

Compliance Application Notice — 0029

Compliance Application: PRC-004¹ R1, R2 and R3 Misoperations

Posted [DATE]

Primary Interest Groups

NERC

Regional Entities (RE)

Transmission Owners (TO)

Generator Owners (GO)

Distribution Providers that own a Transmission Protection System (DP)

Issue: Does development of the common reporting template implemented by Electric Reliability Organization (ERO)-Reliability Assessment and Performance Analysis (RAPA) in 2011 modify the way in which compliance with PRC-004-1 will be measured?

NERC received a request for clarification regarding whether entities must develop and implement Corrective Action Plans (CAPs) for, and maintain a record of, all Misoperations or only those that must be reported to NERC/RAPA.

Reliability Objective

The reliability objective is to ensure all transmission and generation Protection System Misoperations affecting the reliability of the Bulk Power System (BPS) are analyzed and mitigated.

Background

PRC-004-1 Measures M1, M2 and M3 state that each TO, DP and GO shall have evidence that it analyzed its Protection System Misoperations and developed and implemented CAPs to avoid future Misoperations of a similar nature within or across their entire organization and not just limited to the area effect by the current location of the misoperation.

¹ This CAN is in effect for PRC-004 Versions 1, 1a, 2 and PRC-004-WECC-1 and will remain in effect until the issue is addressed by a future version of the standard. In Canada, this CAN is in effect for applicable versions of PRC-004 pursuant to each Canadian Province's corresponding Memorandum of Understanding (MOU), which may be accessed on the NERC Web site.

Compliance Application

The revised Misoperation reporting guidelines, implemented by ERO-RAPA in 2011, do not modify or negate the requirements under PRC-004-1, in which entities must analyze and develop a corrective action plan for Protection System Misoperations. Entities must continue to develop and implement CAPs for all Misoperations and maintain a record of all Misoperations in accordance with regional procedures.

Effective Period for CAN

This CAN is effective upon posting on the NERC web site and will remain in effect until such time that a future version of the standard or interpretation addresses this specific issue and is enforceable. CAN-0029 could be superseded by a future CAN that addresses this particular Standard and Requirement. Project 2010-05 will clarify the definition of Misoperation in a revised standard.

Providing Evidence of Compliance

Entities must provide proof that a Corrective Action Plan (CAP) was implemented in response to a Misoperation, and must provide a record of all Misoperations.

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This document is designed to convey compliance guidance from NERC's various activities. It is not intended to establish new requirements under NERC's Reliability Standards or to modify the requirements in any existing NERC Reliability Standards. Compliance will continue to be determined based on language in the NERC Reliability Standards as they may be amended from time to time. Implementation of this compliance application notice is not a substitute for compliance with requirements in NERC's Reliability Standards.