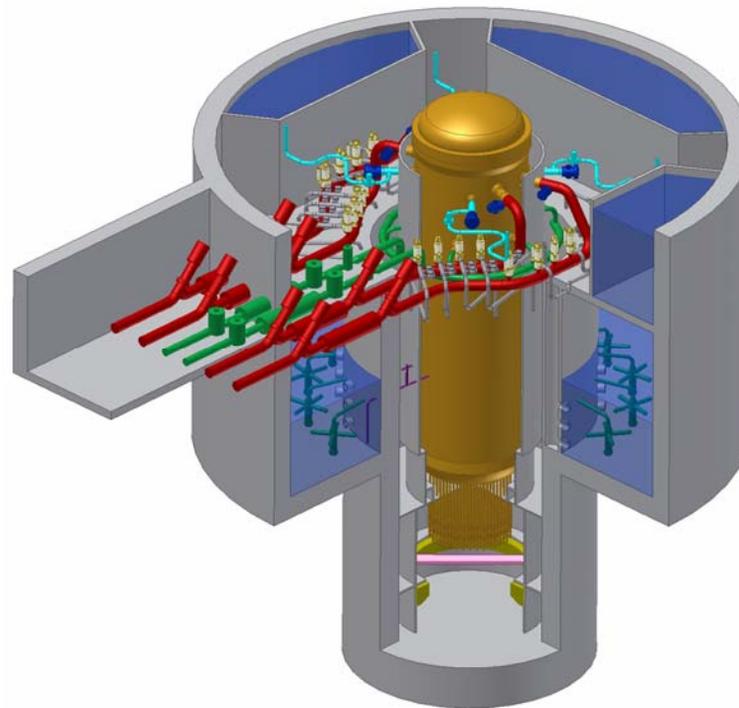


ESBWR Technical Specifications Sections 3.0, 3.4, & 5.0



June 7, 2006

imagination at work 

imagination at work 

Technical Specifications 3.0, 3.4, & 5.0

MEETING GOALS

- Overview Process to Finalize Technical Specifications
- Outline “Shutdown Action” Proposed Approaches
 - LCO 3.0.3 Shutdown to Cold Conditions
 - Generic “End State” Application
- Discuss Specific COL Information Items for Sections 3.0, 3.4, & 5.0
- Discuss Related RAIs
- Plans for Future Meetings

Technical Specification Finalization

- Maintaining Technical Specifications Consistent With Design Certification Document (DCD) Changes
- Reviewing RAIs on other DCD Chapters for Potential Technical Specification Revisions
- Developing Generic Technical Specifications and COL Application in Parallel
- Goal: Minimize Plant-Specific COL Information Items in Generic Technical Specifications and Maximize Generic Applicability for Future Applicants

3.0.3 Cold Shutdown Action

- ESBWR LCO 3.0.3 (ML060810297)
- SECY 94-084 (ML003708068)
 - “Staff concludes that ... 420 °F as a safe stable shutdown condition is acceptable”
- Proposed LCO 3.0.3 Consistent with SECY 94-084

Generic 'End State' Application

- RAI 16.2-7 (Specific to LCO 3.3.4.1; Generically Applicable)
 - TSTF-423, End States (Risk Informed Initiative)
 - NRC Safety Evaluation on NEDC-32988 (ML022700603)
 - CLIP Federal Register Notice for TSTF-423 (ML060760206)
 - Implementation Guidance TSTF-IG-05-02
 - LCO 3.4.1, SRVs

3.0 COL Info Items & RAIs

- LCO 3.0.4 and SR 3.0.3 Bases
 - COL Information Item: Commitment to Regulatory Guide 1.182, “Assessing and Managing Risk Before Maintenance Activities at Nuclear Power Plants”
- Potential LCO 3.0.8, Snubbers (TSTF-372)
 - Continuing to Evaluate Applicability to ESBWR
- Potential LCO 3.0.9, Degraded Barriers (TSTF-427)
 - Continuing to Evaluate Applicability to ESBWR

3.4 COL Info Items & RAIs

- Shutdown Action 'End States'
- SRV Setpoints – To Be Finalized
([RAIs 5.2-17 & 5.2-20](#) concern settings) (ML0613602480)
- RCS leakage limits – No Changes Anticipated
 - Response to [RAIs 5.2-1 and 5.2-2](#) (ML0613901970)
 - [Draft RAIs](#) for Chapter 16 Received
- Pressure/Temperature Limits Reports (PTLR)
 - Report To Be Provided ([RAI 5.3-13](#)) (ML0612200290)
 - Post-COL PTLR Revision ([RAI 5.3-7](#)) (ML0607904530)
- Steam Dome Pressure Limit – Resolving DCD Values

5.0 COL Info Items & RAIs

- Titles, Responsibilities, and Locations
 - Brackets To Be Removed
- Offsite Dose Calculation Manual (ODCM)
 - Draft [RAI 16.2-9](#): Discussions Pending
- Containment Leakage Rate Testing Program
 - COL Information Item ([RAI 6.2-3](#)) (ML0607505740)
- Battery Monitoring and Maintenance Program
 - Battery Sizing and Selection Ongoing
- Core Operating Limits Report
 - Applicable Topical(s) When Approved

Summary

- Goal: Minimize COL Information Items in Generic TS and Maximize Generic Applicability for Future Applicants
- Proposed “Shutdown Actions” || Further Discussion?
 - LCO 3.0.3 Shutdown to Cold Conditions
 - Generic “End State” Application
- Future Meetings