**Effective Date**: January 24, 2019  

**Impacted Manual #s/Manual Title(s):**  
- Manual 40  
  Training and Certification Requirements

**Conforming Order(s):**  
None

**Associated Issue Tracking Title:** N/A

**Committee Approval Path - What committee(s) have already seen these changes?**

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**MRC 1st read date:** 12/20/18  
**MRC voting date:** 01/24/19

**Impacted Manual sections:**  
Various – cover to cover review

**Reason for change:**  
Annual Review per NERC Standard PER-005

**Summary of the changes:**

**Revision 20 (01/24/2019):**

- Cover to Cover Periodic Review  
  Sections 1-3:  
  - Update PJM links from http to https to reflect security  
  - Remove dates and wording to reflect legacy changes previously approved  
  - Updated Section 4 manual ownership to Richard Brown  
  - Removed testing requirements from Sections 4.4, 4.5, 4.6, and 4.7 and consolidated all requirements in a separate Section 4.2.6.  
  - Changed OJT Instructor to OJT Trainer  
  - Added footnote 1 defining Master Dispatcher  
  - Added footnote 2 defining OTS versus DTS  
  - Added clarifying language throughout Section 4  
    - Updated Exhibit 4 “Threat Error Management”