RAS/SPS Updates in Manual 3: Transmission Operations
RSCS 09/15/17
Reason

• Drivers
  – PRC-012-2
    • Implementation TBD
    • Transition from RRO to RC
  – PJM Operational change for potential failure to operate
    • Fully redundant vs non-redundant

• Transition to RAS - Remedial Action Scheme
  – Term effective 4/1/17
  – Phase out use of term “SPS”
  – Redundant ones are called “RAS”
  – Non-redundant ones are called “scheme”
Operational Changes

- Procedures for non-redundant schemes
  - Thermal and voltage schemes
    - Operate to Emergency limits for successful scheme action
    - Operate to Load Dump limits for potential scheme failure
  - Stability schemes: does not operate to
    - Make pre-contingency reductions, if necessary, and de-activate scheme to avoid unnecessary unit trip
M-3 Changes

• M-3 Section 1.7 – Updated timeline for the transition
• M-3 Section 5 RTO – Updated terminology
• M-3 Section 5 Procedures – Updated procedures
  – Minor changes for redundant ones
  – Operational changes for non-redundant ones
• M-3 Attachment A
  – Table for RAS
  – Table for schemes, aka, non-redundant schemes