

**APPROVED MINUTES**  
**MIDWEST RELIABILITY ORGANIZATION**  
**PROTECTIVE RELAY TASK FORCE**  
Holiday Inn Downtown – Winnipeg, MB  
August 2, 2007 – 1:00pm – 5:00pm  
August 3, 2007 – 8:00am – 1:00pm

**1. Welcome - Deven Bhan**

- a. *Determination of Quorum*
- b. *Agenda Additions.*
- c. *Review MRO Policy and Procedure 4*

Chair Bhan called the meeting of the Midwest Reliability Organization (MRO) Protective Relay Task Force (PRTF) to order at 1:00pm CST August 2, 2007.

The following attendees, guests, and MRO Staff were present:

**Members:**

Steve Mittlesteadt, BEP	Terry Hopkins, DPC
Mark Peterson, GRE	Don Raveling, Vice Chair, MDU
Ding Lin, MH	David Bisel, MP Steve Wadas, NPPD
Ron McIvor, OPPD	Len Yee, SPC
Deven Bhan, Chair, WAPA	Richard Quest, Xcel

**Members Absent:**

Russ Miller, ALT	Keith Orsted, ATC
Ken Birt, MEC	

**Guests:** Dede Subakti, MISO

**Staff:**

Mari Ann Baden	Adam Flink
Dan Jesberg (via phone)	Andrew Lucero, Secretary
John Seidel, Alt. Secretary	

- Chair Bhan and Secretary Lucero determined that a quorum was present.
- Chair Bhan reviewed the agenda items for the meeting and called for any additions to the agenda.
- Pursuant to MRO Policy 4, Chair Bhan reviewed the Standards of Conduct and Anti-Trust Guidelines with the Committee.
- Mr. Seidel introduced Mr. Jesberg, a new MRO employee.

**2. Approve Minutes of June 5-6, 2007 Meeting**

*Upon motion duly made by Mr. Hopkins and seconded by Mr. Yee the PRTF approved the June 5-6, 2007 minutes as written.*

**3. Update on PRC-002-01 Procedure – Comments Received**

Dan Jesberg

The PRTF thoroughly reviewed all of the comments submitted by the MRO Members. Each comment was taken under consideration and PRC-002-1 was edited during the meeting. The procedure will be sent to the MRO Reliability Assessment Committee for approval.

Chair Bhan called for a recess at 3:00pm.  
The meeting reconvened at 3:18pm.

PRC-002-1 minor edits continued until near the end of the day and will be completed on August 3, 2007.

**Action Item:**

1. Sec. Lucero suggested a provision to be included in PRC-002-1 which would allow companies to request exceptions to the requirement where it was thought by the member to have been met requirements in some other manner.

Item 6 was addressed (see details below).

Agenda item priorities were set for the August 3 meeting.

Chair Bhan recessed the meeting at 5:10pm until 8:00am, August 3, 2007.

**August 3, 2007**

Chair Bhan called the meeting to order at 8:04am, August 3, 2007.

The PRTF considered the idea of drafting exceptions language to PRC-002-1 and decided that since the both FERC and NERC have avenues to request exceptions to their requirements there should be no need for the MRO to do the same. The group agreed and no changes were made in this regard.

Agenda Item 3 was resumed. Final revisions were made to PRC-002-1 as agreed upon by the MRO PRTF.

**Action Item:**

1. The newly revised draft will be reviewed for formatting by the MRO staff.
2. Alt. Sec. Seidel will send the clean draft to the MRO Reliability Assessment Committee for the ten (10) day commenting period.

**4. Update on Approval Process for procedures**

John Seidel

Mr. Seidel gave a review of the current proposed approval process steps for a procedure. The RAC will finalize its process in the near term. The PRTF will be following this process as the development of requirements for the PRC procedures continues.

**5. Special Protection Systems**

**a. Update on Joint PRTF/TAS/MISO SPS Review Team (SPSRT)**

Andrew Lucero, John Seidel

Mr. Seidel stated that the Stone Lake SPS had been approved by the TAS and is therefore approved. He further shared the process developed by the SPSRT to proceed with the review of future SPS submissions. The TAS has agreed to participate in the process. An SPSRT has been created which includes three members each from the TAS and PRTF plus one representative from MISO, as was originally suggested by the PRTF. The SPSRT has also added timing to the process which was

lacking on PRC-012. In the future, this group will review all SPS's and make recommendations to the MRO for MRO approval.

- b. Review of RFC Definition of SPS and Package Requirements John Seidel  
Mr. Seidel presented the RFC definition of SPSs that has been included in their documentation. The MRO PRTF may want to include a similar definition as they proceed with the development of PRC-013, -014, and -015. Currently, the MRO follows the definition written in the NERC Glossary of Terms.

**Action Item:**

- 1. Chair Bhan will solicit opinions and processes from the other regions as to their definition of an SPS for PRC-002-1 and report back to the group.

- c. One-Line Diagram for Stone Lake SPS Richard Quest  
Mr. Quest handed out the Stone Lake diagram to the group for review. The Stone Lake SPS had been approved by the PRTF and the MRO Transmission Assessment subcommittee prior to this meeting. This diagram completes the requirement of the contingent approval received by Xcel at the previous PRTF meeting.

- d. SPS Database Review Dan Jesberg, John Seidel  
Mr. Seidel and Mr. Jesberg gave an overview of the MRO's process for compiling and evaluating the SPS information for which Mr. Jesberg will maintain the database.

The meeting was recessed at 10:20am.

Chair Bhan reconvened the meeting at 10:33am.

- e. NERC-SPCTF discussions SPS Redundancy question Deven Bhan  
Chair Bhan presented the discussion minutes from NERC-SPCTF. Some regions operate without redundancy for 24 hours. It was suggested that opp-guides should cover these situations. MISO should be notified when SPS's are out of service. Mr. Lin requested that Chair Bhan bring to the SPCTF's attention the fact that the meeting minutes need to be posted for public review.

**Action Item:**

- 1. Mr. Lucero will solicit comments from the MRO Transmission Assessment Subcommittee regarding redundancy of SPSs. WECC requirements should also be reviewed.

**6. Review Maintenance White Paper Draft 5 – Discussion**

FERC has rejected NERC's first draft of PRC-005 and it is being redrafted with a Standard Approval Request (SAR) already issued by FERC on the matter. It was agreed to table this discussion until the SAR has been posted. At this time, the PRTF will make comments and decide the format as to how they will be submitted to FERC.

**7. Review and approve the latest drafts on MRO guidelines for PRC-012, PRC-013, and PRC-014.**

Ding Lin, Len Yee, Keith Orsted

PRC-012 will be updated with the SPS Review process. The procedure along with PRC-014 will be reviewed at the September 24 meeting. PRC-013 is a database and will be reviewed at the September meeting.

**Action Item:**

1. Mr. Lin, Mr. Yee and Mr. Orsted will update the draft of PRC-012 and PRC-014 and send them to the group for review prior to the next meeting.

**8. Update on Proposal PRTF to become permanent Sub-Committee**

Deven Bhan, John Seidel

The draft letter requesting permanent Subcommittee status for the PRTF was sent to the group prior to the meeting. The PRTF held a brief discussion.

*Upon motion duly made by Mr. Yee and seconded by Mr. Raveling the PRTF approved the letter as written.*

**Action Item:**

1. Mr. Seidel will forward the letter to Hoa Nguyen, Chair of the MRO Reliability Assessment Committee for their approval.

**9. NERC SAR Project Update**

- a. Comments – First Draft of SAR for NERC Project 2007-06 – System Protection Coordination MRO comments Don Raveling, John Siedel
- b. Comments –First Draft of for NERC Project 2007-17 Deven Bhan
- c. Discussions on MRO comments at SPCTF-NERC Deven Bhan

Chair Bhan presented and reviewed the process for NERC SAR and the MRO comments to the projects listed above. Chair Bhan expressed his opinion that the MRO had made good comments which also represent the PRTF's views.

**10. Mis-operations**

- a. First Quarter Review Adam Flink/ Dan Jesberg
- b. Second Quarter Results – Due July 31, 2007 Dan Jesberg  
All but 3 companies of 30 responded on time for the second quarter reporting. The suggestion was made to provide an additional tab to the spreadsheet with a checklist which would include the following:
  1. Companies submitted
  2. Date submitted
  3. Comments (i.e. – formatting issues)
  4. Information submitted correctly

Positive feedback was given on the review process that is in place.

It was agreed by the PRTF that the 2007 First Quarter misoperations review team will serve for one year. The team for the remainder of 2007 will be Mr. Wadas, Mr. McIvor, and Mr. Birt. It was further agreed, that the Mis-operations reviewing teams will stand for one year rather than changing quarterly. A new team will be formed for the year 2008.

**Action Item:**

1. Mr. Jesberg will make the revisions as listed above to the mis-operations spreadsheet.

2. Sec. Lucero will send out a new schedule reflecting the change in term of the Mis-operations reporting teams.

**11. Miscellaneous:**

- a. MRO update John Seidel  
There were no updates at this time.
- b. Auto-reclosing practices in MRO: Review progress Russ Miller  
Mr. Miller was not in attendance.
- c. SPCTF Update Deven Bhan  
Chair Bhan did not have an update at this time.
- d. Thermal rating of transmission lines, scaling factors –Review Progress  
Steve Mittelsteadt, Don Raveling and Russ Miller  
Mr. Mittelsteadt did not have anything to report at this time.
- e. Significant relay Mis-Operations – technical discussions  
This agenda item was covered during Agenda Item 5.
- f. PRC standards related other work Don Raveling, Deven Bhan  
This agenda item was move to the next meeting.
- g. Other

**12. Next Meeting**

September 24-25 (Monday-Tuesday)  
November 27-28 (Tuesday-Wednesday)

Bloomington, MN  
Bloomington, MN

**13. Adjourn**

*Upon motion duly made by Mr. Raveling and seconded by Mr. Lin the August 2007 PRTF meeting was adjourned at 12:30pm.*