

Minutes of the Security Advisory Council (SAC) Meeting

MRO Offices, St. Paul, MN

September 27, 2018 from 8:00 a.m. to 10:00 a.m.

1. Call to Order and Introductions

Council Chair John Hochevar called the meeting to order 8:01 a.m. and introductions were made. He extended a warm welcome to meeting attendees. Chair Hochevar went over the determination of Quorum and Estee Kolles, MRO Security Administrator determined that a quorum was present. A complete list of attendees is included as Exhibit A in the agenda packet. Pursuant to Policy and Procedure 4, MRO's Standards of Conduct, Conflict of Interest and Anti-Trust Guidelines were presented.

2. Consent Agenda

- a. Approve Agenda. Chair Hochevar reviewed the agenda for today's meeting. Chair Hochevar added an agenda item to discuss seats that will be changing for the Security Advisory Council and CIPC. No other additions were made to the agenda.

Upon a motion duly made and seconded, the MRO SAC unanimously approved the agenda for today's meeting, as amended.

- b. Action Item Review. Estee Kolles, MRO Security Administrator, reviewed the action item log with the council. Discussion ensued.

3. Administrative Matters/Organizational Documents

- a. 2018 Work Plan Updates. Estee Kolles, MRO Security Administrator, reviewed the 2018 work plan with the council. Chair Hochevar discussed the possibility of having a supply chain webinar and cloud webinar to provide guidance on the region. Chair Hochevar asked people in attendance if the SAC should hold off and wait for national guidance before providing guidance on this topic. It was recommended to hold off and wait for them to be discussed at the national level. Future webinar topics were discussed and will be finalized at a later time. MRO SAC Members discussed changes to newsletter articles and updating work plan to match who provided the newsletter. Chair Hochevar proposed adding an action item to the quarter 4 SAC meeting to discuss the 2019 Security Conference and work plan. Discussion ensued.

Action Item: Additional SAC Members to be added to action items to update and complete.

Action Item: Setting up a future webinar on ArnorText, from Mike Kraft, MRO SAC Member tentatively set for November.

Action Item: Setting up a future webinar learning from cybersecurity close calls, from Brian Kollmansberger, MRO SAC Member.

4. Project Updates



- a. Webinar Updates. Chair Hochevar asked Warren LaPlante, MRO SAC Member, to provide any feedback on the Lessons Learned FERC-Led CIP Reliability Audit webinar. LaPlante highlighted that the focus was to highlight good sound security practices not just NERC standards. Overall thought was that the webinar went well.

Chair Hochevar asked Vice Chair Jodi Jensen for her take on the Secure SCADA Protocol webinar. Vice Chair Jensen said that she spoke with other individuals on the webinar and they thought it was technical, which was to be expected, but that is something to keep in mind. The protocol is intriguing because it can be used to and adapted to serial communications and be used in conjunction with quantum encryptions. Discussion ensued.

Chair Hochevar asked Steve Brown, MRO SAC Member, for an update on the physical hardening webinar. Brown stated that everything is on track.

- b. Weekly Threat Call. Chair Hochevar asked Mike Kraft for an update. Kraft discussed that there has been positive feedback and no negative feedback on the change of the threat call time change. Registration is continuing to grow with a variety of participants. Discussion with the guideline will come out and this is a TLP: WHITE/TLP:GREEN, and if we want to get to TLP:AMBER. The reason for this threat call is to hear what is going on with regional entities. Discussion ensued. A question was asked if there has been any conversation about having a threat call with the governmental agencies. Kraft stated there have not been, but that is something for future discussion.

5. MRO Security Conference Review

Steen Fjalstad stated that there were about 150 in person and about 90 on the webinar. It was one of the largest conferences MRO has hosted. Fjalstad highlighted some of the feedback from the conference, such as bring in a new round of speakers and topics for 2019, look into an executive session for the leaders, and have a more technical and/or manager level session. Discussion ensued. The SAC would like to see more technical trainings, workshops, and earlier organization of the conference. Overall, the conference was successful.

6. NERC Critical Infrastructure Protection Committee (CIPC) Report

Marc Child, MRO Representative and member of the NERC CIPC, provided an update on the last quarterly CIPC meeting. He discussed the members and the CIPC org chart. The GridEx working group is moving more towards management by the E-ISAC and less direct involvement from the CIPC. Child briefed the SAC on the supply chain risk report sent to NERC & FERC, that involves the open letter to vendors, testing with the Idaho National Lab for legacy systems, and that there is potential for six new guidelines with a shortened format. The CIPC should produce small documents on cloud services, secure hardware delivery, provenance of the thing you just bought, and more. He wants CIPC to get these products out faster and in front of asset owners. Discussion ensued.

7. Partner Updates

- a. ICCP Security. Discussion.

Paul Skare, Chief Cyber Security Program Manager Electricity Infrastructure, EI&B Energy and Environmental Directorate Pacific Northwest National Laboratory, the convener of leading working



group 19 and IECTC-57 Explained that working group 7 has been disbanded, so working group 19 has taken over maintenance for the secure ICCP Standard Skare stated the key question trying to be answered is “why are U.S. utilities not using the secure ICCP standard, when virtually all the EMS systems that are being delivered have the ICCP security built into them.” Skare is working with the Department of Energy (DOE) on a new project that has the potential to replace ICCP. The new project Universal Utility Data Exchange (UUDEX) is being funded by the DOE. Discussion Ensued.

8. Other Business

Chair Hochevar discussed the seats that are changing within the SAC and CIPC. There will be one voting and one alternate CIPC seats expiring at the end of the year.

The SAC has one seat open because of the resignation of a SAC Member. That seat will expire at the end of 2019. There are also three expiring regular seats that will need to be filled, along with six additional seats that have been created as a part of the organizational group restructuring. That brings the total number of open seats for 2019 to 10. Steen discussed the formation and the board level organizational oversight committee that will oversee the councils. The SAC should continue to spread the word on getting individuals to serve on the council. Discussion ensued.

9. Action Item Review

Estee Kolles, MRO Security Administrator, reviewed the action items captured during today’s meeting with the council.

10. Adjourn

Having no further business to discuss, Chair Hochevar adjourned the meeting at 9:59 a.m.

Prepared by: Estee Kolles, MRO Security Administrator – Your signature represents independent verification that what the minutes say happened, did actually happen.

Reviewed and Submitted by: Steen Fjalstad, Security Mitigation and Principal.

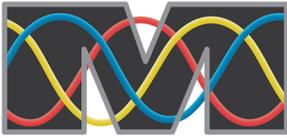


Exhibit A – Meeting Attendees

Council Members Present	
Name	Organization
John Hochevar, SAC Chair	American Transmission Company, LLC
Jodi Jensen, SAC Vice Chair	Western Area Power Administration
Mike Kraft	Basin Electric Power Cooperative
Justin Haar	Minnkota Power Cooperative
Warren LaPlante	Minnesota Power
Brian Kollmansberger	Alliant Energy
Tim Anderson	Dairyland Power Cooperative
Stephen Brown	Xcel Energy
MRO Staff	
Name	Title
Steen Fjalstad	Security and Mitigation Principal
Estee Kolles	Security Administrator
Desiree Sawyer	Compliance Monitoring Coordinator
Bill Steiner	Director of Risk Assessment and Mitigation
Guests	
Name	Organization
Michael Bailey	American Electric Power
Troy Brumfield	American Transmission Company
Larry Brusseau	Corn Belt Power Cooperative
Marc Child	Great River Energy
Shawn Eck	The Empire District Electric Company
John Knofczynski	East River Electric Power Cooperative



Lloyd Linke	Western Area Power Administration
Michael Olson	East River Electric Power Cooperative
Chuck Wicklund	Otter Tail Power Company
Rich Kruthoff	Missouri River Energy Services
Mark Lucas	Great River Energy
Paul Skare	Pacific Northwest National Laboratory
Paul Mehlhaff	Sunflower Electric Power Corporation
Curtis Reule	Montana-Dakota Utilities Company
Daniel Graham	Basin Electric Power Cooperative
Doug Brown	Lincoln Electric System
Jim Rigg	Lincoln Electric System
Doug Johnson	American Transmission Company
Mark Lucas	Great River Energy
Matt Lembarbre	Xcel Energy
Rick Stava	Omaha Public Power District
Chuch Wasinger	Sunflower Electric Power Corporation
Joe Petaski	Manitoba Hydro
Armin Boschman	Manitoba Hydro