



Browns Ferry Unit 1 Restart

January 10, 2007

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Director for Operations

Agenda

- Licensing Status
- Inspection Status
- Summary

Licensing Status

- License Renewal
- License Amendments, Relief Requests, Exemptions
- Special Programs
- Power Uprate

License Renewal

- Application submitted on January 6, 2004
- ACRS approval letter of March 23, 2006
- Licenses renewed for all 3 units on May 4, 2006
- Over 9,000 staff hours for Unit 1 reviews (16,000 staff hours for Units 2 & 3)

License Amendments, Relief Requests, Exemptions

- 21 amendments submitted for restart
- 17 completed, remainder are on schedule
- 12 relief requests and 3 exemptions completed
- About 13,000 staff hours

Special Programs

- Review of generic letters and bulletins
- Three Mile Island action items (NUREG-0737)
- Fire protection
- About 8,000 staff hours

Unit 1 Power Uprate

- Unit 1 uprate to 105% for restart
- Draft safety evaluation to ACRS on December 1, 2006
- ACRS subcommittee meets on January 16, 2007
- ACRS full committee meets on February 1, 2007

Extended Power Uprate Issues For The 3 Units

- Steam Dryer Integrity
- Large Transient Testing
- Containment Accident Pressure
- Fuel Methodology

Regulatory Oversight

- IMC 2509 addresses Unit 1
 - Requirements for inspections
 - Key features used from IMC 0350
 - Transition to ROP
- Reactor Oversight Process (ROP)
 - 4 of the 7 cornerstones already in use

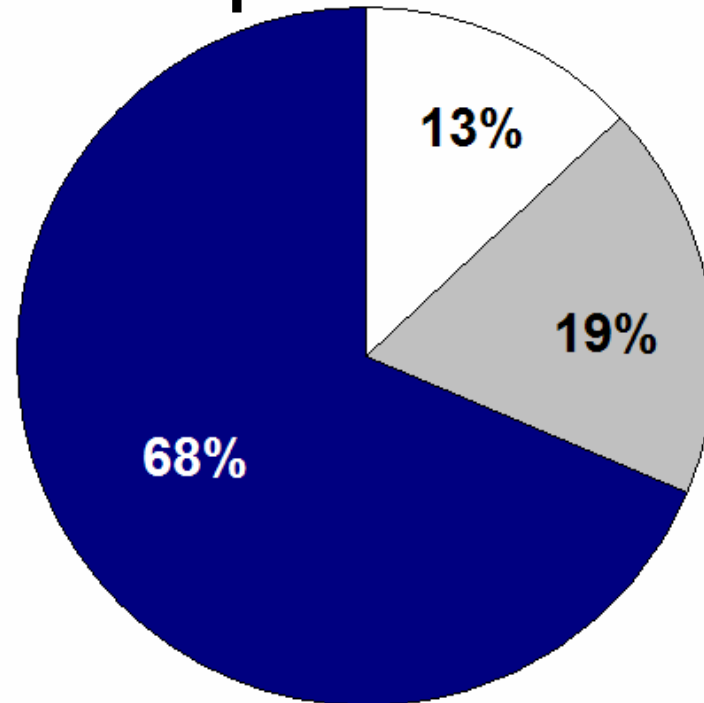
Inspection Status

- Staff Support
- Areas of Inspection
- Remaining Inspections
 - System Preoperability Checklist
 - Operational Readiness Assessment Team
 - Restart and Power Ascension Testing Inspections

Performance Assessment

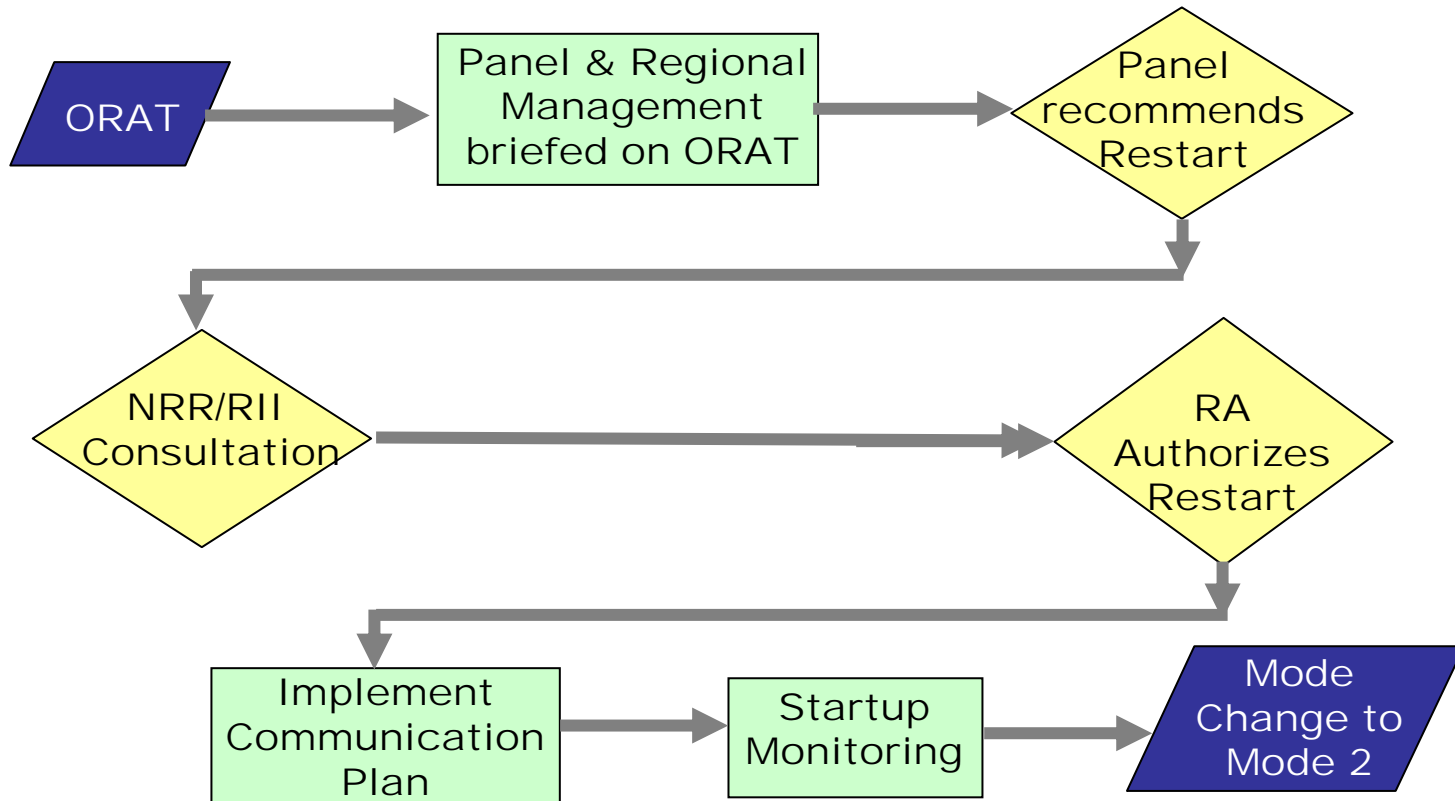
- NRC to TVA letter dated 8/15/06 discussed plant performance
- Unit 1 Enforcement History
- Unit 1 Allegations

Restart Inspection Status



- Open Items with scheduled inspections
- Open Items with field inspection complete
- Closed Items

IMC 2509 Restart Process



Summary

- Unit 1 preparations continue to be performed in a safe manner
- ORAT inspection will provide insight into status of readiness
- Request authority for Unit 1 restart in accordance with IMC 2509

Acronyms

- ACRS- Advisory Committee on Reactor Safeguards
- IMC- Inspection Manual Chapter
- EPU- Extended Power Uprate
- NRR- Office of Nuclear Reactor Regulation

Acronyms

- ORAT- Operational Readiness Assessment Team
- RA- Regional Administrator
- SPOC- System Pre-Operability Checklist