



Effective Date	October 11, 2016
Impacted Manual #(s)/Manual Title(s):	
Manual 40 Training and Certification Requirements	
Conforming Order(s):	
Associated Issue Tracking Title:	
Committee Approval Path - What committee(s) have already seen these changes?	
MRC 1st read date:	
MRC voting date:	
Impacted Manual sections:	
Section 1: Training Overview 1.6: Implementation of Program Activities Section 3: Member Training and Certification Requirements 3.2: Entity Training and Certification Requirements 3.3: Compliance Monitoring Process for Training and Certification Requirements Section 4: PJM Operator Training 4.1: Overview 4.2: Systematic Approach to Training 4.6: Power Director Initial Training and Qualification Requirements 4.7: Reliability Engineer Initial Training and Qualification Requirements 4.8: Shift Supervisor Initial Training and Qualification Program 4.9: PJM System Operator Continuing Training Program 4.12: PJM Human Performance Program	
Reason for change:	
Annual Review per NERC Standard PER-005.	

Summary of the changes:

- 1.6: Added Grid Security Drills as another component of the continuing education offerings
- 3.2: Added language to reflect how initial training requirements may be completed. Added language to include open/required JIT training to Initial Training Requirements.
- Changed the grace period for completing Initial Requirements from 12 months to 6 months for MOC Generation Dispatchers and Small Generation Plant Dispatchers – Section 3.2.2 and 3.2.4
- Added clarification to items which are monitored during monthly and annual compliance checks – Section 3.3
- Section 4: Consistency in formatting throughout section
- 4.1: Removed statement for customizing each operator's training program
- 4.2: Removed Instructor observations and critiques as part of the Evaluation Phase of the Systematic Approach to Training
- 4.6: Added Remedial Action Schemes (RAS)
- 4.7: Removed Voltage Stability Analysis (VSA) tool references, removed region specific written test reference.
- 4.8: Removed Voltage Stability Analysis (VSA) tool references, Removed HR leadership courses that are no longer offered (Emerge, Communication and Influencing Skills)
- 4.9: Removed the Daily Review Team Process which is no longer a control room function. Added Cyber and Physical Security Drills to the Simulator use.
- 4.12: Added CRM tools of Situational Awareness, Effective Shift Turnover, Planning and Decision Making, Workload Management, Monitor/Cross-Check, Communication, Leadership Effectiveness. Added a new Figure 4