



## **Critical Infrastructure Protection Committee Meeting**

June 20-21, 2006  
Arlington, Virginia

### **Meeting Minutes**

A regular meeting of the Critical Infrastructure Protection Committee (CIPC) was held on June 20–21, 2006 in Arlington, Virginia. Meeting presentations that are publicly available may be found at: <http://www.nerc.com/~filez/cipmin.html>.

Chairman Stuart Brindley presided.

Secretary Stanley Johnson announced that a quorum was present and confirmed the following proxies:

- 1) Brad Hyland for Barry Lawson
- 2) Theron Wilson for Bob Richart
- 3) Brian Hogue for Bruce Metruck
- 4) R. Scott Heffentrager for Tom Bowe
- 5) Edwin Stowe for Walter Johnson
- 6) Mark Engels for Jay Cribb (September 21 only)

### **Antitrust Guidelines**

The secretary reviewed the NERC Antitrust Compliance Guidelines.

### **Introductions**

The committee members and guests introduced themselves.

### **Logistics**

The secretary reviewed the meeting arrangements, site requirements, and agenda adjustments.

### **Parliamentary Procedures**

The secretary reminded the attendees of the use of proper parliamentary procedures.

### **Agenda**

The CIPC members approved the meeting agenda moved by Bob Beahm, seconded and passed with no dissenting votes (30-0).

### **Minutes**

The CIPC members approved the minutes of the March 16–17, 2006 meeting, moved by James Sample, seconded and passed with no dissenting votes (30-0).

## **CIPC Executive Committee Report and Actions**

Linda Nappier has been named the new chair of the Control Systems Security Working Group. Tom Flowers was thanked by CIPC for his significant leadership of this important position.

The NERC Board of Trustees unanimously adopted the standards CIP0-002 through CIP-009, stating that these standards are “major and significant”.

Meetings of the Electricity Sector Coordinating Council (ESCC) have established paths forward to complete the Electricity Sector (ES) portion of the Energy Sector Specific Plan of the National Infrastructure Protection Plan (NIPP). Discussions have occurred with the Government Energy Coordinating Council regarding policy for setting the threat alert levels (physical and cyber) for the ES.

Stuart Brindley described the Critical Infrastructure Protection Advisory Council (CIPAC) concept and the Partnership for Critical Infrastructure Security (PCIS) and the relationships with government agencies, other sectors, and the Information Sharing and Analysis Centers (ISAC) Council.

The ESCC put forth a motion, moved by Roger Lampila, seconded, and CIPC passed with no dissenting votes (30-0).

- Include the National Mining Association (NMA) as a non-voting member of the ESCC.

Attendees at the DHS cleared briefing conducted the morning of June 20, 2006 are requested to provide quality comments (with no specifics on any classified materials) to Stan Johnson at Stan.Johnson@nerc.net; the intent is to learn from each session to provide input for subsequent briefings.

## **NERC Report**

NERC continues on a fast track to complete its reorganization and office build-out. Six functional areas of the organization have been delineated. Situation Awareness, one of the areas, is under continued development including delineation of duties and tools. NERC staff will increase from 55 to 80 by the end of 2007.

## **FERC Staff Report on NERC 1200 Standards**

Regis Binder reported on the Federal Energy Regulatory Commission (FERC) staff review of the NERC Cyber Security Standards (version-1200). Discussion ensued on the replacement standards, CIP-002-009. The existing CIP-001 deals with physical security incident reporting. CIP-008 deals with cyber security incident reporting.

## **ESISAC Report**

The ESISAC has been involved in the ERCOT event of April 2006, the Amtrak event of May 2006, the TOPOFF-4 Command Post Exercise, and several hurricane preparedness exercises. Interest remains focused on the copper and aluminum thefts from electrical facilities. A suggestion was received to develop a guideline for the proper method to approach a photographer who may be conducting surveillance on a critical facility.

## **Lou Leffler Retirement and Recognition**

All attendees rose in a thunderous standing ovation in recognition of Lou Leffler’s enormous contribution to NERC and the entire industry. Lou’s retirement will leave a huge void. His tireless, unselfish commitment to his work, his associates, and his family is a shining example for all to admire

and emulate. He was presented with a plaque as a small token of the esteem in which he is held by all who had the pleasure to work with him. All attendees wished him a long, healthy, and happy retirement.

### **ERO Update**

FERC is presently reviewing NERC's application to be designated as the electric reliability organization. Approval was expected in late July (subsequently received). A great deal of work remains to be completed in the following areas:

- Standards approvals
- Budget process
- Revenue collection
- Governance
- Compliance enforcement
- Delegation agreements with regions.

The intent is to have the ERO operational by January 1, 2007 with the standards enforcement process operational by June 1, 2007.

### **Cyber Security Standard Education Team**

The team has been meeting to organize the CIP-002-009 training materials and workshops. There will be three modules:

1. Introduction to NERC and standards; to be developed by NERC and presented via four or five Webex two-hour sessions during August 2006.
2. Understanding the standards.
3. Audit compliance.

Modules two and three will be presented at ten workshops beginning in late August and running through early December 2006. The schedule is below.

### **CSSET Modules Two and Three Workshops**

Aug 31–Sept 1	Vancouver, BC
Sept 21–22	Hartford, CT
Sept 28–29	Minneapolis, MN
Oct 5–6	Dallas, TX
Oct 12–13	Toronto, ON
<del>Oct 19–20</del>	<del>Washington DC</del> <b>RESCHEDULED January 2007</b>
Oct 26–27	St. Louis, MO
Nov 2–3	Atlanta, GA
Nov 9–10	San Diego, CA
Nov 16–17	SKIP – no workshop
Nov 30–Dec 1	Tampa, FL

## **Control Systems Security Working Group**

The CSSWG work plan (included in agenda materials) has been revised to include focus on development of a security guideline on incident response. Additional efforts on security guidelines and reference documents are included in the plan.

CSSWG is engaging with the US Cyber Consequences Unit regarding a draft Cyber Security Checklist.

CSSWG offered the following motion, moved by Tom Glock, seconded, and CIPC approved with no dissenting votes (30-0):

- The Critical Infrastructure Protection Committee recommends that the North American Electric Reliability Council (NERC) endorse the Roadmap to Secure Control Systems in the Energy Sector and provide an active role in guiding the implementation of the Roadmap.

## **Indications, Analysis, and Warnings Working Group**

Chuck Noble reported, for chair, Larry Bugh.

The IAW program is under detailed revision. The work plan (included in agenda materials) is aggressive leading to a revised program together with legal documents for CIPC approval by June 2007. A summary will be provided at the December 2006 CIPC meeting.

The possibility of a future related standard was suggested. The working group will also develop associated roles for the ESISAC.

## **Reporting Technology Working Group**

Nancy Wong, DHS Preparedness/Infrastructure Partnerships Division, presented on Suspicious Activity Reporting with emphasis on how information is used and protected. Ms Wong discussed information sharing and the facets that go beyond intelligence information to cover hurricane response and natural disasters of all kinds. An analysis of information sharing and submitter controls is expected to be completed by August 2006.

It was noted that the Department of Energy (DOE) is the sector specific agency for the ES and will be involved in the DHS Protected Critical Infrastructure Information (PCII) program. We expect that the DOE will be able to receive Form-417 reports via porting through the HSIN. This will allow for ease of electronic submission of these reports in a timely manner with access only to those authorized.

Julie Silberger, Josh Canary, Carlos Kizzee, and Patrick Ansaldi discussed the current status of the HSIN technologically and legally. It will be possible to seamlessly link between CI sector HSIN portals to which an individual is authorized. Connectivity will include the US-CERT and the DHS LLIS portals for those so registered.

Authorization for an individual within an ES entity to use the HSIN-ES will be controlled by the ESISAC. The authentication and authorization process will be similar to that currently in use for the NERC Critical Infrastructure Protection Information System (CIPIS) and will be considerably more rigorous, including means to control continued access and password updating; documentation will be developed.

Regarding DHS PCII, the HSIN-ES DHS form will contain PCII protection automatically; the “free-form” will provide the opportunity to request PCII protection. In either case PCII applies to the DHS. Submitters may select other recipients of information (e.g., and not limited to: Reliability Coordinators, Balancing Authorities, ES CIP community), but these will not have PCII application.

Discussion ensued regarding the ability to use the HSIN-ES to send information to other entities (e.g., and not limited to state and provincial authorities). This was referred to the Indications, Analysis, and Warnings Working Group to provide guidance on applicability of such sharing for the ES. The Reporting Technologies Working Group will examine technology regarding the submitters’ choice of to whom reports posted to HSIN-ES will be transmitted. This will include consideration of the FERC, DOE, Canadian and other US government agencies, and provincial and state agencies.

There are some Canadian ES entities that cannot use the HSIN-ES at this time due to legal constraints. The existing CIPIS will continue in service as a NERC system for some time. NERC Staff will assure that double reporting will not be required and that all recipients receive information submitted to them. Likewise the porting with the Reliability Coordinators Information System (RCIS) will be developed.

Motion 2 in the agenda (Item 4 b1a) was moved by Carl Eng, seconded, and passed 27-0 with 3 abstentions.

CIPC approves the following HSIN-ES implementation plan:

- A. Allow registration and training of users, commencing in July 2006.
- B. Approved users will be allowed access to the HSIN-ES on a non-production (test) basis.
- C. The CIPC will be requested to approve commercial operation of HSIN-ES at the September 2006 CIPC meeting, assuming satisfactory resolution of PCII coverage, protection, and originator control of data submitted via HSIN-ES.
- D. Commercial operation of HSIN-ES would then commence on October 1, 2006 in parallel with the existing CIPIS.
- E. Success of the HSIN-ES will be judged at the December 2006 CIPC meeting with a subsequent motion for approval to discontinue the existing CIPIS operation effective January 01, 2007.

It is recognized that the dates in the above motion are suggested targets that are subject to subsequent motions.

Motion 1 in the agenda (item 4b1a) was moved by Carl Eng, seconded, and passed by CIPC: 21 yes, 6 no, 3 abstentions:

- CIPC approves the HSIN-ES End User Agreement for use in granting access to the HSIN-ES.

The HSIN-ES End Use Agreement (EUA) is intended to assure due diligence in use of HSIN-ES by DHS and the ES. There are no therein stated reporting requirements. The EUA was previously commented on by some CIPC members; comments were included in the agreement in the agenda materials for the June 2006 meeting.

David Cook, NERC Vice President and General Counsel reported on the status of the HSIN-ES Memorandum of Understanding (MOU) between DHS and NERC. This was discussed and agreed to by CIPC at the March 2006 meeting. The MOU is now in the final stages of signing by both DHS and NERC.

Kevin Perry moved the following:

- CIPIS users will be registered in HSIN using the vetting criteria to be developed by the IAWWG. HSIN-ES is to remain in the test mode until the new vetting criteria is approved by CIPC.

The motion was seconded and passed 29-0.

### **Pandemic Update**

Dr. Ann Norwood, U.S. Department of Homeland Security, made an excellent presentation, “Pressures of Pandemic Influenza: Preparing for the Work Force.”

### **Incident Reporting**

Susan Soloman, Federal Bureau of Investigation, made a disturbing presentation on eco-terrorism and its implications to the electricity sector.

### **Rapid Transmission Restoration — Gridsureance**

Dr. Keith Lindsey, President of Lindsey Manufacturing Company, made a wonderful presentation on the use of his firm’s unique pylon structures. The pylons have been successfully used around the world to accelerate the restoration of damaged transmission towers. He is advocating a national program to implement this technology more broadly in the U.S.

### **Agency Reports**

Due to the late hour and other time pressures, no agency reports were mentioned.

### **Closing**

Chairman Brindley closed the meeting at 4:00 pm on June 21, 2006

### **Future Meetings**

September 14–15, 2006: Cambridge, MA (with AGA/EEI)

December 6–8, 2006: Houston, Texas or Tampa, FL (with NERC).

March 22–23, 2007: San Francisco or San Diego

June 14–15, 2007: Vancouver, BC

September 13–14, 2007: TBD

December 6–7, 2007: TBD

Respectfully submitted,

Stanley L. Johnson  
NERC Staff