



NRC Acceptance Review Meeting

Sequoyah Nuclear Plant

IMPROVED TECHNICAL SPECIFICATION Conversion

February 20, 2014

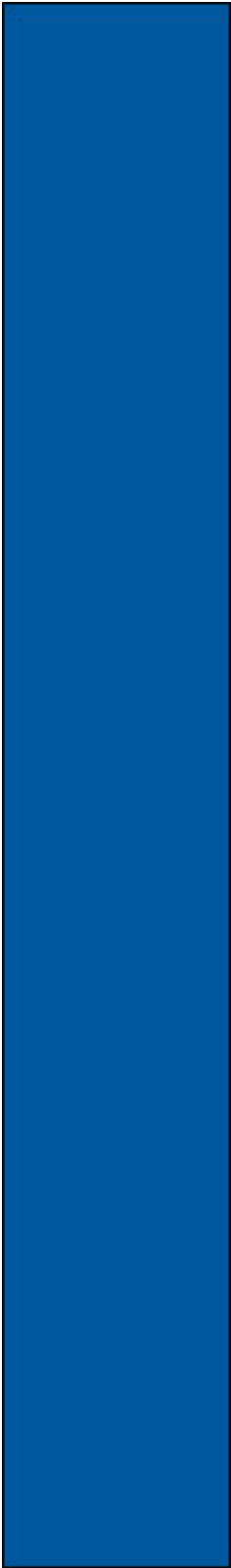
I. Introduction

- Purpose of Meeting
- NRC, TVA, and Excel Services

II. Sequoyah ITS Presentation

- Scope
- Licensee Identified Items which may require a Formal Technical Branch Review
- CTS LAR Incorporation
- Information Not Provided Under Oath or Affirmation to assist NRC review efforts
- Lessons Learned
- Communications
- Excel Portal
- Schedule

III. Closing Comments



Introduction and Project Description

Michelle Conner

Improved Technical Specification

Project Task Manager

I. Introduction

Purpose of Meeting

Given the complexity of ITS Conversions, this meeting is intended to ensure common understanding of the ITS Conversion process as we proceed into the Main Review phase.

Attendees:

- TVA
 - Michelle Conner – ITS Project Task Manager
 - Scott Bowman – Licensing Core Team
 - Lynn Mynatt – Engineering Core Team
 - Michael McBrearty – SQN Site Licensing Manager
- EXCEL Services
 - Ray Schiele – ITS Project Manager, Consultant

II. Sequoyah ITS Presentation

Scope

- Convert the SQN Current Technical Specifications (CTS) to the Improved Standard Technical Specifications (ISTS), NUREG 1431, Revision 4.0;
- Adoption of specific Risk Informed Initiatives.
(will be discussed in more detail in following slides)

II. Sequoyah ITS Presentation (continued)

Approved Travelers Adopted

TSTF-411 Surveillance Test Extensions for Components of Reactor Protection System

TSTF-418 RPS and ESFAS Test Times and Completion Times

TSTF-490 Deletion of E Bar Definition and Revision to RCS Specific Activity Tech Spec

TSTF-522 Revise Ventilation System Surveillance Requirements to Operate for 10 hours per Month



II. Sequoyah ITS Presentation (continued)

Risk Informed Initiatives

TSTF-425 Relocate Surveillance Frequencies to Licensee Control

TSTF-427 Allowance for Non Technical Specification Barrier
Degradation on Supported System Operability

TSTF- 446 Risk Informed Evaluation of Extensions to Containment
Isolation Valve Completion Times

II. Sequoyah ITS Presentation (continued)

Items that may require a Formal Technical Branch Review

- 1. ITS 3.2.1 SR Note delaying SR performance
- 2. ITS 3.3.1 & 3.3.2 SG water level adjustment alternative
- 3. ITS 3.3.1 SR Note delaying SR performance
- 4. ITS 3.3.1 RCP UF Setpoint
- 5. ITS 3.3.6 radiation detector ESF RESPONSE TIME exclusion
- 6. ITS 3.3.9 SR Note delaying SR performance
- 7. ITS 3.4.6 & 3.4.7 SG 21% NR indication
- 8. ITS 3.5.2 Note ECCS flowpaths
- 9. ITS 3.6.13 14 days with ice condenser doors inop
- 10. ITS 3.6.13 Note walking on ice condenser doors
- 11. ITS 3.7.4 ARVs and ACAS
- 12. ITS 3.7.10 SR for tornado dampers
- 13. ITS 3.8.1 associated and opposite unit requirements



II. Sequoyah ITS Presentation (continued)

CTS SQN LARs Under NRC Review

- SQN Ice Condenser Ice Weight Change LAR (SQN-TS-12-04)
- SQN Ultimate Heat Sink Temperature Limitation/Essential Raw Cooling Water Alignment Change LAR (TS-SQN-13-01 and 13-02),

SQN future LAR submittals



II. Sequoyah ITS Presentation (continued)

Information not provided under oath or affirmation

1. DOC Tables (MS Word file)
2. Living FSAR *
3. SQN ITS Submittal Assembled
4. Unit 1 CTS and CTS Bases *
5. Unit 1 clean typed ITS and ITS Bases
6. Unit 2 CTS and CTS Bases *
7. Unit 2 clean typed ITS and ITS Bases

* As of 02/06/14

II. Sequoyah ITS Presentation (continued)

Lessons Learned from previous ITS Conversions

- **Utilization of LIC-601 ITS Conversion Amendment Review Procedure**
 - Formal Process to ensure consistency in the conversion process
- **RAI Communication and Use of the ITS Database**
 - Utilizing the database can facilitate the flow of communications allowing information to be exchanged efficiently
- **Teleconferences each week between the NRC and SQN ITS Project Teams**

II. Sequoyah ITS Presentation (continued)

Communications Protocol

- Weekly phone calls
- Setting the agenda
- Communication between NRC and SQN ITS project team members
- Capturing teleconference communications dealing with RAI response in the database



II. Sequoyah ITS Presentation (continued)

ITS Portal

- Recent issues
- Additional Training
- Formality
- Licensee provides RAI response within 2 weeks of question being posted
- Close out of the RAIs in the database
- Elevating an RAI to a written formal RAI

II. Sequoyah ITS Presentation (continued)

Schedule

- TVA requests approval of the proposed license amendment by Nov 30, 2014 to support implementation prior to the 2015 spring outage.
- The approval of this LAR is an essential element to permit the scheduling of preventative maintenance of the SQN 6.9kV and 480V Shutdown Boards.
- SQN efforts are in progress to ensure the site is prepared for implementation
 - » Training of site personnel began in January 2014
 - » Procedure revisions
 - » Program development



III. Closing Comments

Sequoyah has dedicated resources committed to support the NRC during the review process.

Our goal is to ensure a safe and efficient ITS Conversion review and ultimately successful implementation at our site.

QUESTIONS?