

NERC Reliability Standards

Accelerated Transition to Version 0

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Accelerated Standards Transition

- Message from August 14: need for clear and measurable standards:
 - US/Canada TF Report Recommendation 25
 - FERC Reliability Policy Order
- Multiple sets of 'reliability rules' and processes
 - Operating policies, planning standards, compliance templates, new standards
 - Industry volunteer resources spread too thin
- Consensus on new standards takes time
- Need to minimize cost and impacts of standards transition
- Need to ensure reliability continuity

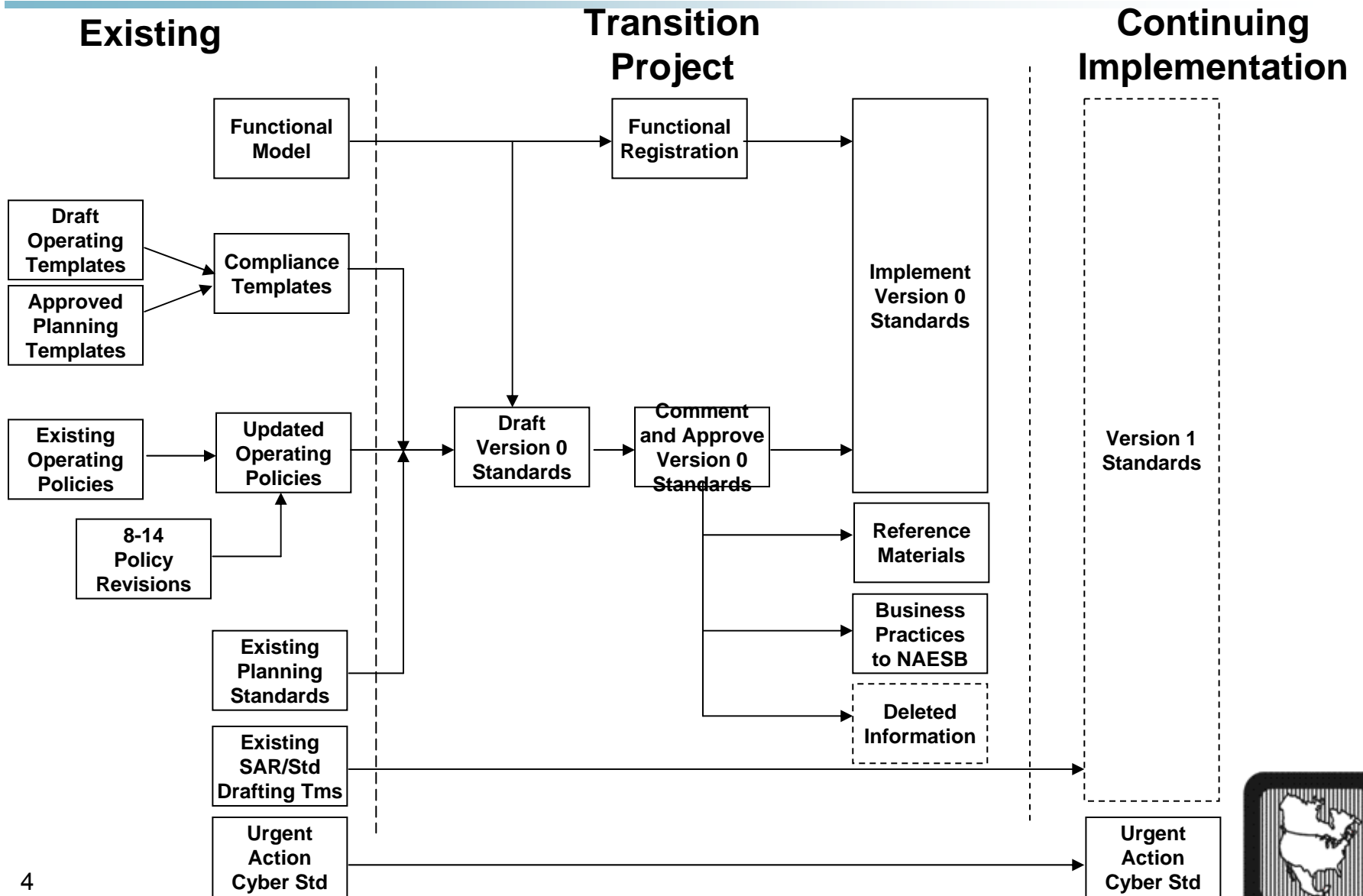


Objectives by February 2005

- Translate existing operating policies, planning standards, and compliance templates into 'Version 0' reliability standards
 - Identify functions
 - Split out business practice sections to NAESB
 - Minimal 'content' change
 - Use ANSI-accredited process
- Complete initial function registrations
- Adopt 'Version 0' standards and retire existing policies, standards, templates
- Consolidate resources for standards development
- Streamline standards process



Project Overview



Transition Steps

- April 2: Board approved compliance templates
- May 7: SAC to announce drafting team
- May 19: Comments due on SAR/Plan (STMT)
- June 4: Committee inputs due
 - Split out business practice sections to NAESB complete
- July 2: Drafting team draft Version 0 posted
- Committee meetings to review/key issues
- Aug. 30 to Oct. 15: Draft 2 posted for comments
- Oct. 31: Initial functional registration complete
- November: Committee approval Version 0
- December: RBB ballot on Version 0
- February 2005: BOT adoption



NERC-NAESB Coordination

- In cooperation with NAESB and the IRC, and with the endorsement of the JIC, identify sections of the existing operation policies and planning standards that are suitable for NAESB to incorporate into their “Version 0”
- NAESB will support through BPS
- NERC will support through the Market Committee
 - MC will be putting together teams to review/comment
- June 4 – Split out business practice sections to NAESB complete
- NERC will add Phil Cox and Joel Dison as non-voting members of SAR drafting team



Version 0 Format Guidelines

- Template
 - Title
 - Purpose
 - Requirements
 - Measures
 - Regional Differences
 - Compliance Monitoring
- Control Area (FM Function)
- Identify potential
 - Business practices
 - References
 - Deletions
- Guides are not requirements
- Do not change scope of reliability rules



Benefits of Accelerated Transition

- Address FERC reliability initiative for enforceable standards
- Focus work on one set of reliability rules
- Use one, ANSI-accredited process
- Minimize initial impact of transition to new standards by removing “step jump”
- Reduce burden on industry to follow multiple groups
- Facilitate NAESB adoption of business practices
- Streamline standards development process going forward



Other Standard Development Activities

- Board/FERC requested actions
 - Vegetation management
 - Line ratings
 - Operator training
 - Adequacy of operating tools
 - Minimum certification requirements for RAs and BAs (revisions to Op Pol 5,6, and 9)



Other Standard Development Activities

- Board requested standards
 - Operating reserves
 - Reactive reserves and voltage control
 - System monitoring facilities and tools used by system operators
 - Cyber Security (need for a template)



Other Standard Development Activities

- Cyber Security
 - Renewal of urgent action
 - Permanent Standard (RS1300)
- RS 400 Coordinate Interchange
- RS 600 Determine Facility Ratings, Operation Limits, and Transfer Capabilities
- Certification
 - RS 1400 – BA Function (posted for comment)
 - RS 1500 – IA Function
 - RS 1600 – RA Function
 - RS 1700 – TO Function

