



NORTHEAST POWER COORDINATING COUNCIL, INC.
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Procedure for Analysis and Reporting of Protection System Misoperations

Revised - September 22, 2021

Approved by the Task Force on System Protection on September 22, 2021

1.0 **Introduction**

Analysis of Protection System operations occurring on the Bulk Electric System (BES), as defined by NERC, shall be undertaken and the required information shall be supplied to NERC in accordance Section 1600 Misoperation Data Request.

2.0 **Information to be Recorded and Reported**

All BES Protection System Misoperations shall be analyzed to determine the cause and the corrective action to be taken as required by the latest version of NERC Standards PRC-004.

The information to be recorded and reported for each Misoperation shall be in accordance with the format and template developed by NERC. Each owner shall keep a record of the required information for each Misoperation and report to NERC in a manner and schedule as directed by Section 1600 Data Request.

The NPCC Protection System Misoperation Review Working Group, SP-7, will review all BES Protection System Misoperations on behalf of TFSP and the Chair of SP-7 will report to TFSP at each meeting in accordance with SP-7 Terms of Reference (work scope). For Misoperation causes involving relay system malfunctions, the review will confirm that mitigation is defined and scheduled in order reduce the potential for Misoperation recurrence.

If any analysis conducted by the reporting entity or SP-7 indicates that an addition, clarification, or modification to the NPCC Protection Criteria, Directories, Guides or Procedures should be considered, a report must be furnished to the Task Force on System Protection (TFSP) as soon as possible. NPCC Staff may bring Protection System Misoperation or event reports of special interest to the attention of TFSP. In addition, TFSP members who are aware of an incident of general interest should report it to the TFSP at its next scheduled meeting.

Prepared by: Task Force on System Protection

Review frequency: 3 years

References: NERC Glossary of Terms
NERC Reliability Standards PRC-004-6
MIDAS Reporting Template
NPCC Protection System Misoperation Review Working Group Scope, SP-7