

A. Introduction

- 1. Title:** **Analysis and Reporting of Transmission Protection System Misoperations**
- 2. Number:** PRC-004-0
- 3. Purpose:** To ensure all transmission protection system misoperations are analyzed for cause and corrective action and maintenance and testing programs are developed and implemented.
- 4. Applicability:**
 - 4.1.** Transmission Owner
 - 4.2.** Generator Owner that owns a transmission protection system
 - 4.3.** Distribution Provider that owns a transmission protection system
- 5. Effective Date:** April 1, 2005

B. Requirements

- R1.** The Transmission Owner, Generator Owner, and Distribution Provider that owns a transmission protection system shall analyze all protection system misoperations and shall take corrective actions to avoid future misoperations.
- R2.** The Transmission Owner, Generator Owner, and Distribution Provider that owns a transmission protection system shall provide to its affected Regional Reliability Organization and NERC on request (within 30 calendar days) documentation of the misoperations analyses and corrective actions according to the Regional Reliability Organization's procedures of Reliability Standard PRC-003-0_R1.

C. Measures

- M1.** The Transmission Owner, Generator Owner, and Distribution Provider that owns a transmission protection system shall have evidence it analyzed its protection system misoperation(s) and took corrective action(s) to avoid future misoperations.
- M2.** The Transmission Owner, Generator Owner, and Distribution Provider that owns a transmission protection system shall have evidence it provided documentation of its protection system misoperations, analyses, and corrective action(s) according to the Regional Reliability Organization procedures of Reliability Standard PRC-003-0_R1.

D. Compliance

- 1. Compliance Monitoring Process**
 - 1.1. Compliance Monitoring Responsibility**

Compliance Monitor: Regional Reliability Organization.
 - 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:** Documentation of transmission protection system misoperations is complete according to Reliability Standard PRC-003-0_R1, but documentation of corrective actions taken for all identified misoperations is incomplete.
- 2.2. Level 2:** Documentation of corrective actions taken for misoperations is complete, but documentation of transmission protection system misoperations is incomplete according to Reliability Standard PRC-003-0_R1.
- 2.3. Level 3:** Documentation of misoperations and corrective actions is incomplete.
- 2.4. Level 4:** No documentation of misoperations or corrective actions was provided.

E. Regional Differences

- 1.** None identified.

Version History

Version	Date	Action	Change Tracking
0	April 1, 2005	Effective Date	New