



SRNS Site Report M&O Facilities

10/21/09





USQ Process Assessment

- **Comprehensive assessment of USQ process implementation conducted from March through June 2009.**
 - Covered all SRNS nuclear facilities
- **Key findings:**
 - Screening justifications inadequate
 - Inadequate demonstration of intermediate facility configurations consideration
 - Inadequate demonstration of implicit impacts consideration



USQ - Interim Corrective Actions

- **Interim corrective actions established to address immediate compliance issues**
 - Developed and presented briefing to all USQ-qualified staff on Findings from assessment and management expectations going forward
 - All new modification work packages receive USQ review
 - Work planning process being adjusted to ensure that all periodic maintenance, corrective maintenance, minor maintenance and quick fix work categories receive appropriate screening for USQ application

USQ Assessment Root Cause Analysis

Finding

Interim Configurations
not documented

Implicit changes
not
documented

Inadequate
Justifications

Past corrective actions
not effective

Causes

- Inconsistent enforcement of 1.05
- Mindset / most PA's not significant
- 1.05 Procedure unclear
- Work initiation not connected back to USQ requirements
- Training inadequate

Corrective Actions

- Strengthen R2A2, including org alignments, assessment, oversight
- PAAA Non-Compliance Reported

- Revise 1.05 Procedure
- Revise work initiator procedures (e.g. 1Y, E-7)

- Revise Training; re-train

Organization

Procedures

Training

USQ - Current Status/Path Forward

- **USQ Procedure Revision in internal review addressing issues identified in the assessment**
 - Scheduled to submit for approval in November 2009
- **USQ Training package (2-day course) being finalized**
 - Intended to establish new USQ training baseline for all qualified originators & reviewers
 - Scheduled to offer pilot in mid-November 2009
- **Monitoring in place to have real time assessment and trending of USQ document content and quality**
- **Revise and approve other site procedures to incorporate the revised 11Q 1.05 requirements by February 2010**