

MINUTES
MIDWEST RELIABILITY ORGANIZATION
Joint Meeting of
Transmission Assessment Subcommittee
And
Protective Relay Subcommittee
 Holiday Inn Select, Bloomington, MN
 July 15, 2009 – 9:00 AM to 3:00 PM

1. Call to Order

Chairman Torgerson called the joint meeting of the Midwest Reliability Organization (MRO) Transmission Assessment Subcommittee (TAS) and Protective Relay Subcommittee to order at 8:59 AM.

2. Determination of Quorum

The following members and guests were present or as designated:

TAS Members Present:	
Terry Torgerson, DPC, TAS Chairperson	Zhixin (Lee) Miao, MISO Liaison (by phone)
Wenchun Zhu, ATC	Jason Weiers, OTP
David Diakiw, MHEB	Brian Brownlow, (NPPD) (by phone)
Dave Kempf, GRE	John Seidel, Alternate TAS Secretary
Dan Belk, WAPA	Bill Kunkel, TAS Secretary
Wayne Guttormson, SPC	Dale Catherall, ITC (by phone)
Peter Schommer, MP	
TAS Members Not Present:	
Jeff Hart, MEC	Jay Caspary, SPP Liaison
Pete Koegel, PAC Liaison	Dennis Kimm, PAC Liaison
Ray Mason, RFC Liaison	
Guests:	

PRS Members Present:	
Ding Lin, MHEB	Mike Gates, ITC
Mark Peterson, GRE	David Bisel, MP
Keith Orsted, ATC	Terry Hopkins, DPC
Richard Quest, PAC Liason, (XCEL)	Don Raveling, MDU
Dan Jesberg, PRS Secretary	John Seidel, Alternate PRS Secretary

PRS Members Not Present:	
Len Yee, SPC	Deven Bahn, WAPA, Chairperson
Ken Birt, MEC	Ron McIver, OPPD
Dede Subakti, MISO Liason	Steve Mittelsteadt, RTC Liason
Guests:	
Robert Frank, MDU	

3. **Standards of Conduct and Anti-Trust Guidelines**

Chairman Torgerson reviewed the Standards of Conduct and Anti-Trust guidelines with the group.

4. **Consent Agenda**

a. **Agenda additions with discussion**

Terry T. informed the group that they would take up agenda item 6 and return to items 4.a., 5, and the remainder of the agenda this afternoon after the business requiring the presence of the PRS is complete. Terry inquired if there were any changes to the proposed agenda, hearing none the group proceeded to discuss agenda item 6.

b. **Approve Minutes of the January 27, 2009 Meeting**

Upon Motion duly made by David K. and seconded by Peter S., the TAS approved the January 27, 2009 minutes with the agreed to changes.

5. **Chair's Report**

Terry T. inquired if any of the members have considered taking the vice-chair position. No one volunteered at this time. Terry will contact some of the members and a vice chair will be identified at the next meeting.

6. **Joint PRS/TAS meeting to discuss the SPSRT**

a. **SPS Review Team Schedule**

Dan J. reviewed the SPSRT schedule. Several SPS reviews have been completed and several are in process. The SPSRT schedule is posted on the FTP site.

b. **SPSRT Membership**

Don R. will be leaving the SPSRT, Keith O. has been identified (volunteered) to be the new SPSRT member to fill Don's vacancy.

Discussion followed regarding rotation of SPSRT members. New members for 2010 need to be identified by 4th quarter 2009 so they may observe a review prior to their participation in a review.

c. **Procedural modifications for the review of existing SPS's**

Don R. explained the SPS review process for the group and commented that he believes it is working well. Terry T suggested that perhaps the first conference call (SPSRT members only) could be replaced by email communication. Some discussion followed with no strong support for making changes to the process at this time.

d. **SPS definition and discussion of declassifying certain SPS**

Terry T. explained that some of the SPSs that have been reviewed do not seem to be an SPS. The SPSRT wants to know how an SPS can be declassified.

Some reasons the SPSRT believe an SPS should be declassified:

An SPS may provide special protection but is not a NERC SPS.

The SPS redundancy may be operator action.

Failure of the SPS will not lead to a violation of the TPL standards.

The group decided that if the SPSRT team feels a protection system is not a NERC SPS they can notify the owner of the SPS why they believe it is not an SPS. It is then up to the SPS owner to decide if they want to take actions to declassify the SPS.

e. **MRO Status on the procedures for SPS review**

John S. briefly explained to the group that going forward MRO staff will have authority to finalize procedures that are logistics or administrative oriented in nature.

Staff will still rely on members input to develop these procedures. Procedures that establish criteria for a NERC Board approved Standard will continue be developed and fully vetted through the stakeholder process.

f. **Kewaunee Bank T10 Discussion**

g. **Edgewater SPS Discussion**

Items f and g were discussed together. Don R gave a brief description of each of the SPSs.

The Kewaunee Bank T10 SPS protects a transformer from an overload condition which can also be managed by operator action. The Edgewater SPS is very similar but the protected element is a 138 kV transmission line were operator action cannot manage the overload before a violation would occur. Each of these SPSs rely on a single set of CT's which lack redundancy. The SPSRT believe that in the case of the Kewaunee Bank T10 SPS this is not an issue since a TPL violation will not result if the SPS fails to operate. However, if the Edgewater SPS fails there will likely be a TPL violation.

The SPSRT has prepared a letter to the owner of the Kewaunee Bank T10 SPS notifying them that the SPS meets the requirements of the NERC standard based on the fact that the lack of redundancy does not result in a TPL violation.

The SPSRT has prepared a letter to the owner of the Edgewater SPS notifying them that the SPS does not meet the requirements of the NERC standard based on the fact

that the lack of redundancy could result in a TPL violation. The owner is advised to modify the SPS to be redundant.

*Upon **Motion duly made** by Don R. and seconded by ???., the TAS and PRS approved sending the prepared letters to the owners of the Kewaunee Bank T10 SPS and the owner of the Edgewater SPS.*

7. RAC Activities—John Seidel

Wenchun Z. gave a brief update on the RAC activities. There are no immediate issues for the TAS to address at this time.

8. ERAG 2009 summer assessment update – Salva Andiappan

Salva A. was not able to attend the meeting, no update was given.

9. 2009 model building update – Adam Flink

Adam F. gave an update on the MRO model building efforts. The final power flow model will be posted later this week after pass six IDEVs have been verified and run. Any additional changes to the power flow received after the final models have been posted will be posted as IDEVs.

The Midwest ISO should be delivering the Dynamics model in the next 2 – 3 weeks. Salva A. will be sending contingency files to the TAS for updates in the near future.

10. Other Business:

None.

11. Next Meetings:

The next face to face meeting will be on October 20, 2009, 9:00 am – 5:00 pm, Site TBD, with a conference call(s) to be scheduled as required for the Winter Assessment review:

12. Adjourn

*Upon **Motion duly made** by Jason W. and seconded by Dave K. and unanimously approved by the TAS the meeting was adjourned at approximately 1:18 PM.*

Prepared and submitted by:
Bill Kunkel, TAS Sec.