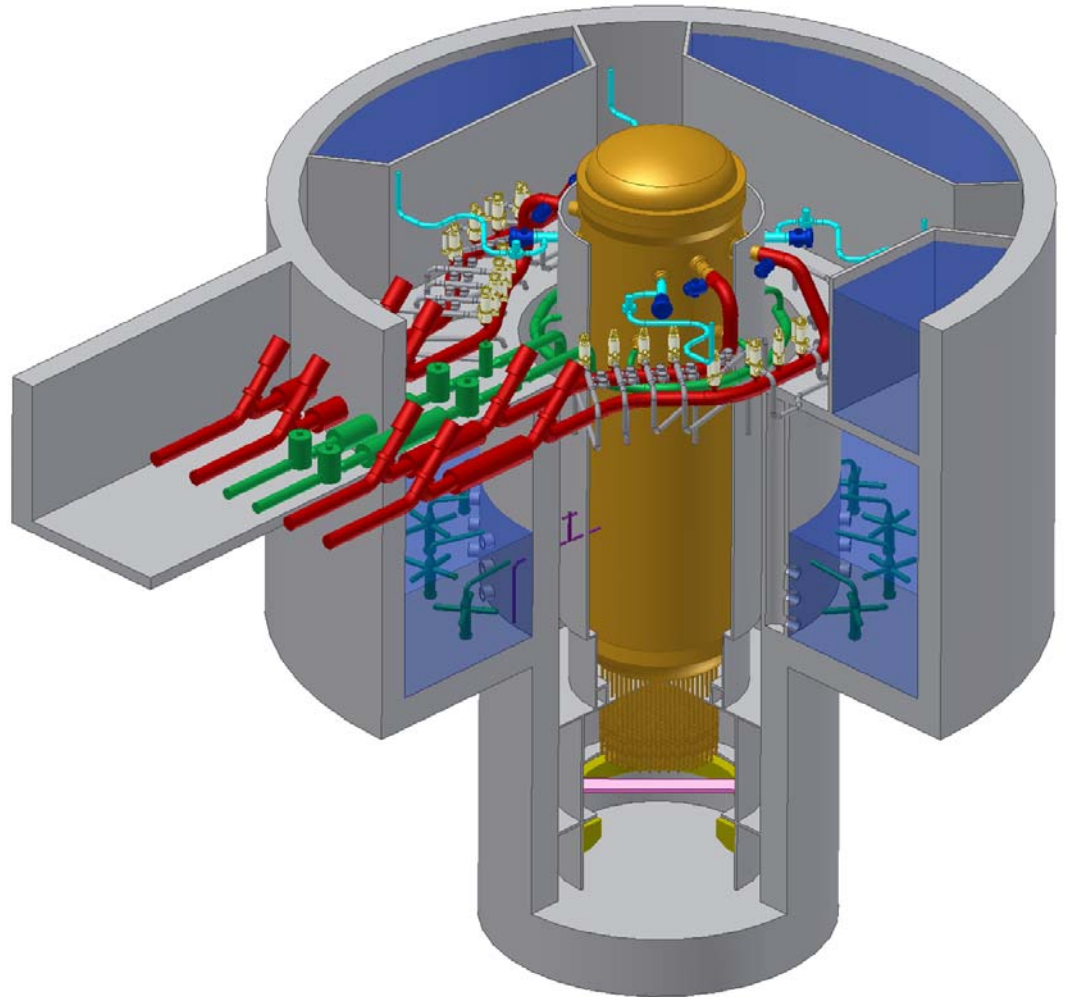


# ESBWR Technical Specifications



March 23, 2006

# Technical Specifications

## MEETING GOALS

- > Present Methodology for LCO Selection
- > Overview Content / Highlight Unique Issues
- > Ongoing Process to Facilitate NRC Review
- > Electrical Section Specifications

# Technical Specifications

- **Based on BWR 6 NUREG-1434, Rev 3.1**
  - > Applied Previous Consensus on 50.36 Criteria to Matching SSC / Parameters
  - > Applied Existing Completion Times and Surveillance Frequencies As Practicable
  - > Adopted Latest TSTFs
  - > ESBWR TS Informed by NRC Review Process Outlined In AP1000 FSER

# Technical Specifications (cont)

- **COL Action Items = Bracketed Material**
  - > Final Design Details Pending
    - Section 3.3, Instrumentation
  - > Final Design/Construction Validation
    - Instrument Allowable Values
  - > Additional Evaluation Pending
    - Some Action Times & Surveillance Intervals
    - Some Bases References
    - Some Parameter Values

# Technical Specifications (cont)

- **10 CFR 50.36(c)(2)(ii) Criteria**

- > Safety Related Systems Included
- > Non-Safety Systems Generally Not Included
- > Non-TS “Availability Controls” - Appropriate to Risk Significance of Non-Safety Systems - TBD
- > Approach Consistent with SECY 94-084:  
“Regulatory Treatment of Non-Safety Systems”
  - “RTNSS” Determination Separate From 50.36 Criteria
  - “RTNSS” Systems Will by Definition Be Included In Future Development of “Availability Controls” Section

# Technical Specifications (cont)

- **NRC Review: Supporting Tools**
  - > Road Map To NUREG-1434
    - High-Level For Today's Presentation
  - > Summary Matrices of SSCs / Parameters
  - > Other RAIs Providing Technical Resolution
  - > Future Meetings
    - Goal: Efficiency in Supporting Schedules
    - Coordinate Overlapping RAI Issues
    - Include Technical Branch / Utility Reps / Public

# Technical Specifications (cont)