

ESBWR DCWG Meeting

May 22, 2008

Inservice Testing Program Description

IST Program Description

- Objectives of Meeting
 - Brief review of NRC & DCWG interactions and discussions
 - History of ESBWR DCD and COLA content for IST program description
 - Present and discuss current plans for DCD and COLA changes
 - Discuss any further actions to complete the IST program description

History - IST Program Description

- DCWG Meeting August 8, 2007
 - Examples of AP1000 and ESBWR IST Program description
 - NRC provided comments on example program descriptions
 - Several phone calls as followup to discuss NRC comments
- WEC TR-138 provided changes to AP1000 DCD
- March 26 & 27 public meeting to review AP1000 composite IST program description and NRC talking points
 - Composite AP1000 DCD/TR/COLA IST document provided to NRC in March 2008
 - NRC Staff provided “talking points” for review
- Issues requiring further clarification in the DCD or COLA assigned to WEC or BLN, as applicable
 - RAIs issued by NRC Staff to WEC on DCD and TVA on COLA

ESBWR IST Program Description - DCD R4, COLA R0

- Significant changes to DCD in Rev. 4 to address IST program requirements, with the intent to
 - Minimize COLA supplemental information while meeting RG 1.206 and SECY-05-0197 via DCD standard content
 - Address NRC comments from August 8 meeting
 - Minimize need for departures from DCD
- Attempt to maintain some consistency with AP1000 program description content

ESBWR IST Program Description – DCD Revision 5

- Requirements for ESBWR IST program scope changed due to changes in design
 - For example, no safety-related MOVs in the ESBWR design
- DCD Revision 5 reflects changes in design, valve qualification requirements, and scope of the IST program
 - Requirements for MOVs deleted from Section 3.9.6
 - Other minor changes in Section 3.9.6 to address IST requirements
 - Changes to discuss use of QME-1-2007 for valve qualification in Section 3.9.3

ESBWR IST Program Description – FSAR Rev. 1

- Results of March 26 & 27 meeting with AP1000 DCWG incorporated into the ESBWR COLA IST Program description, as applicable
 - Snubber inservice testing per ISTD is described
 - DCD currently addresses only preservice exams/testing
 - Power-operated valve testing program (other than MOVs), beyond OM Code IST program requirements, is described – lessons learned from MOV programs
- Reflects design change to eliminate MOVs
- Discussion added to address data collection for CV condition monitoring in the future

ESBWR IST Program Description

- Composite DCD/COLA developed for review with NRC Staff
 - BLACK font – DCD Revision 4 content, unchanged
 - RED font – DCD Revision 5 changes planned by GEH
 - BLUE font – additional DCD changes suggested by COL Applicants for Rev. 5 – GEH concurs
 - GREEN font – COLA FSAR material, Rev. 0 and Rev. 1 changes/additions.