

Midwest Reliability Organization Procedure For NERC PRC-014

A. Introduction – The following procedure developed by the MRO Protective Relay Subcommittee (PRS) and Transmission Assessment Subcommittee (TAS) is considered a technical guideline and should be followed as good utility practice.

- 1. Title: Special Protection System (SPS) Assessment**
- 2. Reference:** NERC Standard PRC-014-0
- 3. Purpose:** To ensure that all Special Protection Systems (SPS) are properly designed, meet performance requirements, and are coordinated with other protection systems.
- 4. Applicability:**
 - 4.1.** Midwest Reliability Organization (MRO)
- 5. Most Recent Update:** November 20, 2008
- 6. Effective Date:** April 1, 2009

B. Requirements

- R1.** The MRO shall assess the operation, coordination, and effectiveness of all SPSs installed in its Region at least once every five years for compliance with NERC Reliability Standards and MRO Regional criteria. The assessment shall be performed as described in MRO Procedure for NERC PRC-012.
- R2.** The MRO shall provide a summary report of its assessment of the operation, coordination, and effectiveness of all SPSs installed in its Region to affected Regional Reliability Organizations or NERC on request (within 30 calendar days).
- R3.** The documentation of the MRO's SPS assessment shall include the following elements:
 - R3.1.** Identification of group conducting the assessment and the date the assessment was performed.
 - R3.2.** Study years, system conditions, and contingencies analyzed in the technical studies on which the assessment is based and when those technical studies were performed.
 - R3.3.** Identification of SPSs that were found not to comply with NERC standards and MRO Regional criteria.
 - R3.4.** Discussion of any interaction problems found between a SPS and other protection and control systems.
 - R3.5.** The MRO compliance office will ensure that corrective action plans for non-compliant SPSs are executed.