



Agenda

- Introduction/Meeting Objectives - Jon Rupert
- Regulatory History - Tim Abney
- Overview and Schedule - Jon Rupert/Joe Valente
- Nuclear Assurance Assessment Activities - Steve Tanner
- Commitment Closure - Tim Abney
- Unit 1 Regulatory Framework - Tim Abney
- Summary and Conclusion - Jon Rupert



Unit 1 Restart - Introduction/Meeting Objectives

- Objectives of this meeting are:
 - Provide overview of Unit 1 Restart Project
 - Provide schedule of Unit 1 Restart Activities



Regulatory History

- Unit 2 Restart
 - All 3 BFN units voluntarily shutdown by TVA in March 1985, because of regulatory and management issues
 - TVA committed to obtain NRC approval prior to restart of any BFN unit
 - NRC issued a “show cause” letter for all TVA nuclear plants in September 1985, under 10 CFR 50.54 (f), and requested TVA to specify corrective actions
 - TVA submitted the Nuclear Performance Plan, Volume 3, in August 1986, outlining the steps needed to recover the BFN units, specifically directed to Unit 2
 - TVA and NRC conducted several meetings and TVA made several submittals to fully define the regulatory actions needed to restart BFN Unit 2
 - NRC issued NUREG 1232, Volume 3, Supplement 2 in January 1991, concluding that TVA’s actions acceptably addressed BFN deficiencies
 - NRC approved Unit 2 restart on May 23, 1991
 - Unit 2 restarted on May 24, 1991



Regulatory History

- Unit 3 Restart
 - TVA proposed regulatory framework for restart of Units 1 and 3 in July 1991, outlining improvements from the Unit 2 precedent
 - NRC approved framework proposed by TVA in April 1992
 - Unit 3 restart effort dealt primarily with resolving Special Programs, as the management issues had been resolved for Unit 2 restart
 - NRC staff issued SECY-95-264 recommending restart of Unit 3 on November 1, 1995
 - NRC approved Unit 3 restart on November 15, 1995
 - Unit 3 restarted on November 19, 1995



Regulatory History

- Unit 1
 - Based on Energy Vision 2020 recommendations, TVA decided to delay decision on Unit 1 restart
 - Unit 1 was removed from the NRC's problem plant list on June 21, 1996 based on commitments from an April 16, 1996 TVA letter to:
 - Implement same Special Programs on Unit 1 that were done for Unit 3
 - Not restart Unit 1 without prior approval of NRC



Overview and Schedule

- Detailed Scoping, Estimate and Planning (DSEP)
 - Extensive effort to support Unit 1 restart decision
 - Utilized key TVA personnel with both discipline expertise and experience on restart of Units 2 and 3
 - Results in organizational structure and strong team in place for recovery effort
- Unit 1 Restart Principles
 - BFN units will be operationally the same at completion of Unit 1 restart
 - Unit 1 restart activities will use plant processes and procedures when available

Overview and Schedule



- Workscope Required for Unit 1 Restart
 - Special Programs using criteria consistent with Unit 3 Restart
 - Design changes since Units 2/3 restart
 - Future design changes in 5 year BFN Project Plan
 - Corrective/Preventive Maintenance
 - Regulatory Issues
 - Licensing Actions
 - Inservice Inspection



Overview and Schedule

Special Programs

Special Program	Differences in Unit 1 vs. Unit 3 Approach
Configuration Management	None
Design Calculations	None
Equipment Qualification	None
Seismic Design	None
Fire Protection Improvement	None
Instrument Sensing Lines	None
Wall Thinning	None
PRA	Not Required
Component & Piece Part Qualification	None
Electrical Issues	None
Q-List	None
MELB	None
Platform Thermal Growth	None
IGSCC	Complete replacement of recirculation piping
Coatings	None
Restart Test	None
Plant Welding	Not Required
Heat Code Traceability	Not Required



Current Activities

- Current Activities
 - Engineering
 - Modifications

Overview and Schedule



Level 1 Schedule will go here



Nuclear Assurance - Assessment Activities

- Line Ownership of Quality
- Nuclear Assurance Oversight
 - Observations
 - Assessments and Audits
 - Evaluation and Analysis
- Current Status
 - Corrective Action Program
 - Self-Assessment Program
 - Work Performance

Commitment Closure



- 268 total open Unit 1 commitments
- 68 associated with Generic Communications
- 70 from LERs, violations and inspections
- 130 from other miscellaneous sources
- These will be evaluated in accordance with NEI 99-04 for potential decommitments



Unit 1 Regulatory Framework

- Unit 1 and Unit 3 Regulatory Framework was approved by NRC in April, 1992
- Regulatory Framework for Unit 1 to be reviewed and revised
- Unit 1 Regulatory Framework will include:
 - Summary of Special Programs
 - Submittals required
 - Concurrent licensing actions for all 3 units, where applicable
 - Commitment closure process, consistent with NEI 99-04 and TVA SPP 3.3
 - Actions needed for NRC restart approval
 - Format, structure and frequency of periodic meetings
- TVA intends to submit proposed Regulatory Framework document by December 31, 2002



Summary and Conclusion