Calvert Cliffs Unit 3 Group A Chapters Open Item Closure Plan

Mark Finley, Mark Hunter, Robert Randall,
Paul Infanger

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Chapter 2 Open Items (OIs)

- 16 OIs Total for Chapter 2
- 11 of 16 OIs are in status “Response Acceptable,” “Resolved Closed” or “Confirmatory”
  - Confirmatory Items will be in CC3 COLA, Revision 10
  - No discussion required for items found acceptable or closed items
- 2 of 16 are in status “Unresolved – Closed” follow-up RAIs issued
  - No discussion required for these items
- 2 OF 16 OIs “In Evaluation”
  - RAI 403 (response submitted 12/12/13)
  - RAI 404 (response submitted 12/16/13)
- 1 of 16 OIs not responded
  - RAI 400, Hydrologic Engineering (scheduled for 4/30/2014)
  - Current plan is to withdraw the option for use of well water for UHS Make-up to eliminate the need for subsidence analysis

Chapter 5 Open Items

- All 3 OIs in status “Response Acceptable,” no open items remaining

Chapter 8 Open Items

- Two OIs Total
  - 1 OI in status “Response Acceptable”
  - 1 OI in status “In Evaluation”

- RAI 380 – Bulletin 2012-01, Design Vulnerability In Electric Power System (Byron Event)
  - Response submitted 11/20/2013
  - Need staff feedback

Chapter 10 Open Items

- 3 OIs Total
  - One OI Response acceptable
  - One OI Confirmatory (CC3 COLA Revision 10)
  - Draft RAI 416 Turbine Rotor Integrity
    - COL Item 10.2-6 response will be clarified to state that an analysis has been done to demonstrate that any defect in the root of the weld will not grow to critical size for the life of the rotor.

Chapter 13 Open Items

- 14 OIs Total
  - 5 of 14 OIs “Resolved Closed”
  - 1 of 14 OIs “Closed Unresolved” followup RAI Issued (RAI 408)
  - 8 of 14 OIs (RAI 408) not yet responded, scheduled for 4/30/14 and CC3 COLA Revision 10.

Chapter 13 Open Items

- RAI 408
  - 13.03-59: Letters of Certification will be included in response.
  - 13.03-60: Change to NEI 99-01 Revision 6 will eliminate deviations
  - 13.03-61: Information omitted will be included in our response
  - 13.03-62: Information omitted will be included in our response
  - 13.03-63: Technical Basis Manual for EAL's can not yet be developed since EALs are not yet defined. Reference will be removed.
  - 13.03-64: Asterisk will be removed from table
  - 13.03-65: Response will be that the Alternate facility will have off-site agency notification capability
  - 13.03-66: UniStar has updated the ETE to be consistent with Units 1&2, process for updating the Emergency Plan requires maintaining the ETEs consistent.

Chapter 17 Open Items

- 14 OIs Total
  - 4 of 14 “Response Acceptable”
  - 1 of 14 “Confirmatory” (CC3 COLA, Revision 10)
  - 4 of 14 “status “Closed – Unresolved” follow-up RAIs issued and responded to.
  - 5 of 14 OIs status “In Evaluation”
    - Need NRC Staff feedback

Other Issues Affecting Group A

- Reactor Coolant Storage Tank size and radionuclide change – DCD Chapter 12 issue (Group C chapter), impacts CC3 COLA Chapter 2.
- U.S. EPR FSAR, Revision 5, changes:
  - Table 2.0-1 changes
    - Dynamic Bearing Pressure demand increase requires COLA Departure – Submitted site–specific analysis in response to RAI 314 and RAI 315, July 31, 2013
    - Static Bearing Pressure demand decrease removes the need for COLA departure
    - Added Hurricane Wind speeds – no impact to Group A chapters
  - New or Revised COL Items
    - Added bearing pressure demand for NAB – addressed in response for RAI 314 and 315
    - COL Item 5.4-2 added to address PRA impact if nozzle dams are used during normal refueling outages – UniStar does not intend to use nozzle dams.

Other Issues Affecting Group A (cont.)

- U.S. EPR FSAR, Revision 6, changes:
  - 4 new or revised COL Items in Group A Chapters
    - COL 2.5-5 – staff request to change wording due to Regulatory Guide change related to surface deformation vs. capable surface fault)
    - COL Item 2.5-13 – change removing reference to 3.7.2.8, editorial
    - COL Items 8.2-1 and 8.2-9, COL Items addressed in response to RAI 380
  - Design changes and Condition Report Changes

Conclusions

- All confirmatory and closed OIs need to be included in CC3 COLA, Revision 10.
- 8 OIs have status “In Evaluation” NRC needs to advance to a resolved status or issue followup RAIs.
- 9 OIs have not been responded by UniStar. – Need to meet current dates and include in CC3 COLA, Revision 10.

Proposed Milestones

Milestone	RCOLA Date
Notify NRC re: chapter freeze for Chapters 2, 5, 8, 13, 17* and respond to RAIs	April 2014
Submit COLA FSAR Update	June 2014 (R10)
NRC issue Advanced SERs with no open items for Chapters 2, 5, 8, 13,17* and AIA	July 2014
ACRS subcommittee meetings on Chapters 2, 5, 8, 13,17* and AIA	August 2014

* - excluding FSAR Section 17.4, “Reliability Assurance Program”