

A. Introduction

1. **Title:** Remedial Action Scheme Assessment
2. **Number:** PRC-014-1
3. **Purpose:** To ensure that all Remedial Action Schemes (RAS) are properly designed, meet performance requirements, and are coordinated with other protection systems. To ensure that maintenance and testing programs are developed and misoperations are analyzed and corrected.
4. **Applicability:**
 - 4.1. Regional Reliability Organization
5. **Effective Date:** See Implementation Plan for the Revised Definition of “Remedial Action Scheme”

B. Requirements

- R1. The Regional Reliability Organization shall assess the operation, coordination, and effectiveness of all RAS installed in its Region at least once every five years for compliance with NERC Reliability Standards and Regional criteria.
- R2. The Regional Reliability Organization shall provide either a summary report or a detailed report of its assessment of the operation, coordination, and effectiveness of all RAS installed in its Region to affected Regional Reliability Organizations or NERC on request (within 30 calendar days).
- R3. The documentation of the Regional Reliability Organization’s RAS 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 RAS that were found not to comply with NERC standards and Regional Reliability Organization criteria.
 - R3.4. Discussion of any coordination problems found between a RAS and other protection and control systems.
 - R3.5. Provide corrective action plans for non-compliant RAS.

C. Measures

- M1. The Regional Reliability Organization shall assess the operation, coordination, and effectiveness of all RAS installed in its Region at least once every five years for compliance with NERC standards and Regional criteria.
- M2. The Regional Reliability Organization shall provide either a summary report or a detailed report of this assessment to affected Regional Reliability Organizations or NERC on request (within 30 calendar days).
- M3. The Regional Reliability Organization’s documentation of the RAS assessment shall include all elements as defined in Reliability Standard PRC-014-1_R3.

D. Compliance

1. Compliance Monitoring Process

1.1. Compliance Monitoring Responsibility

Compliance Monitor: NERC.

1.2. Compliance Monitoring Period and Reset Timeframe

On request (within 30 calendar days.)

1.3. Data Retention

None specified.

1.4. Additional Compliance Information

None.

2. Levels of Non-Compliance

2.1. Level 1: The summary (or detailed) Regional RAS assessment is missing one of the items listed in Reliability Standard PRC-014-1_R3.

2.2. Level 2: The summary (or detailed) Regional RAS assessment is missing two of the items listed in Reliability Standard PRC-014-1_3.

2.3. Level 3: The summary (or detailed) Regional RAS assessment is missing three of the items listed in Reliability Standard PRC-014-1_R3.

2.4. Level 4: The summary (or detailed) Regional RAS assessment is missing more than three of the items listed in Reliability Standard PRC-014-1_R3 or was not provided.

E. Regional Differences

1. None identified.

Version History

| Version | Date | Action | Change Tracking |
|---------|-------------------|---------------------------------------|--|
| 0 | April 1, 2005 | Effective Date | New |
| 1 | November 13, 2014 | Adopted by the NERC Board of Trustees | Replaced references to Special Protection System and SPS with Remedial Action Scheme and RAS |