This error was introduced during COLA Rev 1. Refer to QB item 2606.	Correct typographical error.
6449	Pt 02	FSAR 01	01.04.02.08	Revise the introductory sentence to capitalize "subsection" To read: Add ESPA SSAR Section 1.4 to Subsection 1.4.2.8 with the following new first sentence prior to the first paragraph:	Editorial
5635	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 read: NEI 06-13A(b) Template for an Industry Training 2 13.2 March 2009 ML090910554 Program Description	SUPERSEDED by Qb 5906 - BLN-VOL-LTR-004 response to NEI 06-13 item 1
5636	Pt 02	FSAR 01	01.06.T / T1.6-201	2. COLA Part 2, FSAR Chapter 1, Section 1.6, Table 1.6-201, will be revised to add new footnote b to read: b) NEI 06-13A Revision 2 includes the approved Revision 1 template, the NRC safety evaluation, and corresponding responses to the NRC Request for Additional Information. Only the approved template is incorporated by reference. The rest of the document is referenced but not incorporated into the FSAR.	SUPERSEDED by Qb 5907 - BLN-VOL-LTR-004 response to NEI 06-13 item 2
5637	Pt 02	FSAR 01	01.06.T / T1.6-201	3. COLA Part 2, FSAR Chapter 1, Section 1.6, Table 1.6-201, footnote a, will be revised to read:	SUPERSEDED by Qb 5907 -

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				a) NEI 07-02A Revision 0 includes the approved Revision 3 template, the NRC safety evaluation, and corresponding responses to the NRC Request for Additional Information. Only the approved template is incorporated by reference. The rest of the document is referenced but not incorporated into the FSAR.	BLN-VOL-LTR-004 response to NEI 06-13 item 3
5906	Pt 02	FSAR 01	01.06.T / T1.6-201	1. COLA Part 2, FSAR Chapter 1, Table 1.6-201 as revised by TVA R-COLA letter dated May 11, 2009, Update of NEI 06-13 References.	COL-SER-CI-Ch12 response to CI 12.01.01 item 1 SNC Letter #ND-09-1529
5907	Pt 02	FSAR 01	01.06.T / T1.6-201	2. COLA Part 2, FSAR Chapter 1, Section 1.6, Table 1.6-201, footnote a) as revised by, and footnote b) as added by, TVA R-COLA letter dated May 11, 2009, Update of NEI 06-13 References, will be revised to read (note that footnote b) is entirely deleted): a) The NRC-accepted NEI documents identified by the A in the document number include the accepted template, the NRC safety evaluation, and corresponding responses to the NRC Requests for Additional Information. Only the accepted template is incorporated by reference. The remainder of the document is referenced but not incorporated into the FSAR.	COL-SER-CI-Ch12 response to CI 12.01.01 item 2 SNC Letter #ND-09-1529
5973	Pt 02	FSAR 01	01.06.T / T1.6-201	COLA Part 2, FSAR Chapter 1, Section 1.6, Table 1.6-201, will be revised to include the ADAMS number for the Westinghouse APP-GW-GL-700 from: ML TBD To read: ML083230868	Editorial
6055	Pt 02	FSAR 01	01.06.T / T1.6-201	1. COLA Part 2, FSAR Chapter 1, Table 1.6-201 as revised by VEGP R-COLA letter dated October 16, 2009, Update of NEI 07-08A References, will be revised.	COL-SER-OI-Ch12 S1 response to OI 12.01-001 item 1 SNC Letter ND-09-1770
6056	Pt 02	FSAR 01	01.06.T / T1.6-201	2. COLA Part 2, FSAR Chapter 1, Table 1.6-201 footnote will be revised to read: (A) Denotes NRC approved document.	COL-SER-OI-Ch12 S1 response to OI 12.01-001 item 2 SNC Letter ND-09-1770
6083	Pt 02	FSAR 01	01.06.T / T1.6-201	COLA Part 2, FSAR Chapter 1, Section 1.6, Table 1.6-201, NEI 06-13A title, will be revised to read: Template for an Industry Training Program Description	Editorial revision to the template title
6086	Pt 02	FSAR 01	01.06.T / T1.6-201	COLA Part 2, FSAR Chapter 1, Table 1.6-201, title for NEI 07-08A References, will be revised from: "Generic FSAR Template Guidance for Ensuring Occupational Radiation Exposures Are As Low As Is Reasonably Achievable (ALARA)" To read: "Generic FSAR Template Guidance for Ensuring that Occupational Radiation Exposures Are As Low As Is Reasonably Achievable (ALARA)"	Editorial revision to COL-SER-OI-Ch12 S1 response to OI 12.01-001 item 1 SNC Letter ND-09-1770
6419	Pt 02	FSAR 01	01.06.T / T1.6-201	COLA Part 2, FSAR Chapter 1, Section 1.6, Table 1.6-201, will be revised to include the ADAMS number for NEI 07-08A from: ML09 (tbd) To read: ML093220164	Editorial
5232	Pt 02	FSAR 01	01.08	1. COLA Part 2, FSAR Chapter 1, Section 1.8, will be revised to include the following new paragraph at the end of the section with a left margin annotation (LMA) of VEGP SUP 1.8-6: "DCD Table 1.8-1 presents interface items for the AP1000. FSAR section(s) addressing these interface items are tabulated in Table 1.8-205."	Commitment made in response to NRC RAI Ltr. 037 (see SNC letter ND-09-1114)
2612	Pt 02	FSAR 01	01.08.T / T1.8-202 Sh04	For COL Information Item 3.3-1, add the following FSAR Sections: 1.2.2, 3.5.1.5, 3.5.1.6 For COL Information Item 3.5-1, add the following FSAR Sections: 1.2.2, 3.3.1.1, 3.3.2.1, 3.3.2.3, 3.5.1.6	Conforming change based on TR134, R5 item NRC258
2711	Pt 02	FSAR 01	01.08.T / T1.8-202 Sh05	For COL Item 4.4-2, revise "4.4.7" in DCD SUBSECTION column to "4.4.7.2"	WEC DCD Rev 17 conforming change
5644	Pt 02	FSAR 01	01.08.T / T1.8-202 Sh16 19.59.10-4	1. COLA Part 2, FSAR Chapter 1, Table 1.8-202, COL ITEM 19.59.10-4 will be changed to read: Implement Severe Accident Management Guidance	BLN RAI LTR 152 response to RAI 19-21 item 1
5886	Pt 02	FSAR 01	01.08.T / T1.8-203	COLA Part 2, Chapter 1, Subsection 1.8, Table 1.8-203 will be revised to show additional ESP COL Item: 2.3-1 Ultimate Heat Sink Design 2.3.1.4	Explicitly address ESP COL item 2.3-1
5887	Pt 02	FSAR 01	01.08.T / T1.8-204	COLA Part 2, Chapter 1, Subsection 1.8, Table 1.8-204 will be revised to show additional FSAR Subsection 13.3.8 in the COLA LOCATION column for ESP COL Item Nos 2, 3, 4, 5, 6 & 7.	Editorial addition of cross-references
5645	Pt 02	FSAR 01	01.08.T / T1.8-205	Addition of new Table 1.8-205 on AP1000 Design Interfaces	SUPERSEDED by Qb 5990 - Commitment made in response to NRC RAI Ltr. 037 (see SNC letter ND-09-1114)

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
5990	Pt 02	FSAR 01	01.08.T / T1.8-205	2. COLA Part 2, FSAR Chapter 1, Section 1.8, will be revised to include new Table 1.8-205 with an LMA of VEGP SUP 1.8-6 (refer to RAI Ltr 037, Rev 1, SNC Letter ND-09-1710)	Commitment made in response to RAI 01-02 item 2 in RAI Ltr 037, Rev 1, dated 10/23/2009 (see SNC Letter ND-09-1710).
5646	Pt 02	FSAR 01	01.08.T / T1.8-205 01.01	COLA Part 2, FSAR Chapter 1, Section 1.8, Table 1.8-205, will be revised to remove line item 1.1, Post accident Radio-Iodine sampling capability per NUREG 0737, and its associated footnote (2) which read: 1.1 Post accident Radio-Iodine sampling capability per NUREG 0737 — Requirement of AP1000 — Combined License applicant program — (2) Note 2 – Westinghouse has determined that this item has been fully addressed by the DCD. Thus, item 1.1 is not addressed by the COLA.	SUPERSEDED/Incorporated into Qb 5990 - BLN COL-SER-OI-Ch01 response to OI 01.04-01 item 1
5649	Pt 02	FSAR 01	01.08.T / T1.8-205 03.03	COLA Part 2, FSAR Chapter 1, Table 1.8-205, item 3.3, will be revised to remove the following reference under the Section or Subsection column - DCD 3.7.4.2	SUPERSEDED/Incorporated into Qb 5990 - Conforming change to reflect BLN COL-SER-OI-01 change 4
5618	Pt 02	FSAR 01	01.08.T / T1.8-205 08.03	New COLA FSAR Chapter 1, Table 1.8-205, Interface Item No. 8.3, will be revised to add "8.2.1.2.1" in the far right hand column titled "Section or Subsection".	SUPERSEDED/Incorporated into Qb 5990 - Committed action in response to RAI 08.02-12 from letter ND-09-1329 (VEGP response to RAI Ltr 038).
5840	Pt 02	FSAR 01	01.08.T / T1.8-205 18.01, 18.02, 18.03	COLA Part 2, FSAR Chapter 1, Section 1.8, new Table 1.8-205, will be revised to delete footnote (2) in the "Section or Subsection" column for interface items 18.1, 18.2, and 18.3 related to human factors evaluations and add in the appropriate FSAR sections as follows: For 18.1 reference 18.6 For 18.2 reference 18.8, 18.10 For 18.3 reference 18.8, 18.10	SUPERSEDED/Incorporated into Qb 5990 - Consistency with DCD and R-COLA
5650	Pt 02	FSAR 01	01.08.T / T1.8-205 18.04	COLA Part 2, FSAR Chapter 1, Section 1.8, Table 1.8-205, will be revised to remove line items 18.4 and 18.5 related to human factors evaluations (see WEC response to DCD RAI-SRP18-COLP-20): 18.4 Final coordination and integration of human system interface areas within a specific AP1000 consistent with Human Factors evaluations — AP1000 Interface — Combined License applicant program — 18.2, DCD 18.2, DCD 18.8 18.5 Final coordination and integration of Combined License applicant facilities with those of a specific AP1000 consistent with Human Factors evaluations — AP1000 Interface — Combined License applicant program — 18.2, DCD 18.2, DCD 18.8	SUPERSEDED/Incorporated into Qb 5990 - BLN COL-SER-OI-Ch01 response to OI 01.04-01 item 3
5810	Pt 02	FSAR 01	01.09.01.01	1. Revise the following text in FSAR Subsection 1.9.1.1 to read: . . . 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 (see Notes at the end of Appendix 1AA). . . .	COL-SER-OI-Ch01 S1 response to OI 01.04-02 item 1
5811	Pt 02	FSAR 01	01.09.01.02	2. Revise the following text in FSAR Subsection 1.9.1.2 to read: . . . 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 (see Notes at the end of Appendix 1AA). . . .	COL-SER-OI-Ch01 S1 response to OI 01.04-02 item 2
5812	Pt 02	FSAR 01	01.09.01.03	3. Revise the following text in FSAR Subsection 1.9.1.3 to read: . . . 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 (see Notes at the end of Appendix 1AA). . . .	COL-SER-OI-Ch01 S1 response to OI 01.04-02 item 3
5813	Pt 02	FSAR 01	01.09.01.04	4. Revise the following text in FSAR Subsection 1.9.1.4 to read: . . . 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 (see Notes at the end of Appendix 1AA). . . .	COL-SER-OI-Ch01 S1 response to OI 01.04-02 item 4

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
5651	Pt 02	FSAR 01	01.09.05.01.05	COLA Part 2, FSAR Chapter 1, will be revised to include the following new Subsection 1.9.5.1.5 (with an LMA of STD SUP 1.9-3): 1.9.5.1.5 Station Blackout Add the following text to the end of DCD Subsection 1.9.5.1.5. Training and procedures to mitigate a 10 CFR 50.63 "loss of all alternating current power" (or station blackout (SBO)) event are implemented in accordance with Sections 13.2 and 13.5, respectively. As recommended by NUMARC 87-00 (Reference 201), the SBO event mitigation procedures address response (e.g., restoration of onsite power sources), ac power restoration (e.g., coordination with transmission system load dispatcher), and severe weather guidance (e.g., identification of actions to prepare for the onset of severe weather such as an impending tornado), as applicable. The AP1000 is a passive design and does not rely on offsite or onsite ac sources of power for at least 72 hours after an SBO event, as described above. In addition, there are no nearby large power sources, such as a gas turbine or black start fossil fuel plant, that can directly connect to the station to mitigate the event. Restoration from an SBO event will be contingent upon ac power being made available from any one of the transmission lines described in Section 8.2 or any one of the standby diesel generators.	Adoption of RAI LTR 025 S1 response to RAI 08.01-002 item 1 (See ND-09-0671 which identifies omission of last sentence of first paragraph)
5652	Pt 02	FSAR 01	01.09.06	COLA Part 2, FSAR Chapter 1, will be revised to include the following new Subsection 1.9.6 (with no LMA): 1.9.6 References Add the following text to the end of DCD Subsection 1.9.6. 201. NUMARC 87-00, Guidelines and Technical Bases for NUMARC Initiatives Addressing Station Blackout at Light Water Reactors, Revision 1, August 1991.	Adoption of BLN RAI LTR 025 S1 response to RAI 08.01-002 item 2 (See ND-09-0671)
6481	Pt 02	FSAR 01	01.09.T / T1.9-201 Sh01 to Sh16	Relocate the LMA of STD COL 1.9-1 to be above the table and adjacent to the table number and remove any STD COL 1.9-1 LMAs from within the table. Only VEGP COL 1.9-1 LMAs should remain within the table, separated with horizontal lines above and below that LMA. Also add clarification with LMA of (Unless Otherwise Noted).	Consistent location of LMAs for standard content
5857	Pt 02	FSAR 01	01.09.T / T1.9-201 1.008	COLA Part 2, FSAR Chapter 1, Section 1.9, Table 1.9-201, Revision 1, will be revised to add additional FSAR Subsection references of 13.1.2.1.1.7 and 13.1.2.1.1.8 for RG 1.8. This causes RG 1.8 to be VEGP specific so that separator lines and VEGP COL 1.9-1 LMA should be added for RG 1.8 and LMA of STD COL 1.9-1 should be added to RG 1.12.	These RG 1.8 references added in FSAR Revision 1.
5908	Pt 02	FSAR 01	01.09.T / T1.9-201 1.008	3. COLA Part 2, FSAR Chapter 1, Table 1.9-201, Regulatory Guide 1.8 will be revised to read: 1.8 Qualification and Training of Personnel for Nuclear Power Plants (Rev. 3, May 2000) 12.1 (NEI 07-08) Appendix 12AA Appendix 12AA (NEI 07-03A) 13.1.1.4 13.1.3.1 13.2 (NEI 06-13A) 16 (TS 5.3.1)	COL-SER-CI-Ch12 response to CI 12.01.01 item 3 SNC Letter #ND-09-1529
6057	Pt 02	FSAR 01	01.09.T / T1.9-201 1.008	3. COLA Part 2, FSAR Chapter 1, Table 1.9-201, Regulatory Guide 1.8 will be revised from "12.1 (NEI 07-08)" to read "12.1 (NEI 07-08A)" in the FSAR Chapter, Section, or Subsection column.	COL-SER-OI-Ch12 S1 response to OI 12.01-001 item 3 SNC Letter ND-09-1770
5639	Pt 02	FSAR 01	01.09.T / T1.9-201 1.016	COLA Part 2, FSAR Chapter 1, Section 1.9, Table 1.9-201, Revision 1, will be revised to remove RG 1.16 from the table.	This Regulatory Guide withdrawn by NRC on 8-11-2009 via 74 FR 40244.
2616	Pt 02	FSAR 01	01.09.T / T1.9-201 1.021	For RG 1.21, add new FSAR Subsection listing of "11.5.1.2"	Inadvertent omission from Rev 0
5362	Pt 02	FSAR 01	01.09.T / T1.9-201 1.076	For RG 1.76, delete cross reference to section 2.3.1.4.	Error introduced during COLA Rev 1.
6297	Pt 02	FSAR 01	01.09.T / T1.9-201 1.078	For RG 1.78, add cross reference to Table 19.58-201	Consistency
6451	Pt 02	FSAR 01	01.09.T / T1.9-201 1.078	For RG 1.78, shorten cross reference from 2.2.3.2.3 to 2.2.3.2	Consistency
6298	Pt 02	FSAR 01	01.09.T / T1.9-201 1.091	For RG 1.91, add cross reference to Table 19.58-201	Consistency
6452	Pt 02	FSAR 01	01.09.T / T1.9-201 1.091	For RG 1.91, shorten cross reference from 2.2.3.2.3 to 2.2.3.2	Consistency

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
5896	Pt 02	FSAR 01	01.09.T / T1.9-201 1.097	COLA Part 2, FSAR Chapter 1, Section 1.9, Table 1.9-201, will be revised for Regulatory Guide 1.97 (retaining STD LMA) from: 1.97 Criteria for Accident Monitoring Instrumentation For Nuclear Power Plants (Rev. 4, June 2006) — Appendix 12AA (NEI 07-03) 16 (TS bases 3.3.3) To read: 1.97 Criteria for Accident Monitoring Instrumentation For Nuclear Power Plants (Rev. 4, June 2006) — Not referenced; see Appendix 1AA 1.97 Instrumentation For Light-Water-Cooled Nuclear Power Plants to Assess Plant Environs Conditions During and Following an Accident (Rev. 3, May 1983) — Table 7.5-201 Appendix 12AA 16 (TS Bases 3.3.3)	Consistency with referenced revision throughout FSAR
5909	Pt 02	FSAR 01	01.09.T / T1.9-201 1.097	4. COLA Part 2, FSAR Chapter 1, Table 1.9-201, Regulatory Guide 1.97, will be revised to read: 1.97 Criteria For Accident Monitoring Instrumentation For Nuclear Power Plants (Rev. 4, June 2006) — Not referenced 1.97 Criteria For Accident Monitoring Instrumentation For Nuclear Power Plants (Rev. 3, May 1983) — Appendix 12AA 16 (TS Bases 3.3.3)	SUPERSEDED by Qb 5896 - COL-SER-CI-Ch12 response to CI 12.01.01 item 4 SNC Letter #ND-09-1529
5838	Pt 02	FSAR 01	01.09.T / T1.9-201 1.101	For RG 1.101, move FSAR Subsection references of "9.5.1.8.2.2" and "Table 9.5-201" from Revision 5 to Revision 4 (along with the "Note b") under the separator bar; add "Not referenced" as the single FSAR Subsection reference for RG 1.101 Rev 5. Revision 1 LMA and separator bars are correct as is.	Show plant specific references with the ESP referenced revision.
5950	Pt 02	FSAR 01	01.09.T / T1.9-201 1.101	COLA Part 2, Chapter 1, Section 1.9, Table 1.9-201, RG 1.101, Rev. 5 from "Not referenced" to read "Not referenced; see Appendix 1AA"	Editorial consistency of entries
5889	Pt 02	FSAR 01	01.09.T / T1.9-201 1.133	COLA Part 2, FSAR Chapter 1, Section 1.9, Table 1.9-201, Revision 1, will be revised to change the FSAR Chapter, Section, or Subsection reference for RG 1.133 from "DCD discussion only; see DCD Table 1.9-1" to read "Not referenced; see Appendix 1AA"	Appendix 1AA contains some FSAR position statements; not all discussion is per DCD.
5952	Pt 02	FSAR 01	01.09.T / T1.9-201 1.135	COLA Part 2, FSAR Chapter 1, Section 1.9, Table 1.9-201, Revision 1, will be revised for RG 1.135 from: "DCD discussion only; see DCD Table 1.9-1" To read: "Not referenced; see Appendix 1AA"	This Regulatory Guide withdrawn by NRC on 8-6-2009 via 74 FR 39349.
5891	Pt 02	FSAR 01	01.09.T / T1.9-201 1.152	COLA Part 2, FSAR Chapter 1, Section 1.9, Table 1.9-201, Revision 1, will be revised to change the FSAR Chapter, Section, or Subsection reference for RG 1.152 from "DCD discussion only; see DCD Table 1.9-1" to read "Not referenced; see Appendix 1AA"	Appendix 1AA contains some FSAR position statements; not all discussion is per DCD.
6455	Pt 02	FSAR 01	01.09.T / T1.9-201 1.189	For RG 1.189, revise cross reference from 13.12.1.2.9 to 13.1.2.1.1.6 and add separator bars and new LMA of VEGP COL 1.9-1	Consistency with Chapter 13 information.
5910	Pt 02	FSAR 01	01.09.T / T1.9-201 1.206	5. COLA Part 2, FSAR Chapter 1, Table 1.9-201, Regulatory Guide 1.206, FSAR crossreference column entry, will be revised to add "Appendix 12AA (NEI 07-03A)"	COL-SER-CI-Ch12 response to CI 12.01.01 item 5 SNC Letter #ND-09-1529
6456	Pt 02	FSAR 01	01.09.T / T1.9-201 1.206	For RG 1.206, remove cross reference of 13BB.2.1.3.1	Consistency with previous removal of Appenix 13BB
5654	Pt 02	FSAR 01	01.09.T / T1.9-201 4.15	COLA Part 2, FSAR Chapter 1, Section 1.9, Table 1.9-201, Revision 1, will be revised to address RG 4.15, Revisions 1 and 2.	Address latest version of the Regulatory Guide
5911	Pt 02	FSAR 01	01.09.T / T1.9-201 8.000	6. COLA Part 2, FSAR Chapter 1, Table 1.9-201, Division 8 Regulatory Guides will be revised.	COL-SER-CI-Ch12 response to CI 12.01.01 item 6 SNC Letter #ND-09-1529
5916	Pt 02	FSAR 01	01.09.T / T1.9-201 8.000	1. COLA Part 2, FSAR Chapter 1, Table 1.9-201, Regulatory Guides 8.4, 8.8, 8.9, 8.10, 8.13, 8.15, 8.27, 8.28, 8.29, 8.34, 8.35, 8.36, and 8.38, will be revised from an LMA of VEGP COL 1.9-1 to an LMA of STD COL 1.9-1.	COL-SER-CI-Ch12 response to CI 12.01.01 - SNC Supplemental Response item 1 SNC Letter #ND-09-1529 Enclosure 2
6060	Pt 02	FSAR 01	01.09.T / T1.9-201 8.000	4. COLA Part 2, FSAR Chapter 1, Table 1.9-201, Regulatory Guides 8.2, 8.7, 8.8, 8.9, 8.10, 8.13, 8.15, 8.27, 8.28, 8.29, 8.34, 8.35, 8.36, and 8.38 will be revised from "12.1 (NEI 07-08)" to read "12.1 (NEI 07-08A)" in the FSAR Chapter, Section, or Subsection	COL-SER-OI-Ch12 S1 response to OI 12.01-001 item 4

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				column.	SNC Letter ND-09-1770
5917	Pt 02	FSAR 01	01.09.T / T1.9-201 b	2. COLA Part 2, FSAR Chapter 1, Table 1.9-201, will be revised to add a separator line after footnote b.	COL-SER-CI-Ch12 response to CI 12.01.01 - SNC Supplemental Response item 2 SNC Letter #ND-09-1529 Enclosure 2
6482	Pt 02	FSAR 01	01.09.T / T1.9-202 Sh01 to Sh27	Relocate the LMA of STD SUP 1.9-1 to be above the table and adjacent to the table number and remove any STD SUP 1.9-1 LMAs from within the table. Only VEGP SUP 1.9-2 LMAs should remain within the table, separated with horizontal lines above and below that LMA. Also add clarification with LMA of (Unless Otherwise Noted).	Consistent location of LMAs for standard content
2623	Pt 02	FSAR 01	01.09.T / T1.9-202 Sh08	Revise Title of SRP 6.2.1.1.B to read "Ice Condenser Containments, Rev. 2, 07/1981"	Current reference is a draft document. FSAR should assess conformance to approved documents.
2624	Pt 02	FSAR 01	01.09.T / T1.9-202 Sh09	Revise Title of SRP 6.5.4 to read "Ice Condenser as a Fission Product Cleanup System, Rev. 3, 12/1988"	Current reference is a draft document. FSAR should assess conformance to approved documents.
2625	Pt 02	FSAR 01	01.09.T / T1.9-202 Sh09	Revise Title of SRP 6.7 to read "Main Steam Isolation Valve Leakage Control System (BWR), Rev. 2, 07/1981""	Current reference is a draft document. FSAR should assess conformance to approved documents.
6439	Pt 02	FSAR 01	01.09.T / T1.9-202 Sh19	COLA Part 2, FSAR Chapter 1, Section 1.9, Table 1.9-202, for SRP Criteria 13.2.1, revise the title of NEI 06-13A from: Technical Report on a Template for an Industry Training Program Description To read: Template for an Industry Training Program Description	Editorial revision to the template title
2626	Pt 02	FSAR 01	01.09.T / T1.9-202 Sh21&22	For SRP 14.3, remove closing parenthesis after 03/2007) For SRP 14.3.5, 14.3.6, 14.3.7, and 14.3.8, revise "03/07" to "03/2007	Consistency
2627	Pt 02	FSAR 01	01.09.T / T1.9-203 Sh04	Revise item II.B.5(1) to read "Behavior of Severely Damaged Fuel" - Correct from "Damages"	WEC DCD TR134 Rev 4 update per DCD change item NRC210
2628	Pt 02	FSAR 01	01.09.T / T1.9-203 Sh07	Revise item III.C.2(2) to add an "s" to the word "Member" to read "Provide Training for Members of the Technical Staff"	WEC DCD TR134 Rev 4 update per DCD change item NRC210
2629	Pt 02	FSAR 01	01.09.T / T1.9-204 Sh01	For Bulletin 80-15, include in Comment column an additional subsection listing of "9.5.2.2.5"	Inadvertent omission from Rev 0
5836	Pt 02	FSAR 01	01.09.T / T1.9-204 Sh01 to Sh06	Relocate the LMA of STD COL 1.9-2 to be above the table and adjacent to the table number and remove any STD COL 1.9-2 LMAs from within the table. Only VEGP COL 1.9-2 LMAs should remain within the table, separated with horizontal lines above and below that LMA. Also add clarification with LMA of (Unless Otherwise Noted).	Consistent location of LMAs for standard content
2630	Pt 02	FSAR 01	01.09.T / T1.9-204 Sh04	Add listing for "Generic Letter 88-14 Instrument Air Supply System Problems Affecting Safety-Related Equipment (8/88)" 9.3.7"	Inadvertent omission from Rev 0
2632	Pt 02	FSAR 01	01.09.T / T1.9-204 Sh06	Generic Letter 06-03 is referenced to FSAR Section 9.5.1, and should be referenced to Section 9.5.1.8	Correction of referenced FSAR section.
5307	Pt 02	FSAR 01	01.10.03	COLA Part 2, FSAR Chapter 1, Subsection 1.10.3 will be revised to add the following new paragraph at the end of the subsection (under the LMA of STD SUP 1.10-1): The above discussed controls to eliminate or mitigate construction hazards that could potentially impact operating unit SSCs important to safety are in place when there is an operating nuclear unit on the site.	COL-SER-OI-Ch01 response to OI 01.04-04
6483	Pt 02	FSAR 01	01AA All pages	Relocate the LMA of STD COL 1.9-1 to be above the table and adjacent to the table number and remove any STD COL 1.9-1 LMAs from within the table. Only VEGP COL 1.9-2 LMAs should remain within the table, separated with horizontal lines above and below that LMA. Also add clarification with LMA of (Unless Otherwise Noted).	Consistent location of LMAs for standard content
5641	Pt 02	FSAR 01	01AA RG 1.016	COLA Part 2, FSAR Chapter 1, Appendix 1AA, Revision 1, conformance statement for Regulatory Guide 1.16 will be deleted in its entirety.	This Regulatory Guide withdrawn by NRC on 8-11-2009 via 74 FR 40244.
5656	Pt 02	FSAR 01	01AA RG 1.033	2. COLA Part 2, FSAR Chapter 1, Appendix 1AA, Revision 1, conformance statement for Regulatory Guide 1.33 will be revised to include a reference to NEI 06-14A in the exception statement.	BLN RAI LTR 142 response to RAI 01-11, item 2
5893	Pt 02	FSAR 01	01AA RG 1.097	COLA Part 2, FSAR Chapter 1, Appendix 1AA, conformance statement for Regulatory Guide 1.97 will be revised from: "This guidance is completely within the scope fo the DCD." To read: "Conformance with this Regulatory Guide for programmatic and/or operational aspects is documented below.	FSAR Revision 1 included conformance (See Table 7.5-201) for equipment outside the DCD scope.

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				General Exception Portable equipment outside the DCD scope conforms to Revision 3 of this Regulatory Guide for consistency with DCD scope since Revision 4 indicates that partial implementation is not advised.	
2742	Pt 02	FSAR 01	01AA RG 1.112	Correct the Title of RG 1.112 from: Regulatory Guide 1.112, Rev. 1, 3/07 – Calculation of Releases of Radioactive Materials in Gaseous and Liquid Effluents from Light-Water-Cooled Power Reactors To Read: Regulatory Guide 1.112 Rev. 1, 3/07 - Calculation of Releases of Radioactive Materials in Gaseous and Liquid Effluents from Light-Water-Cooled Nuclear Power Reactors. The change adds the word "Nuclear" in the title after "Cooled"	RG 1.112 Rev. 1 title conformance
5837	Pt 02	FSAR 01	01AA RG 1.112	Delete the extra LMA of STD COL 1.9-1 adacent to RG 1.112. Also delete extra horizontal separator lines above and below RG 1.112 and eliminate the two VEGP LMAs adjacent to RG 1.112 and RG 1.113.	Editorial correction. Only VEGP LMA is applicable to RG 1.112.
5657	Pt 02	FSAR 01	01AA RG 1.133	COLA Part 2, FSAR Chapter 1, Appendix 1AA, conformance statement for Regulatory Guide 1.133 will be revised to read: C.2b Conforms Procedures are addressed in Section 13.5 C.3a Conforms Procedures are addressed in Section 13.5 C.4g Conforms Procedures are addressed in Section 13.5 C.4h Conforms Procedures are addressed in Section 13.5 C.4i Conforms ALARA is addressed in Chapter 12 and Section 13.5 C.4j Conforms Training is addressed in Section 13.2 C.6 Exception See position for Regulatory Guide 1.16	BLN RAI LTR 142 S1 response to RAI 01-011, item 6 SER with Open Items Confirmatory Item 4.4-1
5956	Pt 02	FSAR 01	01AA RG 1.133	COLA Part 2, FSAR Chapter 1, Appendix 1AA, conformance statement C.6 for Regulatory Guide 1.133 will be revised to read: C.6 Exception Regulatory Guide 1.16 has been withdrawn	Regulatory Guide 1.16 withdrawn by NRC on 8-11-2009 via 74 FR 40244. Revises BLN RAI LTR 142 S1 response to RAI 01-011, item 6 SER with Open Items Confirmatory Item 4.4-1
5954	Pt 02	FSAR 01	01AA RG 1.135	COLA Part 2, FSAR Chapter 1, Appendix 1AA, conformance statement for Regulatory Guide 1.135 will be revised To read: Conformance of the design aspects is as stated in the DCD. The programmatic and/or operational aspects are not applicable since this guidance was withdrawn by NRC (74 FR 39349, 08/06/2009).	This RG withdrawn by NRC (See 74 FR 39349, 08/06/2009).
5658	Pt 02	FSAR 01	01AA RG 1.180	COLA Part 2, FSAR Chapter 1, Appendix 1AA, Revision 1, first sentence of the conformance statement for Regulatory Guide 1.180 will be revised to reflect that the DCD addresses the design aspects of Revision 1 of the RG.	WEC DCD Rev 17 conformance change
5814	Pt 02	FSAR 01	01AA Note	5. Revise FSAR Appendix 1AA Note (at the end of the Appendix) to read (the # may vary for R-COLA and S-COLA as appropriate): 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. As the operational and programmatic aspects become more fully defined (for example, during the preparation, approval, or initial implementation of plant procedures), there exists a potential that a conflict could be identified between the design as certified in the DCD and the programmatic and/or operational aspects of the guidance. In such cases, the design certification (rule) becomes the controlling factor, and the design conformance to the Regulatory Guide is per the revision stated in the DCD.	COL-SER-OI-Ch01 S1 response to OI 01.04-02 item 5
5816	Pt 02	FSAR 01	01AA Note	7. Revise FSAR Appendix 1AA Note (at the end of the Appendix) to include the following additional note (the # may vary for the R-COLA and S-COLA as appropriate): Note #. A "Criteria Section" entry of "General" indicates a scope for the conformance statement of "all regulatory guide positions related to programmatic and/or operational aspects." Thus, an associated conformance statement of "Conforms" indicates that the applicant "complies with all regulatory guide positions related to programmatic and/or operational aspects."	COL-SER-OI-Ch01 S1 response to OI 01.04-02 item 7
5655	Pt 02	FSAR 01	01B	COLA Part 2, FSAR Chapter 1, Appendix 1B, will be revised To read: STD SUP 1B-1 DCD Appendix 1B is not incorporated into this FSAR. Rather, the severe accident mitigation design alternatives are addressed in the Environmental Report. As indicated in 10 CFR Part 52, Appendix D, Section III.B, "...the evaluation of severe accident mitigation design alternatives in appendix 1B of the generic DCD are not part of this appendix."	Maintain Consistency with STANDARD text.

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				_____ VEGP SUP 1B-2 The applicable Environmental Report was provided in the Early Site Permit (ESP) application and evaluated in the Environmental Impact Statement for an ESP at the Vogtle Electric Generating Plant Site. _____	
Pt 02 - FSAR 02					**9 COLA Changes**
5845	Pt 02	FSAR 02	02.00.T / T2.0-201 (sh 5 of 7)	1. COL Application Part 2, FSAR Section 2.0, Table 2.0-201 (Sheet 5 of 7), will be revised as follows: The second paragraph of the Flood Level VEGP Site Characteristic at the bottom of page 2.0-6 will be modified to read: "Maximum local PMP flood elevation is 219.47 ft MSL, which is 0.53 feet below plant elevation (220 ft MSL)."	Commitment made in response to RAI 02.04.02-01 (Supplement) (see SNC Letter ND-09-1190)
5885	Pt 02	FSAR 02	02.03.01.04	COLA, Part 2, FSAR Chapter 2, Section 2.3.1 will be revised to add the following after Subsection 2.3.1.3.4 with LMA of VEGP ESP COL 2.3-1: _____ 2.3.1.4 Meteorological Data for Evaluating the Ultimate Heat Sink _____ Insert the following after the last paragraph of ESPA SSAR Subsection 2.3.1.4: A reactor design has been chosen as specified in Section 1.1 that does not use an ultimate heat sink cooling tower to release heat to the atmosphere following a loss of coolant accident; therefore, evaluation of meteorological site characteristics such as maximum evaporation and drift loss and minimum water cooling conditions used to evaluate this design is not necessary.	Explicitly address ESP COL item 2.3-1.
5847	Pt 02	FSAR 02	02.04.02.03	2. COL Application Part 2, FSAR Subsection 2.4.2.3, will be revised in accordance with SNC Letter ND-09-1190	Commitment made in response to RAI 02.04.02-01 (Supplement) (see SNC Letter ND-09-1190)
6418	Pt 02	FSAR 02	02.04.02.03	COL Application Part 2, FSAR Subsection 2.4.2.3, will be revised to add the following sentence at the end of the third to last paragraph as follows: "The feeder ditches draining the ..... due to this PMP event does not occur. Configuration control of the plant layout, as assumed in the hydraulic model described above, is governed by applicable plant procedures."	Verbal commitment to NRC
4960	Pt 02	FSAR 02	02.04.02.03 / 2.4-5	The following paragraph will be added at the end of the text of FSAR Section 2.4.2.3: "The required maintenance for the drainage ditches and overbank areas will be determined during the quarterly walk-through inspections of the drainage features (main drainage and feeder ditches and their overbank areas) in the Units 3 and 4 portion of the protected area and from the protected area fence through the Units 3 and 4 cooling tower area."	SNC Response to RAI 02.04.02-4 in Ltr ND-09-0592, dated 4-29-09.(VEGP RAI LTR 031)
5848	Pt 02	FSAR 02	02.04.10	3. COL Application Part 2, FSAR Subsection 2.4.10 will be revised as follows: The second paragraph on page 2.4-5 will be modified to read: "Subsection 2.4.2 subsequently considered the flooding effects of local intense precipitation (also termed as the local probable maximum precipitation or local PMP) on the Units 3 and 4 safety-related structures at the VEGP site. A local PMP drainage analysis was performed by conservatively assuming that all underground storm drains and culverts were clogged. Details of the local PMP analysis and the resulting flood levels are presented in Subsection 2.4.2. As indicated in Subsection 2.4.2, the maximum water level in the Units 3 and 4 power block area due to the local PMP flood event is calculated to be at El. 219.47 ft msl. The entrances and openings for all safety-related facilities are located at or above the VEGP site grade of EL. 220 ft msl."	Commitment made in response to RAI 02.04.02-01 (Supplement) (see SNC Letter ND-09-1190)
6457	Pt 02	FSAR 02	02.04.T / T2.4-204	COL Application Part 2, FSAR Table 2.4-204 header will be revised to move the parenthetical (Sheet # of 2) to the same line as the Table 2.4-204	Editorial
5849	Pt 02	FSAR 02	02.04.T / T2.4-207	4. COL Application Part 2, FSAR Table 2.4-207 will be revised as shown in SNC Letter ND-09-1190 [Table number and title format made consistent with other tables.]	Commitment made in response to RAI 02.04.02-01 (Supplement) (see SNC Letter ND-09-1190)
5850	Pt 02	FSAR 02	02.04F / F2.4-201a	5. COL Application Part 2, FSAR Figure 2.4-201a will be revised as shown in Enclosure 2 of SNC Letter ND-09-1190.	Commitment made in response to RAI 02.04.02-01 (Supplement) (see SNC Letter ND-09-1190)
Pt 02 - FSAR 03					**6 COLA Changes**

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
5966	Pt 02	FSAR 03	03.07.04.02.01	4. COLA Part 2, FSAR Chapter 3, Subsection 3.7.4.2.1, will be revised to add the following sentence to the end of the existing FSAR added text: The trigger value is initially set at 0.01g.	SUPERSEDED/Incorporated into Qb 5991 - BLN COL-SER-OI-Ch01 response to OI 01.04-01 item 4
5991	Pt 02	FSAR 03	03.07.04.02.01	3. COLA Part 2, FSAR Chapter 3, Subsection 3.7.4.2.1, will be revised to add the following sentence to the end of the existing FSAR added text: "The trigger value is initially set at 0.01g."	Commitment made in response to RAI 01-02 item 3 in RAI Ltr 037, Revision 1, dated 10/23/2009 (see SNC Letter ND-09-1710).
5688	Pt 02	FSAR 03	03.09.03.04.04, item a.1	2. COLA, Part 2, Revision 1, FSAR Chapter 3, Subsection 3.9.3.4.4, item a.1, will be revised to read: A list of snubbers on systems which experience sufficient thermal movement to measure cold to hot position is included in Table 3.9-201.	BLN RAI LTR 007 S2 response to RAI 03.09.06-003 item 2
5689	Pt 02	FSAR 03	03.09.03.04.04, item a.3	3. COLA, Part 2, Revision 1, FSAR Chapter 3, Subsection 3.9.3.4.4, item a.3, will be revised to read: Safety-related snubbers are identified in Table 3.9-201, including the snubber identification and the associated system or component, e.g., line number. The snubbers on the list are hydraulic and constructed to ASME Section III, Subsection NF. The snubbers are used for shock loading only. None of the snubbers are dual purpose or vibration arrestor type snubbers.	BLN RAI LTR 007 S2 response to RAI 03.09.06-003 item 3
5690	Pt 02	FSAR 03	03.09.T / T3.9-201	4. COLA, Part 2, FSAR Chapter 3, Table 3.9-201 will be added to read: TABLE 3.9-201 SAFETY RELATED SNUBBERS	BLN RAI LTR 007 S2 response to RAI 03.09.06-003 item 4
5692	Pt 02	FSAR 03	03.09.T / T3.9-201	COLA, Part 2, FSAR Chapter 3, Table 3.9-201 will be revised to add LMA of STD SUP 3.9-3.	Editorial
Pt 02 - FSAR 05					**5 COLA Changes**
5757	Pt 02	FSAR 05	05.02.01.01	Add red hyperlink text in FSAR Section 5.2.1.1, in the second paragraph at the three locations that refer to the other FSAR sections.	Editorial consistency
5877	Pt 02	FSAR 05	05.02.01.01	COL Application Part 2, FSAR Chapter 5, Section 5.2.1.1, first paragraph, 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. The later Code edition/addenda must be authorized in 10 CFR 50.55a or in a specific authorization as provided in 50.55a(a)(3). 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."	SNC Letter ND-09-1589 - Supplemental Change to incorporate Standard Content
5758	Pt 02	FSAR 05	05.02.03.02.01	Add red hyperlink text in FSAR Section 5.2.3.2.1, in the first paragraph at the two locations that refer to Reference 201 and to the DCD Table 5.2-2.	Editorial
5551	Pt 02	FSAR 05	05.02.04.01	COLA Part 2, FSAR, Subsection 5.2.4.1, fifth paragraph, will be revised 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 conditions specified in 10 CFR 50.55a(g)(6)(ii)(D).	COL-SER-OI-Ch05 response to 05.02-01
5552	Pt 02	FSAR 05	05.03.02.06	COLA Part 2, FSAR, Chapter 5, Subsection 5.3.2.6 (as revised by the Supplement 2 response to BLN-RAI-LTR-002) will be revised from: The type and quantity of test specimens exceed the minimum requirements of EI85-82. To read: The type, quantity, and storage conditions (e.g., surveillance capsules backfilled with inert gas) of test specimens meet or exceed the minimum requirements of ASTM E-185.	COL-SER-OI-Ch05 response to OI 05.03-01
Pt 02 - FSAR 06					**10 COLA Changes**
5695	Pt 02	FSAR 06	06.01.02.01.06	4. COLA Part 2, FSAR Chapter 6, Subsection 6.1.2.1.6, Service Level I and III Coatings, 2nd paragraph, will be revised to read: Coating system monitoring requirements for the containment coating systems are based on ASTM D5163 (Reference 202), "Standard Guide for Establishing Procedures to Monitor the Performance of Coating Service Level I Coating Systems in an Operating Nuclear Power Plant," and ASTM D7167 (Reference 203), "Standard Guide for Establishing Procedures to Monitor the Performance of Safety-Related Coating Service Level III Lining Systems in an Operating Nuclear Power Plant."	BLN-VOL-LTR-005 item 4
5696	Pt 02	FSAR 06	06.01.02.01.06	1. COLA Part 2, FSAR Chapter 6, Subsection 6.1.2.1.6 will be revised to add:	BLN-VOL-LTR-005 item 1

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				Add the following after the third paragraph of the subsection titled "Service Level II Coatings" within DCD Subsection 6.1.2.1.6. Coating system inspection and monitoring requirements for the Service Level II coatings used inside containment will be performed in accordance with a program based on ASTM D5144 (Reference 201), "Standard Guide for Use of Protective Coating Standards in Nuclear Power Plants" and the guidance of ASTM D5163 (Reference 202), " Standard Guide for Establishing Procedures to Monitor the Performance of Coating Service Level I Coating Systems in an Operating Nuclear Power Plant." Any anomalies identified during coating monitoring are resolved in accordance with applicable quality requirements.	
5697	Pt 02	FSAR 06	06.01.02.01.06	3. COLA Part 2, FSAR Chapter 6, Subsection 6.1.2.1.6, Service Level I and III Coatings, 1st paragraph, will be revised to read: Regulatory Guide 1.54 and ASTM D5144 (Reference 201) form the basis for the coating program.	BLN-VOL-LTR-005 item 3
5698	Pt 02	FSAR 06	06.01.03.02	2. COLA Part 2, FSAR Chapter 6, Add the following new subsection after subsection 6.1.3.2: The following information supplements the information provided in DCD subsection 6.1.4. 6.1.4 References 201. ASTM 5144-08, "Standard Guide for Use of Protective Coating Standards in Nuclear Power Plants" 202. ASTM D5163-05a, "Standard Guide for Establishing Procedures to Monitor the Performance of Coating Service Level I Coating Systems in an Operating Nuclear Power Plant" 203 ASTM D7167-05, "Standard Guide for Establishing Procedures to Monitor the Performance of Safety-Related Coating Service Level III Lining Systems in an Operating Nuclear Power Plant"	BLN-VOL-LTR-005 item 2
6364	Pt 02	FSAR 06	06.01.04	COLA Part 2, FSAR Chapter 6, revise Subsection 6.1.4, Reference 201 as added by Qb 5076, from: 201. ASTM 5144-08, "Standard Guide for Use of Protective Coating Standards in Nuclear Power Plants" To read: 201. ASTM D5144-08, "Standard Guide for Use of Protective Coating Standards in Nuclear Power Plants"	Editorial revision to BLN-VOL-LTR-005 item 2
5195	Pt 02	FSAR 06	06.02.05.02.02	Delete "(Reference 201)" {red, hyperlinked text} after "AP-TR-NS01-A, Rev 2, "Containment Leak Rate Test Program Description" (Reference 201).	Reference 201 was added in COLA Rev 1 based on QB 4801 and 5194 and has subsequently been determined to be incorrect since Reference 201 is not listed in this Chapter for AP-TR-NS01-A.
5699	Pt 02	FSAR 06	06.03.08.01	4. COLA Part 2, FSAR Chapter 6, Subsection 6.3.8.1 will be revised to read: 6.3.8.1 Containment Cleanliness Program Insert the following information at the end of DCD Subsection 6.3.8.1: This COL Item is addressed below. Administrative procedures implement the containment cleanliness program. Implementation of the program minimizes the amount of debris left in containment following personnel entry and exits. The program is consistent with the containment cleanliness program limits discussed in DCD Subsection 6.3.8.1. The program includes, as a minimum, the following: Responsibilities The program defines the organizational responsibilities for implementing the program; defines personnel and material controls; and defines the inspection and reporting requirements. Implementation Containment Entry/Exit • Controls to account for the quantities and types of materials introduced into the containment. • Limits on the types and quantities of materials, including scaffolding and tools, to ensure adequate accountability controls. This may be accomplished by the work management process. Storage of aluminum is prohibited without engineering authorization. Cardboard boxes or miscellaneous packing material is not brought into containment without approval. • If entries are made at power, prohibited materials and limits on quantities of materials that may generate hydrogen are established. • Controls for loose items, such as keys and pens, which could be inadvertently	RAI LTR 030 S2 response to RAI 06.02.02-001 item 4 SUPERSEDES RAI LTR 030 S1 response to RAI 06.02.02-001

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				left in containment. • Methods and controls for securing any items and materials left unattended in containment. • Administrative controls for accounting for tools, equipment and other material are established. • Administrative controls for accounting of the permanent removal of materials previously introduced into the containment. • Limits on the types and quantities of materials, including scaffolding and tools, that may be left unattended in containment during outages and power operation. Types of materials considered are tape, labels, plastic film, and paper and cloth products. • Requirements and actions to be taken for unaccounted for material. • Requirements for final containment cleanliness inspections consistent with the design bases provided in DCD Subsection 6.3.8.1. • Record keeping requirements for entry/exit logs. Housekeeping Housekeeping procedures require that work areas be maintained in a clean and orderly fashion during work activities and returned to original conditions (or better) upon completion of work. Sampling Program A sampling program is implemented consistent with NEI Guidance Report 04-07, "Pressurized Water Reactor Sump Performance Evaluation Methodology" as supplemented by the NRC in the "Safety Evaluation by The Office of Nuclear Reactor Regulation Related to NRC Generic Letter 2004-02, Nuclear Energy Institute Guidance Report (Proposed Document Number NEI 04-07), 'Pressurized Water Reactor Sump Performance Evaluation Methodology."' Latent debris sampling is implemented before startup. The sampling is conducted after containment exit cleanliness inspections to provide reasonable assurance that the plant latent debris design bases are met. Sampling frequency and scope may be adjusted based on sampling results. Results are evaluated post-start up and any nonconforming results will be addressed in the Corrective Action Program.	
6322	Pt 02	FSAR 06	06.04.04	COLA Part 2, FSAR Chapter 6, Subsection 6.4.4, will be revised to add an LMAs of STD COL 6.4-1 and STD SUP 6.4-3.	Editorial revision to RAI LTR 137 response to 02.02.03-10, item 2
6321	Pt 02	FSAR 06	06.04.T / T6.4-201	COLA Part 2, FSAR Chapter 6, Table 6.4-201, is revised to replace each LMA of STD SUP 6.4-1 with an LMA of STD SUP 6.4-3.	Editorial revision to RAI LTR 137 response to 02.02.03-10, item 3
6438	Pt 02	FSAR 06	06.04.T / T6.4-201	COLA Part 2, FSAR Chapter 6, Table 6.4-201, is revised to add sheet numbers after the table number at the top of both pages of the this table as follows: Table 6.4-201 (Sheet X of 2) Onsite Chemicals(1)	Format consistency with other FSAR tables
Pt 02 - FSAR 07					**3 COLA Changes**
5727	Pt 02	FSAR 07	07.05	COLA Part 2, FSAR Chapter 7, Revision 1 will be revised to add separator bars and introductory statements for the table references (with a single LMA of VEGP SUP 7.5-1) to read: --- Add the following paragraph at the end of Subsection 7.5.2. FSAR Table 7.5-201 supplements DCD Table 7.5-1 and provides variable data shown in the DCD Table as "site specific." Add the following paragraph at the end of Subsection 7.5.3.5. FSAR Table 7.5-202 supplements DCD Table 7.5-8 and provides variable data shown in the DCD Table as "site specific." ---	Editorial
5841	Pt 02	FSAR 07	07.05	Add red hyperlinks to FSAR Tables 7.5-201 and 7.5-202.	Editorial
6413	Pt 02	FSAR 07	07.05.T / T7.5-201	COLA Part 2, FSAR Chapter 7, Table 7.5-201. Revise the Type/Category column 1st entry to change "C3.E3" to read "C3, E3" (change the period to a comma and space).	Editorial
Pt 02 - FSAR 08					**10 COLA Changes**
5729	Pt 02	FSAR 08	08.02.01.02	1. COLA Part 2, Subsection 8.2.1.2 (with LMA of VEGP COL 8.2-1), is revised from:	Based on RAI LTR 027 S1 response to RAI 14.03-001 item 1

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				Add the following paragraph and subsections at the end of the DCD Subsection 8.2.1.2. 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. To read: Add the following paragraph at the end of the first paragraph of DCD Subsection 8.2.1.2. The transformer area for each unit contains the main stepup transformer (the GSU), (3 single phase transformers plus one spare), three unit auxiliary transformers (the UATs), and two reserve auxiliary transformers (the 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. Add the following paragraph and subsections at the end of the DCD Subsection 8.2.1.2. Each transformer is connected to the switchyard by an offsite circuit beginning at the switchyard side of the breaker(s) within the switchyard and ending at the high voltage terminals of the GSU and RATs.	SER with Open Items Confirmatory Item 8.2A-1 SER with Open Items Confirmatory Item 14.3-1
5617	Pt 02	FSAR 08	08.02.01.02.01	COLA FSAR Chapter 8, will be revised to add the following paragraph at the end of Subsection 8.2.1.2.1 with a left margin annotation (LMA) of VEGP SUP 8.2-X (where X will be the next sequential supplement in FSAR Section 8.2): "The protective devices controlling the switchyard breakers are set with consideration given to preserving the plant grid connection following a turbine trip."	SNC committed action from letter ND-09-1329 (response to RAI 08.02-12 in VEGP RAI LTR 038).
5965	Pt 02	FSAR 08	08.02.02	COLA Part 2, FSAR Chapter 8, Section 8.2.2, Grid Stability, revise the last sentence of the 1st paragraph from: "In order to maintain Reactor Coolant Pump (RCP) operation for three seconds following a turbine trip as specified in DCD Subsection 8.2.2, the grid voltage at the high-side of the GSU, and RATs cannot drop more than 15 percent from the pre-trip steady-state voltage." To Read: "In order to maintain Reactor Coolant Pump (RCP) operation for three seconds following a turbine trip as specified in DCD Subsection 8.2.2, the grid voltage at the high-side of the GSU, and RATs cannot dip more than 0.15 p.u. from the pre-trip steady-state voltage."	Consistency with Westinghouse interface criteria
5992	Pt 02	FSAR 08	08.02.02	4. COLA Part 2, FSAR Chapter 8, Subsection 8.2.2, last paragraph of COL 8.2-2, will be revised to read: "Table 8.2-201 confirms that the interface requirements for steady state load, inrush kVA for motors, nominal voltage, allowable voltage regulation, nominal frequency, allowable frequency fluctuation, maximum frequency decay rate, and limiting under frequency value for Rep have been met. "	Commitment made in response to RAI 01-02 item 4 in RAI Ltr 037, Revision 1, dated 10/23/2009 (see SNC Letter ND-09-1710)
5993	Pt 02	FSAR 08	08.02.02	5. COLA Part 2, FSAR Chapter 8, Subsection 8.2.2, VEGP SUP 8.2-4, will be revised to read: "In addition to turbine trip, the grid stability analysis also considered normally-cleared three-phase faults on the transmission system and three-phase faults followed by breaker failure at the VEGP 500 kV and 230 kV switchyards. A 500 kV line out for maintenance with a normally cleared fault on another 500 kV line was also studied. The results demonstrate that the grid remains stable for the loss of the most critical transmission line, the loss of the largest load, and the loss of the largest generating unit. For these contingencies, the generator bus voltages and switchyard voltages (after fault clearing) remain within acceptable steady state voltage limits." Also deletes the paragraph that followed the paragraph above.	Commitment made in response to RAI 01-02 item 5 in RAI Ltr 037, Revision 1, dated 10/23/2009 (see SNC Letter ND-09-1710).
5234	Pt 02	FSAR 08	08.02.02 / 8.2-11	1. COLA Part 2, FSAR Chapter 8, Subsection 8.2.2, second paragraph of VEGP SUP 8.2-4, will be revised from: "The grid stability analysis confirmed that the interface requirements for steady state load, nominal voltage, allowable voltage regulation, nominal frequency, allowable frequency fluctuation, maximum frequency decay rate, and limiting under frequency value for RCP have been met."	SUPERSEDED by Qb 5993 - Commitment made in response to NRC RAI Ltr. 037 (see SNC letter ND-09-1114)

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				To read: "Table 8.2-201 confirms that the interface requirements for steady state load, inrush kVA for motors, nominal voltage, allowable voltage regulation, nominal frequency, allowable frequency fluctuation, maximum frequency decay rate, and limiting under frequency value for RCP have been met." 2. COLA Part 2, FSAR Chapter 8, will be revised to include the following new Table 8.2-201 with an LMA of VEGP COL 8.2-2: Table 8.2-201 Grid Stability Interface Evaluation {See letter ND-09-1114 for new Table 8.2-201}	
5994	Pt 02	FSAR 08	08.02.T / T8.2-201	6. COLA Part 2, FSAR Chapter 8, will be revised to include new Table 8.2-201 with an LMA of VEGP COL 8.2-2 (refer to RAI Ltr 037, Revision 1, dated 10/23/2009 SNC Letter ND-09-1710).	Commitment made in response to RAI 01-02 item 6 in RAI Ltr 037, Revision 1, dated 10/23/2009 (SNC Letter ND-09-1710).
5730	Pt 02	FSAR 08	08.03.01.01.02.04	COLA Part 2, FSAR Chapter 8, Section 8.3.1.1.2.4 will be revised from: Operation, inspection and maintenance procedures consider both the diesel generator manufacturer's recommendations and industry diesel working group recommendations. To read: Operation, inspection and maintenance (including preventive, corrective, and predictive maintenance) procedures consider both the diesel generator manufacturer's recommendations and industry diesel working group recommendations.	BLN RAI LTR 149 response to RAI 08.03.01-002 SER with Open Items Confirmatory Item 8.3-1
5731	Pt 02	FSAR 08	08.03.01.04	COLA Part 2, FSAR Chapter 8, will be revised to add the following paragraph at the end of Subsection 8.3.1.4. 8.3.1.4 Inspection and Testing Add the following text at the end of DCD Subsection 8.3.1.4 Procedures are established for periodic verification of proper operation of the Onsite AC Power System capability for automatic and manual transfer from the preferred power supply to the maintenance power supply and return from the maintenance power supply to the preferred power supply.	BLN RAI LTR 151 response to RAI 08.02-010(b) SER with Open Items Confirmatory Item 8.2-1
5958	Pt 02	FSAR 08	08.03.01.04 08.03.02.01.01	COLA Part 2, FSAR Chapter 8, Subsection 8.3.1.4, will be revised to add an LMA of STD SUP 8.3-4. Also revise LMA on 8.3.2.1.1.1 from STD SUP 8.3-1 to STD SUP 8.3-3. There is a previous use of SUP 8.3-1.	Revises BLN RAI LTR 151 response to RAI 08.02-010(b) SER with Open Items Confirmatory Item 8.2-1
Pt 02 - FSAR 09					**10 COLA Changes**
5732	Pt 02	FSAR 09	09.01.05	COLA Part 2, Subsection 9.1.5, remove semicolon near bottom of page 9.1-2 following "corrective action"	Editorial for consistency
5899	Pt 02	FSAR 09	09.01.06	1- COLA Part 2, FSAR Chapter 9, Subsection 9.1.6 will be revised to read: 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. The program will also include tests to monitor changes in physical properties of the absorber material, including neutron attenuation and thickness measurements.	SUPERSEDED BY QB 6373 RAI LTR 165 in response to RAI 09.01.02-001 item 1
6373	Pt 02	FSAR 09	09.01.06	COLA Part 2, FSAR Chapter 9, Subsection 9.1.6 will be revised To read: STD COL 9.1-7 A spent fuel rack Metamic coupon monitoring program will be implemented when the plant is placed into commercial operation. This program will include tests to monitor bubbling, blistering, cracking, or flaking; and a test to monitor for corrosion, such as weight loss measurements and / or visual examination. The program will also include testing to monitor changes in physical properties of the absorber material, including neutron attenuation and thickness measurements.	Editorial revision of RAI LTR 165 in response to RAI 09.01.02-001 item 1
6393	Pt 02	FSAR 09	09.01.06	1- COLA Part 2, FSAR Chapter 9, Subsection 9.1.6 will be revised to read: 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. The program will also include tests to monitor changes in physical properties of the absorber material, including neutron attenuation and thickness measurements.	SUPERSEDED BY QB 6373 RAI LTR 165 S1 response to RAI 09.01.02-001 item 1
5235	Pt 02	FSAR 09	09.02.11.02.01.01 / 9.2-13	COLA Part 2, FSAR Chapter 9, Section 9.2.11.2.1.1 will be revised to add the following at the end of the last paragraph: "No additional water treatment is required for the RWS river water subsystem."	Commitment made in response to NRC RAI Ltr. 037 (see SNC letter ND-09-1114)

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
5236	Pt 02	FSAR 09	09.02.11.02.01.02 / 9.2-13	COLA Part 2, FSAR Chapter 9, Section 9.2.11.2.1.2 will be revised to add the following at the end of the first paragraph: "The quality of the water provided by the deep wells is sufficient for the required services. No additional water treatment is required for the RWS well water subsystem."	Commitment made in response to NRC RAI Ltr. 037 (see SNC letter ND-09-1114)
5733	Pt 02	FSAR 09	09.05.01.08.02.02.01	COLA Part 2, Subsection 9.5.1.8.2.2.1, item d, last sub-bullet, add a period at the end of "record files"	Editorial for consistency
5210	Pt 02	FSAR 09	09.05.04.05.02	COLA Part 2, FSAR. Chapter 9, Section 9.5.4.5.2 will be revised to delete second period after the word "removed" at the end of this section. Also delete the bullet at the end of this section.	Editorial corrections due to incomplete removal of text, left over from incorporation of QB 3050 during COLA Rev 1 changes.
6471	Pt 02	FSAR 09	09.05.04.05.02	Revise the reference to ASTM 4176 to read ASTM D4176	Editorial
6462	Pt 02	FSAR 09	09A.03.03	Revise the introductory sentence to capitalize "subsection" To read: Replace the second sentence of Subsection 9A.3.3 with the following information.	Editorial
Pt 02 - FSAR 10					**3 COLA Changes**
5734	Pt 02	FSAR 10	10.01.03.01	1. In Revision 1, the COLA Part 2, FSAR Subsection 10.1.3.1, last sentence of the paragraph was revised from: In addition, the FAC monitoring program considers the information of Generic Letter 89-08 and industry guidelines. To read: 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. In a future revision, the above revised material will be further revised from: 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 read: The FAC program obtains actual thickness measurements for highly susceptible FAC locations for new lines as defined in EPRI NSAC-202L-R3 (Reference 201). At a minimum, a CHECWORKS type Pass 1 analysis is used for low and highly susceptible FAC locations and a CHECWORKS type Pass 2 analysis is used for highly susceptible FAC locations when Pass 1 analysis results warrant.	BLN RAI LTR 18 S2 response to RAI 10.03.06-002 item 1 SER with Open Items Confirmatory Item 10.1-1
5735	Pt 02	FSAR 10	10.01.04	2. COLA Part 2, FSAR Section 10.1, will be further revised to include a new Subsection 10.1.4, References, following Subsection 10.1.3: Add the following after DCD Subsection 10.1.3: 10.1.4 References 201. EPRI NSAC-202L-R3, Recommendations for an Effective Flow-Accelerated Corrosion Program (NSAC-202L-R3), Electric Power Research Institute (EPRI) Technical Report 1011838, Palo Alto, CA, 2006.	BLN RAI LTR 18 S2 response to RAI 10.03.06-002 item 2 SER with Open Items Confirmatory Item 10.1-1
5736	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 remove the "will" from the sentence beginning "Operations and maintenance procedures will include precautions,..."	Consistency - FSAR text is present tense
Pt 02 - FSAR 11					**10 COLA Changes**
5237	Pt 02	FSAR 11	11.02.03	COLA Part 2, FSAR Chapter 11, Section 11.2, will be revised to add the following subsection with LMA of VEGP SUP 11.2-2: _____ 11.2.3 Radioactive Releases _____ Add the following new paragraph at the end of DCD Subsection 11.2.3: The only liquid effluent site interface parameter outside of the Westinghouse scope is the release point to the Savannah River.	Commitment made in response to NRC RAI Ltr. 037 (see SNC letter ND-09-1114)

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
5238	Pt 02	FSAR 11	11.03 / 11.3-1	COLA Part 2, FSAR Chapter 11, Section 11.3, will be revised to add the following subsection with LMA of STD SUP 11.3-2: _____ 11.3.3 Radioactive Releases _____ Add the following new paragraph at the end of DCD Subsection 11.3.3: There are no gaseous effluent site interface parameters outside of the Westinghouse scope. _____	Commitment made in response to NRC RAI Ltr. 037 (see SNC letter ND-09-1114)
5842	Pt 02	FSAR 11	11.04.02.04.03	Addition of new Subsection 11.4.2.4.3, Alternatives for B and C Wastes	Commited action from SNC letter ND-09-1540, Response to NRC RAI Ltr No. 039
5846	Pt 02	FSAR 11	11.04.02.04.03	COLA Part 2, FSAR Chapter 11, Subsection 11.4.2.4.3 (as added by LTR039 response) will be revised to correct the LMA from COL 11.4-2 to COL 11.4-1	LMA identification correction Revision to VEGP response LTR039 to address COL-SER-OI-Ch11 response to OI 11.04-01
5738	Pt 02	FSAR 11	11.04.06	1. COLA Part 2, FSAR Chapter 11, Subsection 11.4.6, will be revised to read: A Process Control Program (PCP) is developed and implemented in accordance with the recommendations and guidance of NEI 07-10A (Reference 201). The PCP describes the administrative and operational controls used for the solidification of liquid or wet solid waste and the dewatering of wet solid waste.	BLN-VOL-LTR-003 response to NEI 07-10 item 1 SER with Open Items Confirmatory Item 11.4-1
5843	Pt 02	FSAR 11	11.04.06.03	Supplemental Text for FSAR Subsection 11.4.6.3, Long Term On-Site Storage Facility and revision to Subsection 11.4.7	Committed action from SNC letter ND-09-1540, SNC Response to NRC RAI Ltr No. 039.
5739	Pt 02	FSAR 11	11.04.07	2. COLA Part 2, FSAR Chapter 11, Subsection 11.4.7, will be revised to read: 201. NEI 07-10A, "Generic FSAR Template Guidance for Process Control Program (PCP)," Revision 0, March 2009.	BLN-VOL-LTR-003 response to NEI 07-10 item 2 SER with Open Items Confirmatory Item 11.4-1
5844	Pt 02	FSAR 11	11.04.07	2. COLA FSAR Subsection 11.4.7 REFERENCES will be revised by adding the following references: 202. Technical Report 1018644 "Guidelines for Operating an Interim On Site Low Level Radioactive Waste Storage Facility," Revision 1, EPRI, Palo Alto, CA, February 2009. 203. Regulatory Issue Summary 2008-32 "Interim Low Level Radioactive Waste Storage at Reactor Sites," December 2008 204 Generic Letter (GL) 81-38, "Storage of Low-Level Radioactive Wastes at Power Reactor Sites," November 1981.	Committed action from SNC letter ND-09-1540, SNC Response to NRC RAI Ltr No. 039.
5740	Pt 02	FSAR 11	11.05.07	1. COLA Part 2, FSAR Chapter 11, Subsection 11.5.7, will be revised to read: An Offsite Dose Calculation Manual (ODCM) is developed and implemented in accordance with the recommendations and guidance of NEI 07-09A (Reference 202). The ODCM contains the methodology and parameters used for calculating doses resulting from liquid and gaseous effluents. The ODCM addresses operational setpoints, including planned discharge rates, for radiation monitors and monitoring programs (process and effluent monitoring and environmental monitoring) for the control and assessment of the release of radioactive material to the environment. The ODCM provides the limitations on operation of the radwaste systems, including functional capability of monitoring instruments, concentrations of effluents, sampling, analysis, 10 CFR Part 50, Appendix I dose and dose commitments, and reporting. The ODCM will be finalized prior to fuel load with site-specific information.	BLN-VOL-LTR-003 response to NEI 07-09 item 1 SER with Open Items Confirmatory Item 11.5-1
5741	Pt 02	FSAR 11	11.05.08	2. COLA Part 2, FSAR Chapter 11, Subsection 11.5.8, will be revised to read: 202. NEI 07-09A, "Generic FSAR Template Guidance for Offsite Dose Calculation Manual (ODCM) Program Description," Revision 0, March 2009.	BLN-VOL-LTR-003 response to NEI 07-09 item 2 SER with Open Items Confirmatory Item 11.5-1
Pt 02 - FSAR 12					**19 COLA Changes**
6061	Pt 02	FSAR 12	12.01	5. COLA Part 2, FSAR Chapter 12, Section 12.1, will be revised to read: This section incorporates by reference NEI 07-08A, Generic FSAR Template Guidance for Ensuring That Occupational Radiation Exposures Are As Low As Is Reasonably Achievable (ALARA), Revision 0. 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.	COL-SER-OI-Ch12 S1 response to OI 12.01-001 item 5 SNC Letter ND-09-1770
6062	Pt 02	FSAR 12	12.01	6. COL Part 2 FSAR Chapter 12, Section 12.1, will be revised to add new text (with an LMA of STD COL 12.1-1) that reads:	COL-SER-OI-Ch12 S1 response to OI 12.01-001 item 6

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				Revise the last sentence of NEI 07-08A Subsection 12.1.2 to read: ALARA procedures are established, implemented, maintained and reviewed consistent with 10 CFR 20.1101 and the quality assurance criteria described in Part III of the Quality Assurance Program Description, which is discussed in Section 17.5.	SNC Letter ND-09-1770
5918	Pt 02	FSAR 12	12.01.03	3. COLA Part 2, FSAR Chapter 12, Subsection 12.1.3, will be revised to remove the LMA of VEGP COL 12.1-1 and retain only the LMA of STD COL 12.1-1.	COL-SER-CI-Ch12 response to CI 12.01.01 - SNC Supplemental Response item 3 SNC Letter #ND-09-1529 Enclosure 2
6063	Pt 02	FSAR 12	12.01.03	7. COL Part 2 FSAR Chapter 12, Section 12.1.3, will be revised to read: This COL item is addressed in NEI 07-08A and Appendix 12AA.	COL-SER-OI-Ch12 S1 response to OI 12.01-001 item 7 SNC Letter ND-09-1770
5912	Pt 02	FSAR 12	12.03.05.01	7. COLA Part 2, FSAR Chapter 12, Section 12.3.5.1, will be revised to read: This COL item is addressed in Subsection 12.5.4 and Appendix 12AA.	COL-SER-CI-Ch12 response to CI 12.01.01 item 7 SNC Letter #ND-09-1529
5919	Pt 02	FSAR 12	12.03.05.01	4. COLA Part 2, FSAR Chapter 12, Subsection 12.3.5.1, will be revised to remove the LMA of VEGP COL 12.3-1 and retain only the LMA of STD COL 12.3-1.	COL-SER-CI-Ch12 response to CI 12.01.01 - SNC Supplemental Response item 4 SNC Letter #ND-09-1529 Enclosure 2
5244	Pt 02	FSAR 12	12.04.01.09.05	COLA Part 2, FSAR Chapter 12, Subsection 12.4.1.9, will be revised to include the following new subsection (12.4.1.9.4.5 for VEGP) at the end of the section with a Left Margin Annotation (LMA) of STD SUP 12.4-1: STD SUP 12.4-1 12.4.1.9.x Operating Unit Radiological Surveys The operating unit conducts radiological surveys in the unrestricted and controlled area and radiological surveys for radioactive materials in effluents discharged to unrestricted and controlled areas in implementing 10 CFR 20.1302. These surveys demonstrate compliance with the dose limits of 10 CFR 20.1301 for construction workers.	COL-SER-OI-Ch12 response to OI 12.04-01
5913	Pt 02	FSAR 12	12.05	8. COLA Part 2, FSAR Chapter 12, Section 12.5, will be revised to add new text after Section 12.5.2.2 (with an LMA of STD COL 12.3-1) that reads: 12.5.4 Controlling Access and Stay Time Add the following text to the end of DCD Subsection 12.5.4. STD COL 12.3-1 A closed circuit television system may be installed in high radiation areas to allow remote monitoring of individuals entering high radiation areas by personnel qualified in radiation protection procedures.	COL-SER-CI-Ch12 response to CI 12.01.01 item 8 SNC Letter #ND-09-1529
5920	Pt 02	FSAR 12	12.05.05	5. COLA Part 2, FSAR Chapter 12, Subsection 12.5.5, will be revised from an LMA of VEGP COL 12.5-1 to an LMA of STD COL 12.5-1.	COL-SER-CI-Ch12 response to CI 12.01.01 - SNC Supplemental Response item 5 SNC Letter #ND-09-1529 Enclosure 2
5914	Pt 02	FSAR 12	12AA	9. COLA Part 2, FSAR Chapter 12, Appendix 12AA will be revised in its entirety as shown in Attachment 12.01-01A of COL-SER-CI-CH12 (SNC Letter #ND-09-1529). The changes include those provided in the response to BLN-RAI-LTR-142 (NRC RAI Number 01-11, ADAMS ML083510576).	COL-SER-CI-Ch12 response to CI 12.01.01 item 9 SNC Letter #ND-09-1529
5921	Pt 02	FSAR 12	12AA	6. COLA Part 2, FSAR Chapter 12, Appendix 12AA, initial paragraph LMAs will be revised to read: STD COL 12.1-1 STD COL 12.3-1 STD COL 12.5-1	COL-SER-CI-Ch12 response to CI 12.01.01 - SNC Supplemental Response item 6 SNC Letter #ND-09-1529 Enclosure 2
5922	Pt 02	FSAR 12	12AA.05.04.07	7. COLA Part 2, FSAR Chapter 12, Appendix 12AA, LMAs associated with change to NEI 07-03A Subsection 12.5.4.7, will be revised to read: STD COL 12.1-1 STD COL 12.3-1 STD COL 12.5-1	COL-SER-CI-Ch12 response to CI 12.01.01 - SNC Supplemental Response item 7 SNC Letter #ND-09-1529 Enclosure 2
6064	Pt 02	FSAR 12	12AA.05.04.08	1. COLA Part 2, FSAR Chapter 12, Appendix 12AA, text after the last bullet of NEI 07-03 Subsection 12.5.4.8 will be revised to read:	COL-SER-OI-Ch12 S1 response to OI 12.03-001 item 1

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				This subsection adopts NEI 08-08A (Reference 201), for a description of the operational and programmatic elements and controls that minimize contamination of the facility, site, and the environment, to meet the requirements of 10 CFR 20.1406.	SNC Letter #ND-09-1770
6065	Pt 02	FSAR 12	12AA.05.04.14	2. COL Part 2 FSAR Chapter 12, Appendix 12AA 5.4.14 last paragraph, will be revised to read: This subsection adopts NEI 08-08A (Reference 201) for the Groundwater Monitoring Program description.	COL-SER-OI-Ch12 S1 response to OI 12.03-001 item 2 SNC Letter #ND-09-1770
6066	Pt 02	FSAR 12	12AA.05.04.15	3. COL Part 2 FSAR Chapter 12, Appendix 12AA.5.4.15, will be revised to read: This subsection adopts NEI 08-08A (Reference 201) for discussion of record keeping practices important to decommissioning.	COL-SER-OI-Ch12 S1 response to OI 12.03-001 item 3 SNC Letter #ND-09-1770
5742	Pt 02	FSAR 12	12AA.Refs	5. COLA Part 2, FSAR Chapter 12, Appendix 12AA, Revision 1, will be revised to include the following additional statements: Revise the References section, Reference 8, to read as follows: 8. Regulatory Guide 1.97, Revision 3, "Instrumentation for Light-Water-Cooled Nuclear Power Plants to Assess Plant and Environs Conditions During and Following an Accident."	SUPERSEDED by Qb 5914 - RAI LTR 142 response to RAI 01-11, item 5
6067	Pt 02	FSAR 12	12AA.Refs	4. COL Part 2 FSAR Chapter 12, Appendix 12AA reference to NEI 07-03 References will be revised to read: 201. NEI 08-08A, Generic FSAR Template Guidance for Life Cycle Minimization of Contamination, Revision 0, October 2009.	COL-SER-OI-Ch12 S1 response to OI 12.03-001 item 4 SNC Letter #ND-09-1770
6421	Pt 02	FSAR 12	12AA.Refs	4. COL Part 2 FSAR Chapter 12, Appendix 12AA reference to NEI 07-03 References will be revised to read: 201. NEI 08-08A, Generic FSAR Template Guidance for Life Cycle Minimization of Contamination, Revision 0, October 2009 (ML093220445).	Editorial revision to COL-SER-OI-Ch12 S1 response to OI 12.03-001 item 4 SNC Letter #ND-09-1770
5915	Pt 02	FSAR 12	12AA.T / T12AA-201	10. COLA Part 2, FSAR Chapter 12, Appendix 12AA, add new Table 12AA-201 (with an LMA of STD COL 12.3-1) as shown in Attachment 12.01-01B of COL-SER-CI-CH12 (SNC Letter #ND-09-1529).	COL-SER-CI-Ch12 response to CI 12.01.01 item 10 SNC Letter #ND-09-1529
Pt 02 - FSAR 13					**13 COLA Changes**
6515	Pt 02	FSAR 13	13.01 LOF	COLA Part 2, FSAR Chapter 13, Section 13.1, List of Figures, will be revised To read: 13.1-201 Corporate and Engineering Organization 13.1-202 Plant Management Organization 13.1-203 Shift Operations	Editorial
5743	Pt 02	FSAR 13	13.02	4. COLA Part 2, FSAR Chapter 13, Section 13.2, will be revised to read: This section incorporates by reference NEI 06-13A, Template for an Industry Training Program Description.	BLN-VOL-LTR-004 response to NEI 06-13 item 4
5310	Pt 02	FSAR 13	13.04.T / T13.4-201 08	1. COLA Part 2, FSAR Chapter 13, Section 13.4, Table 13.4-201, item 8, Fire Protection Program, will be revised (to add the following new milestone): (portions applicable to SNM) 10 CFR 30.32 10 CFR 40.31 Prior to initial receipt of byproduct source, or special nuclear materials (excluding Exempt Quantities as described in 10 CFR 30.18) 10 CFR 30.32(a) 10 CFR 40.31(a)	COL-SER-OI-Ch01 response to OI 01.05-01 item 1
5881	Pt 02	FSAR 13	13.04.T / T13.4-201 08	COLA Part 2, FSAR Chapter 13, Section 13.4, Table 13.4-201, items 8, 11, 14 and 15, will be revised to add a comma after "byproduct" in the milestone "Prior to initial receipt of byproduct..."	Editorial revision to COL-SER-OI-Ch01 response to OI 01.05-01 item 1
6068	Pt 02	FSAR 13	13.04.T / T13.4-201 10	5. COL Part 2 FSAR Chapter 13, Table 13.4-201 (Sheet 3 of 7) Item 10 will be revised to add a reference to 10 CFR 20.1406 to the Program Source (Required by) column.	COL-SER-OI-Ch12 S1 response to OI 12.03-001 item 5 SNC Letter #ND-09-1770
6069	Pt 02	FSAR 13	13.04.T / T13.4-201 10	6. COL Part 2 FSAR Chapter 13, Table 13.4-201 (Sheet 3 of 7) Item 10 will be revised to add a new sub-bullet "· Minimization of Contamination" to the Program Title column.	COL-SER-OI-Ch12 S1 response to OI 12.03-001 item 6 SNC Letter #ND-09-1770
5312	Pt 02	FSAR 13	13.04.T / T13.4-201 11	2. COLA Part 2, FSAR Chapter 13, Section 13.4, Table 13.4-201, item 11, Non Licensed Plant Staff Training Program, will be revised (to add the following new milestone):	COL-SER-OI-Ch01 response to OI 01.05-01 item 2

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				(portions applicable to SNM) 10 CFR 30.32 Prior to initial 10 CFR 30.32(a) 10 CFR 40.31 receipt of byproduct 10 CFR 40.31(a) source, or special nuclear materials (excluding Exempt Quantities as described in 10 CFR 30.18)	
5313	Pt 02	FSAR 13	13.04.T / T13.4-201 14	3. COLA Part 2, FSAR Chapter 13, Section 13.4, Table 13.4-201, item 14, Emergency Planning, will be revised (to add the following new milestone): (portions applicable to SNM) 10 CFR 30.32 Prior to initial 10 CFR 30.32(a) 10 CFR 40.31 receipt of byproduct 10 CFR 40.31(a) source, or special nuclear materials (excluding Exempt Quantities as described in 10 CFR 30.18)	COL-SER-OI-Ch01 response to OI 01.05-01 item 3
5314	Pt 02	FSAR 13	13.04.T / T13.4-201 15	4. COLA Part 2, FSAR Chapter 13, Section 13.4, Table 13.4-201, item 15, Security Program, will be revised (to add the following new milestone): (portions applicable to SNM) 10 CFR 30.34 Prior to initial 10 CFR 30.32(a) 10 CFR 40.41 receipt of byproduct 10 CFR 40.31(a) source, or special nuclear materials (excluding Exempt Quantities as described in 10 CFR 30.18)	COL-SER-OI-Ch01 response to OI 01.05-01 item 4
5744	Pt 02	FSAR 13	13.04.T / T13.4-201 20	Change COLA Part 2, FSAR, Table 13.4-201, Line item 20, Fitness for Duty (FFD) Program Milestones from: "Prior to initiating construction" to read "Prior to initiating onsite construction"	Consistency with BLN STD text
5853	Pt 02	FSAR 13	13.06	1. Change COLA Part 2, FSAR, Section 13.6, Security, second paragraph by adding a reference to §52.79(a)(36) and deleting the unnecessary statement regarding withheld information, as follows: From: The Cyber Security Plan is submitted to the Nuclear Regulatory Commission as a separate licensing document in order to fulfill 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. To read: The Cyber Security Plan is submitted to the Nuclear Regulatory Commission as a separate licensing document to fulfill the requirements contained in 10 CFR 52.79(a)(36) and 10 CFR 73.54. The Cyber Security Plan will be maintained in accordance with the requirements of 10 CFR 52.98. The Plan is withheld from public disclosure pursuant to 10 CFR 2.390.	Commitment made in response to Cyber Security Plan (see SNC Letter ND-09-1167)
5746	Pt 02	FSAR 13	13.06.03	Restore COLA Part 2, FSAR, Section 13.6.3, References, with Reference 201 of "Not used."	References section needed to support DC 13.7 redistribution as identified at top of FSAR Section 13.7.
5747	Pt 02	FSAR 13	13.07	Revise COLA Part 2, FSAR, Section 13.7 introductory material from: "DCD Section 13.7 is redistributed to include DCD Section 13.7 references 7, 8, and 10 with COLA FSAR Subsection 13.5.4 and DCD Section 13.7 references 2, 3, and 4 with COLA FSAR Subsection 13.6.2." To read: "DCD Section 13.7 is redistributed to include DCD Section 13.7 references 7, 8, and 10 with COLA FSAR Subsection 13.5.4 and DCD Section 13.7 references 2, 3, and 4 with COLA FSAR Subsection 13.6.3."	References section in 13.6 revised from 13.6.2 to 13.6.3.
Pt 02 - FSAR 14					**13 COLA Changes**

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
5772	Pt 02	FSAR 14	14.02.01	Revise reference to Regulatory Guide 1.206, Part I, Section C.1.14.2 as identified in Qb 2597 to Section C.I.14.2.	Editorial revision to Qb 2597 as identified in RAI LTR 139 S1 response to RAI 14.02-012, item 2
5247	Pt 02	FSAR 14	14.02.01.04	Add LMA of STD COL 14.4-3 to the additions of 14.2.1.4 and 14.2.1.5 that follow 14.2.1.3 as identified in Qb 2597 (5246 for VEGP).	Editorial revision to Qb 2597 (5246 for VEGP). as identified in RAI LTR 139 S1 response to RAI 14.02-012, item 2
5748	Pt 02	FSAR 14	14.02.02.04 - .06	Revise Subsections 14.2.2.4 to remove untitled subsection numbers 14.2.2.4.1 and 14.2.2.4.2. The text remains, only the subsection numbers are removed. Revise Subsections 14.2.2.5 to remove untitled subsection numbers 14.2.2.5.1 and 14.2.2.5.2. The text remains, only the subsection numbers are removed. Revise Subsections 14.2.2.6 to remove untitled subsection numbers 14.2.2.6.1 and 14.2.2.6.2. The text remains, only the subsection numbers are removed.	Editorial revision to Qb 2597 - RAI LTR 139 response to RAI 14.02-012, item 1
5136	Pt 02	FSAR 14	14.02.03	Add LMA of STD COL 14.4-3 to the additions at the end of 14.2.3 as identified in Qb 2597.	Editorial revision to Qb 2597 as identified in RAI LTR 139 S1 response to RAI 14.02-012, item 2
5750	Pt 02	FSAR 14	14.02.03.02.01	COLA Part 2, FSAR Subsection 14.2.3.2.1, fourth paragraph will be changed from: 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." To read: Startup test reports are prepared in accordance with the guidance in position C.9 of Regulatory Guide 1.68, "Initial test Programs for Water-Cooled Nuclear Power Plants."	Regulatory Guide 1.16 withdrawn by NRC 8-11-2009 via 74 FR 40244. This modifies the change in RAI LTR 139 S1 response to RAI 14.02-012, item 3 SER with Open Items Confirmatory Item 14.2-5
5752	Pt 02	FSAR 14	14.02.03.03.01	Add LMA of STD COL 14.4-4 to text beginning at Subsection 14.2.3.3.1 as identified in Qb 2597.	Editorial revision to Qb 2597 as identified in RAI LTR 139 S1 response to RAI 14.02-012, item 2
5878	Pt 02	FSAR 14	14.02.03.03.01	COLA Part 2, FSAR Subsection 14.2.3.3.1, first paragraph will be changed from: A startup report is submitted per Regulatory Guide 1.16 at the earliest of: To read: A startup report is submitted at the earliest of:	Regulatory Guide 1.16 withdrawn by NRC 8-11-2009 via 74 FR 40244. Revision to Qb 2597 - RAI LTR 139 response to RAI 14.02-012, item 1
5754	Pt 02	FSAR 14	14.02.05.01	COLA Part 2, FSAR Chapter 14, Subsection 14.2.5, as shown in Revision 1, will be revised to omit the subsection number of 14.2.5 and align the subtitle of "Utilization of Operating Experience," with the left margin.	Editorial, this text is added to DCD 14.2.5.
6460	Pt 02	FSAR 14	14.02.05.01	Revise the header to capitalize "during" To read: Use of OE During Test Procedure Preparation	Editorial
5788	Pt 02	FSAR 14	14.03.02.03	Under Selection Criteria, fourth sub-bullet under the first main bullet, revise the reference to "DCD Section 16.3" to red text and add hyperlink.	Editorial
5260	Pt 02	FSAR 14	14.03.T / T14.3-201	Correct the ITAAC SCREENING SUMMARY table 14.3-201 for system YFS to underline XX as shown below: YFS Yard Fire Water System XX {underlined}	Correct error when the YFS system was added to Table 14.3-201 during COLA Rev 1 (QB 3141).
5256	Pt 02	FSAR 14	14.03T / T14.3-201	2. COLA Part 2, Section 14.3, Table 14.3-201 entry for offsite power (with VEGP SUP 14.3-2), is revised from: ZBS Transmission Switchyard and Offsite Power System XX {underlined} To read: ZBS Transmission Switchyard and Offsite Power System XX {not underlined}	RAI LTR 027 S1 response to RAI 14.03-001 item 2 SER with Open Items Confirmatory Item 14.3-1
5257	Pt 02	FSAR 14	14.03T / T14.3-201	3. COLA Part 2, Section 14.3, Table 14.3-201 legend, is revised to add: XX = Selected for ITAAC	RAI LTR 027 S1 response to RAI 14.03-001 item 3 SER with Open Items Confirmatory Item 14.3-1

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
Pt 02 - FSAR 17					**3 COLA Changes**
5263	Pt 02	FSAR 17	17.04	COLA Part 2, FSAR, Chapter 17, Section 17.4 "Design Reliability Assurance Program" will be revised to read: This section of the referenced DCD is incorporated by reference with the following departures and/or supplements. STD SUP 17.4-1 The quality assurance requirements for non-safety related SSCs within the scope of D-RAP is in accordance with the Quality Assurance Program Description (QAPD), Part III.	RAI LTR 150 response to RAI 17.04-002 SER with Open Items Confirmatory Item 17.4-1
5815	Pt 02	FSAR 17	17.05	6. Revise FSAR Subsection 17.5 to include the following new paragraph following the existing first paragraph (with the same LMAs as the existing first paragraph): Conformance statements for QA-related Regulatory Guides (including Regulatory Guides 1.28, 1.30, 1.33, 1.38, 1.39, 1.94, and 1.116) are provided in Appendix 1AA. While many Regulatory Guide positions can be identified as applicable to the scope of work identified and addressed by the DCD and others can be identified as applicable to the scope of work identified and addressed by the COLA, some QA guidance related positions could be accomplished by either scope of work and thus be addressed in either the DCD or the COLA. These positions are primarily dependent on who performs the work. The DCD conformance statement indicates an exception to apply NQA-1. The COLA identifies an exception to apply NQA-1. Per DCD Section 17.3, WEC work performed up to March 15, 2007 applied a 1991 version of the standard. A 1994 version of the standard is applied for work performed after that date by WEC. If the work is performed under the applicant's COL program, the 1994 version of NQA-1 identified in the COLA QAPD is applied. Thus, DCD scope (identified in DCD Appendix 1A) and "remaining scope" differentiate the application of the guidance identified in these Regulatory Guides.	COL-SER-OI-Ch01 S1 response to OI 01.04-02 item 6
6440	Pt 02	FSAR 17	17.08 R202	COLA Part 2, FSAR Chapter 17, Subsection 17.8, References, will be revised to add the date at the end of the reference to NEI 07-02A as follows: 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, March 2008.	Editorial consistency
Pt 02 - FSAR 18					**1 COLA Change**
5888	Pt 02	FSAR 18	18.08.03.05	COLA Part 2, Chapter 18, Subsection 18.8.3.5, will be revised to show additional LMA of VEGP ESP PC 8	Editorial addition of Left Margin Annotation
Pt 02 - FSAR 19					**10 COLA Changes**
5030	Pt 02	FSAR 19	19.58	1) COLA Part 2, FSAR Chapter 19, Section 19.58 will be revised to read: "This section of the referenced DCD is incorporated by reference with the following departures and/or supplements."	Commitment made in SNC letter ND-09-0795 (VEGP Response to RAI Ltr 33)
5760	Pt 02	FSAR 19	19.58.03	2) COLA Part 2, FSAR Chapter 19, Section 19.58 will be revised to add new Subsection 19.58.3 that reads: "19.58.3 Conclusion Add the following information at the end of DCD Subsection 19.58.3: VEGP SUP 19.58-1 Table 19.58-201 documents the site-specific external events evaluation that has been performed for VEGP Units 3 and 4. This table provides a general explanation of the evaluation and resultant conclusions and provides a reference to applicable sections of the COL where more supporting information (including data used, methods and key assumptions) regarding the specific event is located. Based upon this evaluation, it is concluded that the VEGP Units 3 and 4 site is bounded by the High Winds, Floods and Other External Events analysis documented in DCD Section 19.58 and APP-GW-GLR-101 (Reference 201) and no further evaluations are required at the COL application stage."	Commitment made in SNC letter ND-09-0795 (VEGP Response to RAI Ltr 33).
5761	Pt 02	FSAR 19	19.58.04	3) COLA Part 2, FSAR Chapter 19, Section 19.58 will be revised to add new Subsection 19.58.4, that reads: "19.58.4 References 201. Westinghouse Electric Company LLC, "AP1000 Probabilistic Risk Assessment Site-Specific Considerations," Document Number APP-GW-GLR-101, Revision 1, October 2007."	Commitment made in SNC letter ND-09-0795 (VEGP Response to RAI Ltr 33).
5762	Pt 02	FSAR 19	19.58.T / T19.58-201	4) COLA Part 2, FSAR Chapter 19, Section 19.58, add new Table 19.58-201 as shown in Attachment 1 [to SNC letter ND-09-0795] (VEGP Response to RAI Ltr 33) .	Commitment made in SNC letter ND-09-0795 (VEGP Response to RAI Ltr 33).
5960	Pt 02	FSAR 19	19.58.T / T19.58-201	COLA Part 2, FSAR Chapter 19, Section 19.58, new Table 19.58-201 is revised to add LMA of VEGP SUP 19.58-1 (top left side of each page of table)	Revises commitment made in SNC letter ND-09-0795 (VEGP Response to RAI Ltr 33).

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
6470	Pt 02	FSAR 19	19.58.T / T19.58-201 (sh 3 of 10)	Revise the text under External Flood events, for identifying a maximum water level of 219.45 to a maximum water level 219.47.	Consistency with commitment made in response to RAI 02.04.02-01 (Response to RAI Letter No. 28 Supplement, SNC Letter ND-09-1190) - This value supersedes the value provided in Response to RAI Letter No. 033 (see SNC Letter ND-09-0795).
5759	Pt 02	FSAR 19	19.59.10.05	5. COLA Part 2, FSAR Chapter 19, Subsection 19.59.10.5, revise fourth paragraph to read: As discussed in Section 19.58.3, it has been confirmed that the Winds, Floods and Other External Events analysis documented in DCD Section 19.58 is applicable to the site. The site-specific design has been evaluated and is consistent with the AP1000 PRA assumptions. Therefore, Section 19.58 of the AP1000 DCD is applicable to this design.	Commitment made in SNC letter ND-09-0795 (VEGP Response to RAI Ltr 33).
5763	Pt 02	FSAR 19	19.59.10.05	1. COLA Part 2, FSAR Chapter 19, subsection 19.59.10.5, STD COL 19.59.10-1, first three sentences will be changed to read: A review of the differences between the as-built plant and the design used as the basis for the AP1000 seismic margins analysis will be completed prior to fuel load. A verification walkdown will be performed with the purpose of identifying differences between the as-built plant and the design. Any differences will be evaluated and the seismic margins analysis modified as necessary to account for the plant-specific design, and any design changes or departures from the certified design.	RAI LTR 152 response to RAI 19-20 item 1
5764	Pt 02	FSAR 19	19.59.10.05	2. COLA Part 2, FSAR Chapter 19, Subsection 19.59.10.5, STD COL 19.59.10-3 will be revised to read: A review of the differences between the as-built plant and the design used as the basis for the AP1000 internal fire and internal flood analyses will be completed prior to fuel load. Plant specific internal fire and internal flood analyses will be evaluated and the analyses modified as necessary to account for the plant-specific design, and any design changes or departures from the certified design.	RAI LTR 152 response to RAI 19-20 item 2
5266	Pt 02	FSAR 19	19.59.10.06	Add a red hyperlinked text to (Reference 201) 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 of identifying references. Hyperlink was left out when incorporating QB 5265 during COLA Rev 1.
Pt 05 - ***(empty)***					**5 COLA Changes**
5874	Pt 05		00 / Page 1	Revise the IBR sentence from: "Part 5 of the referenced ESP application is incorporated by reference with the following supplements." To read: "Part 5 of the referenced ESP application is incorporated by reference with the following supplements and exceptions."	Final ITAAC have been incorporated into the ESP - proposed ITAAC are no longer applicable and need to be excepted from the IBR.
5106	Pt 05		00 / Page 4	The following changes will be made in a future revision of the VEGP Units 3 and 4 COL Application: • Add the following supplements to Part 5 of the COL application "Replace the second sentence of the fourth paragraph of subsection H.1.1 with: 'The ventilation system will be designed to maintain exposures to occupants at or below 5 rem total effective dose equivalent (TEDE) for the duration of the accident.'" "Add the following after the first sentence of the fifth paragraph of subsection H.1.1: 'The ventilation system will operate in the pressurization and filtering mode upon detection of high radiation in the TSC ventilation intake.'"	Commitment made in VEGP Response to RAI Letter No. 35, SNC letter ND-09-1027, dated June 26, 2009.
5378	Pt 05		00 / Page 5	Delete "for Units 3 and 4" from the title of NEI 07-01	Typographical Error
5856	Pt 05		00 / Page 5	The following changes will be made in a future revision of the VEGP Units 3 and 4 COL Application: • Add the following supplements to Part 5 of the COL application "Add the following SUb-item 5.1.8 to Item 5.0, Emergency Facilities and Equipment, of Table V2A3-1, Unit 3 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC), of the Emergency Plan: '5.1.8 Controls and displays exist in the TSC to control and monitor the status of the TSC ventilation system including heating and cooling, and the activation of the HEPA and charcoal filter system upon detection of high radiation in the TSC.'"	SUPERSEDED by Qb 5875 and Qb 5923 - Commitment made in SNC letter ND-09-1027, dated June 26, 2009
5875	Pt 05		00 / Page 5	Add the following statement at the end of the current Part 5. "Annex V2, Appendix 3 and Appendix 4 of the referenced ESP Emergency Plan are not incorporated by reference into the COL application Emergency Plan. Rather, the emergency planning ITAAC provided in Appendix E of the Vogtle Electric Generating Plant Early Site Permit are incorporated by reference in Part 10 of this COL application."	Final ITAAC have been incorporated into the ESP - proposed ITAAC are no longer applicable and need to be excepted from the IBR.

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
Pt 07 - ***(empty)***					**2 COLA Changes**
3407	Pt 07		A.1 & A.2	Add page continuation headers to accommodate NRC prior approval statements at the end of each departure.	Editorial
5394	Pt 07		A.1 / DEP 1.1-1 and 9.2-1	Correct the statement at end of departure VEGP DEP 1.1-1 and 9.2-1 that identifes that these departues do not require prior NRC approval. Correct the following statement to read: "NRC Approval Requirement: This departure does not require NRC approval pursuant to 10 CFR Part 52, Appendix D, Section VIII.B.5." rather than ".....Section VIII.B.S"	Corrct typographical error.
Pt 10 - ***(empty)***					**20 COLA Changes**
5902	Pt 10		LC#02, 09.01-07	Revise Part 10, License Condition 2, COL Item No. 9.1-7, from: 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. To read: 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. The program also includes test to monitor changes in physical properties of the absorber material, including neutron attenuation and thickness measurements.	SUPERSEDED by Qb 6374 - RAI LTR 165 (& Supp 1) in response to RAI 09.01.02-001 item 1
6374	Pt 10		LC#02, 09.01-07	Revise Part 10, License Condition 2, COL Item No. 9.1-7, To read: A spent fuel rack Metamic coupon monitoring program will be implemented when the plant is placed into commercial operation. This program will include tests to monitor bubbling, blistering, cracking, or flaking; and a test to monitor for corrosion, such as weight loss measurements and/or visual examination. The program will also include testing to monitor changes in physical properties of the absorber material, including neutron attenuation and thickness measurements.	Editorial revision to RAI LTR 165 (& Supp 1) in response to RAI 09.01.02-001 item 1
5102	Pt 10		LC#02, 14.04-03	Change the DCD Tier 2 Subsection referenced from "14.4-3" to "14.4.3"	Editorial.
5780	Pt 10		LC#02, 14.04-03	3. COLA Part 10 will be revised To read: COL Item No. — Subject — From DCD Tier 2 Subsection — Implementation Milestone 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 FSAR Section 14.2, is provided prior to initiating the plant initial test program.	RAI LTR 139 response to RAI 14.02-012, item 3 SER with Open Items Confirmatory Item 14.2-1
5781	Pt 10		LC#02, 19.59.10-01	3. COLA Part 10, License Conditions and ITAAC, BLN Proposed License Condition 2, COL Holder Items, first paragraph, will be revised to read: 19.59.10-1 — As-Built SSC HCLPF Comparison to Seismic Margin Evaluation — 19.59.10.5 — Prior to initial fuel load The Combined License holder referencing the AP1000 certified design will review differences between the as-built plant and the design used as the basis for the AP1000 seismic margins analysis prior to fuel load. A verification walkdown will be performed with the purpose of identifying differences between the as-built plant and the design. Any differences will be evaluated and the seismic margins analysis modified as necessary to account for the plant specific-design, and any design changes or departures from the certified design. Spacial interactions are addressed by COL information item 3.7-3. Details of the process will be developed by the Combined License holder.	SUPERSEDED by REVISED wording per Qb 6047 - BLN RAI LTR 152 response to RAI 19-20 item 3 SER with Open Items Confirmatory Item 19.59-1
6047	Pt 10		LC#02, 19.59.10-01	COLA Part 10, License Conditions and ITAAC, BLN Proposed License Condition 2, COL Holder Item 19.59.10-01, first paragraph, will be revised from: Any differences will be evaluated and the seismic margins analysis modified as necessary to account for the plant specific-design, and any design changes or departures from the certified design. To read: Any differences will be evaluated and the seismic margins analysis modified as necessary to account for the plant-specific design	Editorial revision to Qb 5781 - BLN RAI LTR 152 response to RAI 19-20 item 3 SER with Open Items Confirmatory Item 19.59-1

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				and any design changes or departures from the certified design.	
5782	Pt 10		LC#02, 19.59.10-02	4. COLA Part 10, License Conditions and ITAAC, BLN Proposed License Condition 2, COL Holder Items, will be revised to read: 19.59.10-2 Evaluation of As-Built Plant Versus Design in AP1000 PRA and Site-Specific PRA External Events 19.59.10.5 Prior to initial fuel load The Combined License holder referencing the AP1000 certified design will review differences between the as-built plant and the design used as the basis for the AP1000 PRA and Table 19.59-18 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 the plant specific-design and, any design changes or departures from the design certification PRA.	SUPERSEDED by REVISED wording per Qb 6047 - BLN RAI LTR 152 response to RAI 19-20 item 4 SER with Open Items Confirmatory Item 19.59-1
6049	Pt 10		LC#02, 19.59.10-02	COLA Part 10, License Conditions and ITAAC, BLN Proposed License Condition 2, COL Holder Item 19.59.10-02, will be revised from: The plant specific PRA-based insight differences will be evaluated and the plant specific PRA model modified as necessary to account for the plant specific-design and, any design changes or departures from the design certification PRA. To read: The plant-specific PRA-based insight differences will be evaluated and the plant-specific PRA model modified as necessary to account for the plant-specific design and any design changes or departures from the design certification PRA.	Editorial revision to Qb 5782 - BLN RAI LTR 152 response to RAI 19-20 item 4 SER with Open Items Confirmatory Item 19.59-1
5783	Pt 10		LC#02, 19.59.10-03	5. COLA Part 10, License Conditions and ITAAC, BLN Proposed License Condition 2, COL Holder Items, will be revised to read: 19.59.10-3 Internal Fire and Internal Flood Analyses 19.59.10.5 Prior to initial fuel load The Combined License holder referencing the AP1000 certified design will review differences between the as-built plant and the design used as the basis for the AP1000 internal fire and internal flood analyses prior to fuel load. Plant specific internal fire and internal flood analyses will be evaluated and the analyses modified as necessary to account for the plant-specific design, and any design changes or departures from the certified design	BLN RAI LTR 152 response to RAI 19-20 item 5 SER with Open Items Confirmatory Item 19.59-1
6087	Pt 10		LC#02, 19.59.10-03	COLA Part 10, License Conditions and ITAAC, Proposed License Condition 2, COL Holder Item 19.59.10-3 will be revised from: Plant specific internal fire and internal flood analyses will be evaluated and the analyses modified as necessary to account for the plant-specific design, and any design changes or departures from the certified design To read: Plant-specific internal fire and internal flood analyses will be evaluated and the analyses modified as necessary to account for the plant-specific design and any design changes or departures from the certified design.	Editorial revision to BLN RAI LTR 152 response to RAI 19-20 item 5 SER with Open Items Confirmatory Item 19.59-1
5784	Pt 10		LC#02, 19.59.10-04	2. COLA Part 10, License Conditions and ITAAC, BLN Proposed License Condition 2, Col Holder Items, will be revised to read: 19.59.10-4 Implement Severe Accident Management Guidance 19.59.10.5 Prior to startup testing	BLN RAI LTR 152 response to RAI 19-21 item 2 SER with Open Items Confirmatory Item 19.59-2
5060	Pt 10		LC#02, 19.59.10-05	Insert "Tables" as shown below. Revise first sentence of Proposed License Condition 2, COL Holder Item 19.59.10-5 – page LC-5, from: "The Combined License holder referencing the AP1000 certified design will perform a thermal lag assessment of the as-built equipment listed in 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." 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."	incomplete incorporation from COLA Change item 3442 due to WEC DCD Rev 17 conforming change
5785	Pt 10		LC#03	COLA Part 10, Proposed License Conditions (Including ITAAC), Proposed License Condition 3, introductory statement, will be revised To read: The licensee shall implement the programs or portions of programs identified below on or before the associated milestones identified below.	Editorial revision to remove references to FSAR in proposed License Condition.
5315	Pt 10		LC#03 C	5. COLA Part 10, Proposed License Condition 3, Operational Program Implementation, will be revised to add the following new milestones: C.2 – Fire Protection Program (applicable portions) C.3 – Non Licensed Plant Staff Training Program (applicable portions) C.4 – Emergency Planning (applicable portions) C.5 – Security Program (applicable portions)	COL-SER-OI-Ch01 response to OI 01.05-01 item 5
5786	Pt 10		LC#03 G	COLA Part 10, Proposed License Conditions (Including ITAAC), Proposed License Condition 3, will be revised from:	Add Cyber Security Program and editorial

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				G.8 - Containment Leakage Rate Testing Program To read: G.8 - Containment Leakage Rate Testing G.9 - Physical Security G.10 - Cyber Security	
5243	Pt 10		LC#06	COLA Part 10, proposed License Condition 6, will be revised to read: 6. OPERATIONAL PROGRAM READINESS: The NRC inspection of operational programs will be the subject of the following license condition in accordance with SECY-05-0197. PROPOSED LICENSE CONDITION: The licensee shall submit to the appropriate Director of the NRC, a schedule, no later than 12 months after issuance of the COL, that supports planning for and conduct of NRC inspections of operational programs listed in the operational program FSAR Table 13.4-201. The schedule shall be updated every 6 months until 12 months before scheduled fuel loading, and every month thereafter until either the operational programs in the FSAR table have been fully implemented or the plant has been placed in commercial service, whichever comes first. This schedule shall include a submittal schedule for: a. the emergency planning implementation procedures to the NRC consistent with 10 CFR Part 50, Appendix E, Section V. b. the implementation of site specific Severe Accident Management Guidance. c. a reactor vessel pressurized thermal shock evaluation at least 18 months prior to initial fuel load. d. approved preoperational and startup test procedures in accordance with FSAR Subsection 14.2.3. e. an emergency response data system (ERDS) implementation program plan consistent with 10 CFR Part 50, Appendix E, Section V. f. a flow accelerated corrosion (FAC) program implementation schedule, including the construction phase activities.	COL-SER-OI-Ch10 response to OI 10.01-01
6387	Pt 10		LC#06	COLA Part 10, proposed License Condition 6, will be revised from: This schedule shall include a submittal schedule for: a. the emergency planning implementation procedures to the NRC consistent with 10 CFR Part 50, Appendix E, Section V. b. the implementation of site specific Severe Accident Management Guidance. c. a reactor vessel pressurized thermal shock evaluation at least 18 months prior to initial fuel load. d. approved preoperational and startup test procedures in accordance with FSAR Subsection 14.2.3. e. an emergency response data system (ERDS) implementation program plan consistent with 10 CFR Part 50, Appendix E, Section V. f. a flow accelerated corrosion (FAC) program implementation schedule, including the construction phase activities. To read: This schedule shall address: a. the implementation of site specific Severe Accident Management Guidance. b. the reactor vessel pressurized thermal shock evaluation at least 18 months prior to initial fuel load. c. the approved preoperational and startup test procedures in accordance with FSAR Subsection 14.2.3. d. the flow accelerated corrosion (FAC) program implementation, including the construction phase activities.	Remove duplication of Emergency Planning ITAAC table items 3.2 and 9.1. This entry revises Qb 5243.
5787	Pt 10		LC#AppB PlSp	4. COLA Part 10, Appendix B, is revised to include the following new site-specific ITAAC from: Add the following information to the information provided in the referenced DCD Tier 1 following Section 2.6.11: 2.6.12 Transmission Switchyard and Offsite Power System No entry for this system. To read: Add the following information to the information provided in the referenced DCD Tier 1 following Section 2.6.11: 2.6.12 Transmission Switchyard and Offsite Power System Inspection, Test, Analysis and Acceptance Criteria Table 2.6.12-1 provides a definition of the inspections, tests, and/or analyses, together with associated acceptance criteria for the offsite power system. Table 2.6.12-1 Offsite Power System [For table information see supplemental response to RAI LTR 027 - include Table 2.6.12-1 after Table 2.6.9-1.]	BLN RAI LTR 027 S1 response to RAI 14.03-001 item 4 SER with Open Items Confirmatory Item 8.2A-1 SER with Open Items Confirmatory Item 14.3-1
5876	Pt 10		LC#AppB- EmPl	COLA Part 10, Appendix B, is revised from: "The emergency planning ITAAC included in Annex V2 of Part 5, Emergency Planning, of the referenced ESPA is incorporated by	Final ITAAC have been incorporated into the ESP - proposed ITAAC are no longer

Change ID#	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
				reference." To read: "The emergency planning ITAAC included in the Early Site Permit ESP-004, Appendix E, are incorporated by reference."	applicable and need to be excepted from the IBR. Per 52.24(b) "Any terms or conditions of the early site permit that could not be met by the time of issuance of the construction permit or combined license, must be set forth as terms or conditions of the construction permit or combined license."
5923	Pt 10		LC#AppB- EmPl	Add the following text to Part 5 of the COL application, Appendix B, Emergency Planning ITAAC: "Add the following emergency planning acceptance criteria to item 5.0, Emergency Facilities and Equipment of the emergency planning ITAAC included in Appendix E of Early Site Permit ESP-004: '5.1.8 Controls and displays exist in the TSC to control and monitor the status of the TSC ventilation system including heating and cooling, and the activation of the HEPA and charcoal filter system upon detection of high radiation in the TSC.'"	Commitment made in SNC letter ND-09-1027, dated June 26, 2009 and decision to IBR EP ITAAC via the ESP vice EP Annex V2.