PMSummerColpEM Resource

From: Wentzel, Michael
Sent: Tuesday, June 29, 2010 12:46 PM
To: Joshi, Ravindra; eddie.grant@excelservices.com; agaughtm@southernco.com; Sebrosky, Joseph; 'MONROE, AMY'
Cc: VogtleCOL Resource; PMSummerColpEM Resource
Subject: agenda for 3:00 pm call
Attachments: VEGP COLA Roadmap Next 20100624 DCD.PDF

Immediately below is the agenda for the 3:00 pm phone call this afternoon. Please note that below today's agenda is a draft agenda for Thursday's 7:00 am phone call. This is being sent now to facilitate a more informed discussion on Thursday.

Thanks,
Mike

Purpose: To discuss DCD post revision 17 changes that affect the Vogtle and Summer Chapter 2 SERs

Outcome: Path forward identified for addressing post DCD revision 17 changes in the Chapter 2 COL applications and SERs

I. Near term challenges for issuing chapter 2 of the Vogtle and Summer SERs
   a. Attached VEGP roadmap includes changes to chapter 2 of the COL applications as a result of changes to chapter 2 of the DCD
      i. Staff plans to evaluate the DCD chapter 2 changes in the attached roadmap in Chapter 2 of the AP1000 SER
   b. In addition, waterproof membrane COL information identified
   c. Staff would like the Vogtle and Summer SERs to be consistent with AP1000 SER and include an evaluation of Chapter 2 changes identified in the attached roadmap and the waterproof membrane.
      i. To do this the staff believes it needs a letter from the applicants committing to making the conforming changes to the COL application
      ii. Issues identified in the proposed applicant letter will be considered confirmatory items
   d. Decision made on how to proceed to address chapter 2 issues

>>Draft agenda for July 1, 2010 Phone Call<<

iii. Attached VEGP COLA roadmap includes changes to several sections of the application
iv. Recent DCP changes have the potential to affect COL information that needs to be provided

III. Issue – Consistent treatment of Post DCD Revision 17 changes in the AP1000 and COL SERs

a. For the AP1000 SER the post DCD revision 17 changes will be evaluated in one of the following three ways:
    i. Considered an editorial change evaluated in chapter 1 of the DCD SER
    ii. Evaluated in the respective SER chapter
    iii. Late DCPs evaluated in chapter 23 of the AP1000 SER

b. Treatment of post DCD revision 17 changes in the AP1000 SER that affect COL information will drive how these issues will be addressed in the COL SERs
    i. Doubtful that editorial changes will result in change to COL information item (to be discussed on a case-by-case basis)
    ii. Changes that are evaluated in the respective DCD SER chapters that affect COL information will normally result in the staff wishing to evaluate the new COL information in the respective COL SER chapter
    iii. Late DCPs evaluated in chapter 23 of the AP1000 SER will normally be discussed in a new chapter 20 for the COLs

IV. Long term challenges

a. Obtaining a complete list of post DCD revision 17 changes that affect COL information items
    i. New COL information that the staff has not previously reviewed is a schedule risk
    ii. The staff needs to understand the list of issues as soon as possible so plans for evaluating the material can be developed.
b. How will Revision 3 to the Vogtle and Summer application address these changes since the COL applications will be revised prior to the DCD application?
    i. Follow a model loosely based on initial applications that incorporated DCD revision 16 as supplemented by Westinghouse technical report
c. Decision made on how to proceed to address long term challenges

V. Wrapup

Hearing Identifier: VCSummer_COL_Public
Email Number: 309

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Subject: agenda for 3:00 pm call
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From: Wentzel, Michael

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VEGP COLA Roadmap Next 20100624 DCD.PDF		1373047

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
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NuStart's COLA Tracking Management (CTM) : COLA Changes | SNC VEGP COLA Roadmap of Amendment NEXT JUN-25-2010 6:42 AM

SNC VEGP COLA Roadmap of Amendment NEXT

COLA REP contains VEGP AND ...

Change ID#	Standard	Status	COLA Part A	Chapter A	Section / Page A	Change Summary	Basis for Change
Pt 02 - FSAR 01							**9 COLA Changes**
7019	✔	Awaiting Incorporation	Pt 02	FSAR 01	01.08.T / T1.8-202 03.09-07	1. COLA Part 2, FSAR Chapter 1, Section 1.8, Table 1.8-201, will be revised to include the following new item: 3.9-7 As-Designed Piping Analysis 3.9.8.7 3.9.8.7 H	SUPERSEDED by Qb 7068 DCD Rev 18 COL-SER-OI-Ch03 S4 response to OI 03.06-001 item 1 (SNC Ltr ND-10-0585)
7068	✔	Awaiting Incorporation	Pt 02	FSAR 01	01.08.T / T1.8-202 03.09-07	1. COLA Part 2, FSAR Chapter 1, Section 1.8, Table 1.8-202, will be revised to include the following new item: 3.9-7 As-Designed Piping Analysis 3.9.8.7 3.9.8.7 H	DCD Rev 18 COL-SER-OI-Ch03 S6 response to OI 03.06-001 item 1 SNC Letter ND-10-0801
6973	✔	Awaiting Incorporation	Pt 02	FSAR 01	01.08.T / T1.8-202 11.5-1,2,3	Revise COLA Part 2, FSAR Chapter 1, Section 1.8, Table 1.8-202, items 11.5-1, 11.5-2, and 11.5-3 to renumber each DCD and FSAR reference from: 11.5.7 To read: 11.5.8	DCD Rev 18, Based on WEC letter DCP/NRC2492 dated 20090522
7249	✔	Awaiting Incorporation	Pt 02	FSAR 01	01.08.T / T1.8-202 15.0-1	1. COLA Part 2, FSAR Chapter 1, Section 1.8, Table 1.8-202, will be revised to include a new line item for COL item 15.0-1 as follows: 15.0-1 Documentation of Plant Calorimetric Uncertainty Methodology 15.0.15 15.0.15.1 H	COL-SER-OI-Ch15 S1 response to OI 15.00-01 item 1 SNC Ltr ND-10-1018 DCD Rev 18, Based on WEC letter DCP/NRC2461 dated 20090506
7049		Awaiting Incorporation	Pt 02	FSAR 01	01.08.T / T1.8-205 09.08	VEGP COLA Part 2, FSAR Table 1.8-205, will be revised (following the associated revision to the DCD) to add the following new Item No. 9.8: Item No. Interface / Interface Type / Matching Interface Item / Section or Subsection(1) 9.8 Requirements for location and size of waste water retention basins and associated plant outfall NNS Site implementation 9.2.9	DCD Rev 18 VEGP RAI LTR 050 response to RAI 09.03.03-001 item 1 (SNC Ltr ND-10-0765)

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6974	✔	Awaiting Incorporation	Pt 02	FSAR 01	01.09.T / T1.9-201 1.052	COLA Part 2, FSAR Chapter 1, Section 1.9, Table 1.9-201, will be revised to add new item for RG 1.52 to read: 1.52 Design, Inspection and Testing Criteria for Air Filtration and Adsorption Units of Post-Accident Engineered-Safety-Feature Atmosphere Cleanup Systems in Light-Water-Cooled Nuclear Power Plants (Rev. 3, June 2001) 16 (TS 3.7.6)	DCD Rev 18, Based on WEC letter DCP/NRC2457 dated 20090504
7092	✔	Awaiting Incorporation	Pt 02	FSAR 01	01.09.T / T1.9-201 1.135	Revise COLA Part 2, Chapter 1, Section 1.9, Table 1.9-201, for Regulatory Guide 1.135, from a listing in the FSAR Chapter, Section, or Subsection column of: Not referenced; see Appendix 1AA To read: DCD discussion only; see DCD Table 1.9-1	RG is referenced in DCD but not in COLA
6975	✔	Awaiting Incorporation	Pt 02	FSAR 01	01AA 1.052	COLA Part 2, FSAR Chapter 1, Appendix 1AA, will be revised to add new item for RG 1.52 to read: Regulatory Guide 1.52, Rev. 3, 6/01 - Design, Inspection and Testing Criteria for Air Filtration and Adsorption Units of Post-Accident Engineered-Safety-Feature Atmosphere Cleanup Systems in Light-Water-Cooled Nuclear Power Plants Conformance with the design and operational aspects is as stated in the DCD.	DCD Rev 18, Based on WEC letter DCP/NRC2457 dated 20090504
6976	✔	Awaiting Incorporation	Pt 02	FSAR 01	01AA 1.084	COLA Part 2, FSAR Chapter 1, Appendix 1AA, RG 1.84, will be revised from: Conformance with Revision 31 of the Regulatory Guide is as stated in the DCD. To read: Conformance with Revision 32 of the Regulatory Guide is as stated in the DCD.	DCD Rev 18, Based on WEC letter DCP/NRC2533 dated 20090617
Pt 02 - FSAR 02							**8 COLA Changes**
6953	✔	Awaiting Incorporation	Pt 02	FSAR 02	02.00.T / T2.0-201 Sh2	COLA Part 2, FSAR Table 2.0-201, Sheet 2, Seismic, first column, to be revised from "SSE" to "CSDRS" Beginning of second column - AP1000 DCD Site Parameter - to be revised from: SSE free field peak ground acceleration of 0.30 g with modified Regulatory Guide 1.60 response spectra (See Figures 5.0-1 and 5.0-2.). Seismic input is defined... To read: CSDRS free field peak ground acceleration of 0.30 g with modified Regulatory Guide 1.60 response spectra (See Figures 5.0-1 and 5.0-2.). The SSE is now referred to as CSDRS. Seismic input is defined...	DCD Rev 18, Based on WEC letter DCP/NRC2668 dated 20091020
7229	✔	Awaiting Incorporation	Pt 02	FSAR 02	02.00.T / T2.0-201 Sh2	COLA Part 2, FSAR Table 2.0-201, Sheet 2, Seismic, second paragraph under SSE (now CSDRS), to be revised to selectively replace GMRS with "envelope response spectra" to read: "The hard rock high frequency (HRHF) envelope response spectra are shown in Figure 5.0-3 and Figure 5.0-4 defined at the foundation level for 5% damping. The HRHF envelope response spectra provide an alternative set of spectra for evaluation of site specific GMRS. A site is acceptable if its site specific GMRS fall within the AP1000 HRHF envelope response spectra. Evaluation of a site for application of the HRHF envelope response spectra includes consideration of the limitation on shear wave velocity identified for use of the HRHF envelope response spectra. This limitation is defined by a shear wave velocity at the bottom of the basemat equal to or higher than 7,500 fps, while maintaining a	DCD Rev 18, Based on WEC letter DCP/NRC2897 dated 20100528

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						shear wave velocity equal to or above 8,000 fps at the lower depths."	
7230	✔	Awaiting Incorporation	Pt 02	FSAR 02	02.00.T / T2.0-201 Sh2	COLA Part 2, FSAR Table 2.0-201, Sheet 2, Seismic, Fault Displacement Potential AP1000 DCD Site Parameter column entry to be revised from "Negligible" to read "No potential fault displacement considered beneath the seismic Category I and seismic Category II structures and immediate surrounding area. The immediate surrounding area includes the effective soil supporting media associated with the seismic Category I and seismic Category II structures."	DCD Rev 18, Based on WEC letter DCP/NRC2897 dated 20100528
7232	✔	Awaiting Incorporation	Pt 02	FSAR 02	02.00.T / T2.0-201 Sh3	COLA Part 2, FSAR Table 2.0-201, Sheet 3, Soil, second parameter, to be revised from: "Maximum Allowable Dynamic Bearing Capacity for Normal Plus Safe Shutdown Earthquake SSE)" To read: "Dynamic Bearing Capacity for Normal Plus Safe Shutdown Earthquake SSE)"	DCD Rev 18, Based on WEC letter DCP/NRC2897 dated 20100528
6954	✔	Awaiting Incorporation	Pt 02	FSAR 02	02.00.T / T2.0-201 Sh5	COLA Part 2, FSAR Table 2.0-201, Sheet 5, Soil - Minimum Soil Angle of Internal Friction, second column, to be revised from: Greater than or equal to 35 degrees below the footprint of nuclear island at its excavation depth. To read: Minimum soil angle of internal friction is greater than or equal to 35 degrees below the footprint of nuclear island at its excavation depth. If the minimum soil angle of internal friction is below 35 degrees, a site specific analysis shall be performed using the site specific soil properties to demonstrate stability.	DCD Rev 18, Based on WEC letter DCP/NRC2632 dated 20090922 and WEC letter DCP/NRC2878 dated 20100514
7233	✔	Awaiting Incorporation	Pt 02	FSAR 02	02.00.T / T2.0-201 Sh5	COLA Part 2, FSAR Table 2.0-201, Sheet 5, Soil, Liquefaction Potential AP1000 DCD Site Parameter column entry to be revised from "Negligible" to read "No liquefaction considered beneath the the seismic Category I and seismic Category II structures and immediate surrounding area. The immediate surrounding area includes the effective soil supporting media associated with the seismic Category I and seismic Category II structures."	DCD Rev 18, Based on WEC letter DCP/NRC2897 dated 20100528
7234		Awaiting Incorporation	Pt 02	FSAR 02	02.00.T / T2.0-201 Sh5	COLA Part 2, FSAR Table 2.0-201, Sheet 2, Soil, Liquefaction Potential VEGP Site Characteristic column entry to be revised from "None" to read "None at the site-specific SSE."	DCD Rev 18, Based on WEC letter DCP/NRC2897 dated 20100528 and VEGP ESPA
7297	✔	Identified	Pt 02	FSAR 02	02.00.T / T2.0-202 Sh1&2	Revise COLA Part 2, FSAR Chapter 2, Table 2.0-202 Sheets 1 & 2: On Sheet 1, remove note (h) from the header "Ground Level Containment Release Points" On Sheet 2, remove note: (h) The LOCA dose analysis models the ground level containment release point HVAC intake atmospheric dispersion factors. Other analyses model more conservative values.	Consistency with DCD site parameter tables.
Pt 02 - FSAR 03							**2 COLA Changes**
6978	✔	Awaiting Incorporation	Pt 02	FSAR 03	03.07.04.04	COLA Part 2, Chapter 3, Section 3.7.4.4 will be revised to add the following text to the end of the existing FSAR Subsection 3.7.4.4. In the event that the level of earthquake ground motion is sufficient to require plant shutdown Technical Specification Surveillance Requirement 3.1.4.3 is performed prior to returning the reactor to criticality.	SUPERSEDED by WEC letter DCP/NRC2888 dated 20100521 - no change. DCD Rev 18, Based on WEC letter DCP/NRC2862 dated 20100430
7290	✔	Awaiting Incorporation	Pt 02	FSAR 03	03.07.04.04	COLA Part 2, Chapter 3, Section 3.7.4.4 will be revised to add the following text to the end of the existing FSAR Subsection 3.7.4.4.	DCD Rev 18, Based on WEC letters

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						In addition, the procedures address measurement of the post-seismic event gaps between the new fuel rack and walls of the new fuel storage pit, between the individual spent fuel racks, and from the spent fuel racks to the spent fuel pool walls, and provide for appropriate corrective actions to be taken if needed (such as repositioning the racks or analysis of the as-found condition).	DCP/NRC2609 dated 20090831
Pt 02 - FSAR 09							**2 COLA Changes**
7050		Awaiting Incorporation	Pt 02	FSAR 09	09.02.09	VEGP COLA Part 2, FSAR Table 1.8-205, will be revised (following the associated revision to the DCD) to add the following new Item No. 9.8: VEGP COLA Part 2, FSAR Subsection 9.2.9, will be revised as shown in Attachment 1. Attachment 1 to RAI 09.03.03-1 Response: VEGP COLA Part 2, FSAR Subsection 9.2.9 will be revised as follows: 9.2.9 WASTE WATER SYSTEM 9.2.9.2.1 General Description Add the following sentence to the fourth paragraph of DCD Subsection 9.2.9.2.1. The wastewater retention basin transfer pumps discharge the basin effluent to the blowdown sump which then mixes with the high volume waste stream (circulating water system cooling tower blowdown) prior to discharge to the Savannah River via the outfall piping. Design and routing of the condenser waterbox drains is addressed in Subsection 10.4.5.2.2. 9.2.9.2.2 Component Description Replace the paragraph in the Waste Water Retention Basin portion of DCD Subsection 9.2.9.2.2 with the following text. The waste water retention basin is a lined basin with two compartments and is constructed such that its contents, dissolved or suspended, do not penetrate the liner and leach into the ground. Either of these compartments can receive waste streams for holdup, or if required, for treatment to meet specific environmental discharge requirements. The configuration and size of the wastewater retention basin allows settling of solids larger than 10 microns. Wastewater can be sampled prior to discharge from the wastewater retention basin. The wastewater retention basins are located northwest of each power block. Add the following paragraphs at the end of DCD Subsection 9.2.9.2.2. Basin Transfer Pumps Two 100% capacity submersible-type pumps send waste water from the retention basin to the blowdown sump. Each pump is sized to meet the maximum expected influent flow to prevent overflow of	DCD Rev 18 VEGP RAI LTR 050 response to RAI 09.03.03-001 item 2 (SNC Ltr ND-10-0765)

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						the basin. In the event of oily waste leakage into the retention basin, a recirculation line is provided to recycle the oil/water waste from the basin to the oil separator. In the event of radioactive contamination, this same line can be used to send the contents of the basin to the liquid radioactive waste system (WLS). Controls are provided for automatic or manual operation of the pumps based on the level of the retention basin. Blowdown Sump A blowdown sump common to both Units 3 and 4 receives input from the wastewater retention basins and the circulating water system (CWS) cooling tower blowdown. The blowdown sump is located to the northeast of Units 3 and 4, outside of the protected area. A connection with the river water subsystem of the raw water system provides an alternate dilution source to the blowdown sump. These inputs are mixed with a dechlorination chemical, as needed, to produce an effluent that meets the NPDES permit requirements. This effluent then flows from the blowdown sump to the outfall structure, and then finally to the river. Plant Outfall The plant outfall is the final discharge point for Units 3 and 4. The outfall pipe is sized to drain, via gravity, the maximum expected flow from the blowdown sump. Effluent from the blowdown sump mixes with a small waste stream from the liquid radioactive waste system monitor tanks and is discharged eastward to the Savannah River. Dilution water from the raw water system may be supplied to the blowdown sump for radioactive waste discharges when the circulating water cooling tower blowdown is not available. To prevent radioactive contamination of the blowdown sump, the location of the tie-in between the liquid radwaste and the outfall is downstream and below the bottom elevation of the blowdown sump. The liquid radwaste is monitored for radiation and is addressed in detail in DCD Section 11.2; the applicable radiation monitor is addressed in detail in DCD Subsection 11.5.2.3.3.	
7051		Awaiting Incorporation	Pt 02	FSAR 09	09.02.09.05	VEGP COLA Part 2, FSAR Subsection 9.2.9, will be revised as shown in Attachment 1. Attachment 1 to RAI 09.03.03-1 Response: VEGP COLA Part 2, FSAR Subsection 9.2.9.05 will be revised as follows: 9.2.9.5 Instrumentation Applications Add the following at the end of the first paragraph of DCD Subsection 9.2.9.5. Level instrumentation is provided at the waste water retention basin and is used to control operation of the basin transfer pumps. High level alarms indicate the basin level where operator action is required.	DCD Rev 18 VEGP RAI LTR 050 response to RAI 09.03.03-001 item 3 (SNC Ltr ND-10-0765)
Pt 02 - FSAR 11							**1 COLA Change**
6959	✔	Awaiting Incorporation	Pt 02	FSAR 11	11.05.07	Revise COLA Part 2, FSAR Chapter 11, Subsections 11.5.7 and 11.5.8 to be renumbered from: 11.5.7 Combined License Information, and 11.5.8 References To read: 11.5.8 Combined License Information, and 11.5.9 References. Also, in the lead-in statement to introduces the COLA FSAR References section, revise the statement from: "Add the following subsection after DCD Subsection 11.5.7" to read "Add the following subsection after DCD Subsection 11.5.8"	DCD Rev 18, Based on WEC letter DCP/NRC2492 dated 20090522
Pt 02 - FSAR 13							**1 COLA Change**

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6956	✔	Awaiting Incorporation	Pt 02	FSAR 13	13.06.01	COLA Part 2, FSAR Subsection 13.6.1, to be revised to add the following sentence to the end of the current STD COL 13.6-1 text: Site-specific security ITAAC are addressed in Subsection 14.3.2.3.2 and as proposed License Conditions (see Part 10).	DCD Rev 18, Based on WEC letter DCP/NRC2719 dated 20091216
Pt 02 - FSAR 15							**1 COLA Change**
7250	✔	Awaiting Incorporation	Pt 02	FSAR 15	15.00	2. COLA Part 2, FSAR Chapter 15, Section 15.0, will be revised from: This section of the referenced DCD is incorporated by reference with no departures or supplements. To read (new sections will include LMA of STO COL 15.0-1): This section of the referenced DCD is incorporated by reference with the following departures and/or supplements. ---------- 15.0.3.2 Initial Conditions ---------- Add the following paragraph at the end of DCD Subsection 15.0.3.2. The actual selected plant operating instrumentation has documented instrumentation uncertainties to calculate a primary power calorimetric uncertainty that confirms the uncertainty assumed for the initial reactor power in the safety analysis bounds the calculated calorimetric values. ---------- 15.0.15 Combined License Information ---------- Add the following text to the end of OCD Subsection 15.0.15.1. This COL item is addressed in FSAR Subsection 15.0.3.2. ----------	COL-SER-OI-Ch15 response via ND-10-1018, DCD Rev 18, Based on WEC letter DCP/NRC2461 dated 20090506
Pt 04 - *(empty)*							**2 COLA Changes**
7256	✔	On-Hold	Pt 04		B, B02.01.02	Revise header for Bases of TS 2.1.2 from "Reactor Core SLs" to read "RCS Pressure SL".	Consistency with DCD
5091		On-Hold	Pt 04		B, B03.03.02 / B3.3.2-63	For SR 3.3.2.5 change "every 9 days" to read "every 92 days" to correct a typographical error created during COLA Revision 1.	DCD Rev 17 conformance
Pt 07 - *(empty)*							**1 COLA Change**
7235		On-Hold	Pt 07		VEGP DEP 18.8-1	COLA Part 7, VEGP DEP 18.8-1 updated to reflect change from DCD Tier 2* to Tier 2, includes the following revisions. a) page 1- add to Section A.1 table listing Departures That Can Be Implemented Without Prior NRC Approval VEGP DEP 18.8-1 Emergency Response Facility Locations b) page 6- remove from Section A.2 table listing Departures That Require NRC Approval Prior to Implementation VEGP DEP 18.8-1 Emergency Response Facility Locations c) page 6- Move section A.2 to new page following Departure Number: VEGP DEP 18.8-1 entry d) page 7- under Departure Justification, add new sentence (as new 4th sentence) from current Departure Evaluation Section II, to read "...Emergency Plan. The details regarding the proposed TSC location and features are provided in ESPA Part 5 (Emergency Plan). The referenced DCD also states..."	DCD Rev 18, Based on WEC letter DCP/NRC2754 dated 20100127

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						e) page 7- under Departure Justification Section I, add TSC information to read: "Relocation of the OSC and TSC This Tier 2 departure is for a non safety-related system, and the alternate locations of the OSC and TSC meet applicable requirements. Relocating the OSC and TSC does not adversely affect their functions and, therefore, this departure does not:..." f) page 8- Delete Departure Justification Section II related to Relocation of the TSC.	
Pt 09 - *(empty)*							**5 COLA Changes**
7224	✔	Awaiting Incorporation	Pt 09		02- 01.02.F / F1.2-201	Revise COLA Part 9, FSAR Chapter 1, Section 1.2, Figure 1.2-201, per updated DCD Figure 1.2-18. Remove reference to OSC to make it plant-specific.	DCD Rev 18, CN 238 (WEC Letter DCP/NRC????) and CN 302 (WEC Letter DCP/NRC2863, item 59)
7225	✔	Awaiting Incorporation	Pt 09		02- 09A.F / F9A-201	Revise COLA Part 9, FSAR Chapter 9, Appendix 9A, Figure 9A-201, per updated DCD Figure 9A-3. Remove reference to OSC to make it plant-specific.	DCD Rev 18, CN 238 (WEC Letter DCP/NRC????) and CN 302 (WEC Letter DCP/NRC2863, item 59)
7226	✔	Awaiting Incorporation	Pt 09		02- 12.03.F / F12.3-201	Revise COLA Part 9, FSAR Chapter 12, Section 12.3, Figure 12.3-201, per updated DCD Figure 12.3-1, Sheet 11 of 16. Remove reference to OSC to make it plant-specific.	DCD Rev 18, CN 238 (WEC Letter DCP/NRC????) and CN 302 (WEC Letter DCP/NRC2863, item 59)
7227	✔	Awaiting Incorporation	Pt 09		02- 12.03.F / F12.3-202	Revise COLA Part 9, FSAR Chapter 12, Section 12.3, Figure 12.3-202, per updated DCD Figure 12.3-2, Sheet 11 of 15. Remove reference to OSC to make it plant-specific.	DCD Rev 18, CN 238 (WEC Letter DCP/NRC????) and CN 302 (WEC Letter DCP/NRC2863, item 59)
7228	✔	Awaiting Incorporation	Pt 09		02- 12.03.F / F12.3-203	Revise COLA Part 9, FSAR Chapter 12, Section 12.3, Figure 12.3-203, per updated DCD Figure 12.3-3, Sheet 11 of 16. Remove reference to OSC to make it plant-specific.	DCD Rev 18, CN 238 (WEC Letter DCP/NRC????) and CN 302 (WEC Letter DCP/NRC2863, item 59)
Pt 10 - *(empty)*							**1 COLA Change**
7251	✔	Awaiting Incorporation	Pt 10		LC#02, 15.00-1	3. COLA Part 10, Proposed License Conditions, LC#2, will be revised to include a new line item for COL item 15.0-1 as follows: 15.0-1 Documentation of Plant Calorimetric Uncertainty Methodology 15.0.15.1 Prior to initial fuel load	COL-SER-OI-Ch15 S1 response via ND-10-1018 - DCD Rev 18, Based on WEC letter

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						Confirm the plant operating instrumentation installed for feedwater flow measurement is a Caldon [Cameron] LEFM CheckPlus™ System.	DCP/NRC2461 dated 20090506
Pt 11 - *(empty)*							**1 COLA Change**
3468		Awaiting Incorporation	Pt 11		A- QAPD III.02	Update the position on RG 1.155 from: TVA shall implement quality requirements to SBO equipment in accordance with Regulatory Position 3.5, "Quality Assurance and Specific Guidance for SBO Equipment That Is Not Safety Related," and Appendix A, "Quality Assurance Guidance for Non-Safety Systems and Equipment," in Regulatory Guide 1.155, "Station Blackout." With the following: Regulatory Guide 1.155 is not applicable for the AP1000 design in accordance with certified design as shown in DCD Appendix 1A. Regulatory Guide 1.155 relates to the availability of safety related functions supported by AC power. Since AC power is not required to support the availability of safety-related functions, the guidance is not applicable.	Included in Qb 6624 - The BLN QAPD included the identified paragraph as standard content from NEI06-14. The template included this commitment to Reg Guide 1.155 in response to SRP 17.5.II.V.2.c. The BLN QAPD is unique to TVA for BLN Units 3 and 4 using the AP1000, a design for which the certified DCD indicates that RG 1.155 is "not applicable" to the AP1000 design.

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SUMMARY

COLA Part A	Chapter A	Number of COLA Changes
Pt 02	FSAR 01	9
Pt 02	FSAR 02	8
Pt 02	FSAR 03	2
Pt 02	FSAR 09	2
Pt 02	FSAR 11	1
Pt 02	FSAR 13	1
Pt 02	FSAR 15	1
Pt 04	*(empty)*	2
Pt 07	*(empty)*	1
Pt 09	*(empty)*	5
Pt 10	*(empty)*	1

Pt 11	*(empty)*	1
TOTALS (12 groups)		**34**

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