

Minutes Critical Infrastructure Protection Committee

March 18–19, 2009
Phoenix Convention Center
100 N 3rd Street
Phoenix, Arizona

A regular meeting of the Critical Infrastructure Protection Committee (CIPC) was held on March 18–19, 2009 in Phoenix Arizona. The agenda is attached as **Exhibit A**.

Chairman Barry Lawson presided.

Secretary Johnson announced a quorum of 26 members (possible number of 30) was present or represented by proxy.

- Charles Abell for Boyd Nation
- John Lim for Chuck Noble
- Brad Hyland for Bob Richhart
- Brian Hogue for Jean-Guy Ouimet

Antitrust Guidelines

Secretary Johnson reviewed the NERC Antitrust Guidelines. Any questions or concerns can be addressed to Secretary Johnson or NERC Counsel David Cook.

Introductions of Members, Alternates, Associates and Guests

Everyone present introduced themselves.

Logistics

Secretary Johnson reviewed the meeting arrangements, site requirements and agenda adjustments.

Parliamentary Procedures

Secretary Johnson indicated Robert's Rules of Order would be used in the conduct of the meeting.

Approval of Agenda

The agenda was approved on a motion by Robert McClanahan, seconded and a vote of 26–0 by CIPC.

Approval of Minutes

The December 2008 meeting minutes were not completed so no action was taken on previous meeting minutes.

Information Items

1. Executive Committee Report (**Presentation 1**)
 - a. Introductory Comments – Chairman Lawson welcomed the attendees and briefly reviewed the meeting agenda, highlights and the desired outcomes from the meeting.
 - b. NERC Board of Trustees Meeting – Chairman Lawson presented highlights from the February 10, 2009 NERC Board of Trustees Meeting. He discussed the planning underway for a joint meeting of the CIPC-EC and the Electricity Sector Steering Group (ESSG).
 - c. Electricity Sector Coordinating Council and Partnership for Critical Infrastructure Security (PCIS) Update – Chairman Lawson discussed the recent activities of the council and the PCIS. Focus continues to be on the new administration and cyber security.
 - d. NERC OC, PC, and CIPC Meetings – Chair Lawson updated CIPC on NERC’s continuing effort to reduce costs and the ongoing evaluation of standing committee meetings. Additional changes may be discussed.
 - e. Aurora Update – Chair Lawson updated CIPC on the FERC follow-up activity on the Aurora vulnerability. He indicated the conference calls with utilities were close to completion but any additional steps were unclear.
2. NERC/ES-ISAC Update
 - a. Tim Roxey Introduction – Mike Assante introduced Tim Roxey as the new manager of Critical Infrastructure Protection at NERC. Tim will be the new secretary of CIPC, effective with the June meeting.
 - b. Cyber Vulnerability Assessment – Tim Roxey briefly discussed the early planning for the Cyber Vulnerability Assessment project. He indicated the assessments would be voluntary, table top, sophisticated, challenging and would occur starting in late summer. Interested companies were encouraged to contact Mike or Tim.
 - c. CIP Standards Update – Scott Mix presented an update on the activities of the drafting team working on modifying CIP-002 to 009 in response to FERC Order 706. The team has met its goal of addressing the top priority issues with version 2 standards and they are on their way to the industry for comment and the industry vote will be occurring in the late spring. It is expected they will be approved by the NERC Board in the summer of 2009, after the required industry voting. The team will continue to work on other changes required by FERC Order 706 after the version 2 standards are approved. Scott reviewed the potential for a significant number of guidelines to be written as directed in FERC Order 706. CIPC’s role in

the guideline preparation is unclear, however, CIPC did offer to develop guidelines as per an assignment by the 706 drafting team/Standards Committee.

- d. Violation Severity Level Update – Larry Bugh reviewed the progress of the team working on the Violation Severity Levels (VSL’s) for the CIP standards. The VSL’s are expected to go out for vote in the summer.
- e. NERC Alert Process – Mike Assante updated CIPC on the recently issued NERC Alerts. Mike announced a contract had been signed with a vendor to develop an improved NERC Alert tool. The result will be a more secure, robust, timely and flexible tool. Mike indicated WebEx’s would be held to help educate and inform the electricity sector about NERC Alerts and the role of NERC, FERC and the asset owners.
- f. Boreas Working Group Update – Tim Roxey provided an update to CIPC on the progress of the Boreas Working Group (BWG). The BWG has nearly completed work on several documents for the electricity sector. NERC will issue the documents to the sector.
- g. Recent BPS Incidents – Stan Johnson reviewed recent major events on the BPS. The events were routine in nature and no discussion occurred.

Security Operating

- 3. ES-ISAC Working Group – Larry Bugh presented a brief report to CIPC. He reported the role of the working group is likely to change dramatically with the changing role of the ES-ISAC and the future of the working group is uncertain.
- 4. Outreach Working Group – It was announced that the CIPC-EC had decided to disband this working group as it did not have any active assignments.

Security Planning

- 5. Security Guidelines Working Group (continued in **Presentation 2**) – Scott Weber led a discussion about CIPC security guidelines. The lengthy discussion was a valuable review of the history of the guidelines, what has changed and what the future of the CIPC Security guidelines should be. After hearing the input, the CIPC-EC took on the assignment to bring a security guideline proposal to the CIPC at a future meeting regarding which guidelines should be retired, revised, etc.
- 6. Control Systems Security Working Group – Mark Engels updated CIPC on the activity of the working group. He reported the Time Stamping guideline would be posted for the 60 day industry comment period soon. A problem with processing comments posted to the NERC Web site had prevented that step from occurring after the December CIPC vote to have it posted.
- 7. Risk Assessment Working Group – Greg Fraser updated CIPC on the activity of the working group. He recommended and moved the approval of the Critical Asset Identification Guideline for industry comment. A second was received and the motion

passed 26–0. He reported the working group would soon begin to work on the Critical Cyber Asset Identification Guideline.

Electro Magnetic Pulse

Dr. Michael J Frankel, Executive Director of the EMP Commission made a presentation to CIPC about the EMP report to Congress. The purpose of the presentation was to educate CIPC and for CIPC to consider the report. Dr. Frankel’s presentation also contained information about solar geomagnetic storms, a closely related threat to the reliable operation of the BPS. After discussion, CIPC agreed to the following course of action;

- NERC CSO Mike Assante would be the NERC point person to closely follow this rapidly developing area
- EMP and solar geomagnetic storms would be included in the upcoming NERC/DOE workshop on low frequency, high consequence threats to the BPS
- The NERC Operating Committee would be consulted to determine the current status of the review of the operating procedures used during solar storms.

Agency Reports

8. Department of Homeland Security – Cathy Eade reminded CIPC of the information that was available on the Homeland Security Information Network (HSIN). Cathy also discussed the process to obtain a security clearance.
9. Department of Energy – Jim McGlone presented a briefing about the DOE VERDE tool.
10. Public Safety Canada – Mr. Tim O’Neil and Ms. Chantal Beahen made a presentation about the CIP partnership between government and asset owners in Canada.
11. Federal Energy Regulatory Commission – No report

Closing

Upcoming CIPC meetings were discussed

- June 11–12, 2009 Toronto, Ontario
- September 17–18, 2009 Dallas, Texas
- December 9-10, 2009 Atlanta, Georgia

Barry Lawson thanked everyone for their attendance and participation and declared the meeting adjourned.

Submitted by,

Stan Johnson

Manager, Situation Awareness

Agenda Critical Infrastructure Protection Committee

March 18, 2009 | 1–5 p.m.
March 19, 2009 | 8 a.m. –12 p.m.
Phoenix Convention Center
100 N 3rd Street
Phoenix, Arizona 85004

Administrative Matters

Antitrust Compliance Guidelines

*1. Minutes

- [December 3, 2008 Meeting](#)

Regular Agenda

3. Information Items

- a) CIPC Executive Committee Report — Barry Lawson
 1. Board of Trustees Highlights — Barry Lawson
 2. Electricity Sector Coordinating Council and PCIS Update — Barry Lawson
 3. Washington D.C. Update — Barry Lawson
- b) NERC/ES-ISAC
 1. NERC Update — Michael Assante
 - a. Introduce Tim Roxey
 - b. CIP Initiatives — Cyber Vulnerability Assessment,
 - c. ESSG Update
 - i. Tier 1 and Tier 2 Critical Assets
 - ii. NIPP-Energy Sector Specific Plan Update
 - d. ES-ISAC Update

2. CIP Standards Update — Scott Mix
 - a. Standard Drafting Team
 - b. Guidelines-- FERC Order 706
 - c. Version 1 Violation Severity Level Update — Larry Bugh
 3. NERC Alert Process — Michael Assante
 - a. Recent Activity
 - b. Planned Improvements
 - c. Boreas Working Group Update
 4. Recent BPS Incidents — Stan Johnson
 5. Situation Awareness for FERC, NERC, Regions-SAFNR — Stan Johnson
 6. North American Synchro Phasor Initiative — CIP Issues — Scott Mix
4. **Security Operating**
- a) ES-ISAC Working Group — Larry Bugh
 1. CIPIS II Planning
 2. Path Forward
5. **Security Planning**
- a) Security Guidelines Working Group — Scott Webber
 1. Security Guidelines Discussion
 - b) Control Systems Security Working Group — Mark Engels
 1. Work in Progress
 - c) Risk Assessment Working Group — Greg Fraser
 - *1. Critical Asset Identification Guideline
Approval for Posting for Industry Comment
 2. Discussion
 3. Path Forward/Next Steps
6. **Electro Magnetic Pulse** — Michael Frankel, EMP Commission Executive Director
7. **Agency Reports**
- a) Department of Homeland Security
 - b) Department of Energy (Verde Briefing) — Jim McGlone
 - c) Public Safety Canada/Royal Canadian Mounted Police
 - d) Federal Energy Regulatory Commission

8. Closing

- a) Follow-up Items and Future Actions — Barry Lawson
- b) 2009 Future Meetings — Stan Johnson
 - June 11–12 (Toronto, Ontario)
 - September 17–18 (Dallas, Texas)
 - December 10–11 (Atlanta, Georgia)

* Background material included