ESBWR Technical Specifications



March 23, 2006



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



- 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



- •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



- 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





7 GE Energy / Nuclear March 23, 2006