

Startup Administrative Manual

ESBWR DCWG – NRC
Meeting
May 13, 2008

Startup Administrative Manual (SAM): Discussion Topics

- DCD RAI 14.2-81 S1
 - GEH planned response
- Utility approach to address new 14.2 COL item
 - NRC Guidance
 - Other source information
 - Content discussion
- Conclusions

DCD RAI 14.2-81 S1

- Revise ESBWR DCD COL Item 14.2-1-H to require the COL Applicant to provide the SAM
- The COL item in DCD Rev 4 requires the COL **Holder** to provide the SAM 60 days prior to the start of pre-op testing

DCD RAI 14.2-81 S1

- GEH Planned Response: Add a new COL item in DCD Rev 5 for the applicant to provide a description of the initial test program administration. This description includes a discussion and description of the process and organizational controls and requirements that are to be included in the SAM.
- Approach consistent with other “operational programs”
- The DCD Rev 4 COL Holder item, to provide the SAM 60 days prior to the scheduled start of the preoperational testing, would remain in DCD Rev 5 (but will change to 14.2-2-H).

Utility Approach to Addressing New 14.2 COL item

- NRC Guidance
 - SRP 14.2
 - RG 1.206, C.III.1.14.2
- Other Supporting Information
 - ABWR SAM LTR and associated RAIs
 - Utility startup experience
- SAM versus description of initial test program administration

Utility Approach to Addressing New 14.2 COL Item

- COLA description of initial test program administration
 - Provides requirements for detailed administrative procedure development which will be accomplished post-COL issuance
 - More detailed than DCD Section 14.2, but not procedure level information
 - Level of detail meets SRP and RG 1.206 guidance

Utility Approach to Addressing New 14.2 COL Item

- COLA description of initial test program administration (cont.)
 - Applicable codes and standards
 - Organization descriptions – pre-op and start-up
 - Generic enough to be used by R-COLA and S-COLAs
 - Qualifications of key personnel (ANSI/ANS 3.1)
 - Responsibilities of key personnel

Utility Approach to Addressing New 14.2 COL Item

- COLA description of initial test program administration (cont.)
 - Training
 - Prerequisite to testing
 - Scope
 - Test program schedules
 - Test plateaus
 - Test sequences

Utility Approach to Addressing New 14.2 COL Item

- COLA description of initial test program administration (cont.)
 - Conduct of testing
 - Description of administrative controls for procedures
 - Requirements for procedure adherence
 - Test procedure control
 - Content of test procedures
 - Process for preparation, review and approval of test procedures
 - Process for procedures revisions/test modifications

Utility Approach to Addressing New 14.2 COL Item

- COLA description of initial test program administration (cont.)
 - Test results, review and approval
 - Joint Test Group review
 - Safety Review Committee review and approval
 - Process for addressing outstanding test exceptions
 - Test plateau prerequisites
 - Readiness review
 - Final start-up report

Utility Approach to Addressing New 14.2 COL Item

- COLA description of initial test program administration (cont.)
 - Type of information not included in the program description
 - Administrative procedures
 - Initial Test Program forms

Conclusion

- Description of initial test program administration meets SRP and RG 1.206 guidance
- Description provides requirements for detailed procedure development
- Detailed procedure level information to be provided in SAM 60 days before beginning of pre-op test program

Questions?

