



NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL

Princeton Forrestal Village, 116-390 Village Boulevard, Princeton, New Jersey 08540-5731

Critical Infrastructure Protection Committee Meeting

December 8–9, 2005
St. Petersburg, Florida

Highlights

Actions by Motion

1. December 8–9, 2005 agenda approved.
2. September 29–30, 2005 meeting minutes approved.
3. Accept Nominating Committee slate for the Critical Infrastructure Protection Committee (CIPC) Executive Committee.
4. Approve Control Systems Security Working Group work plan.
5. Approve the document, Potential Mitigation Strategies for the Common Vulnerabilities of Control Systems.
6. Approve CIPC Working Group and Task Force Organization and Procedures.

CIPC Executive Committee 2006–2007

In accordance with NERC procedures the CIPC Executive Committee for the two-year period commencing January 1, 2006 will be:

CIPC Chair:	Stuart Brindley
CIPC Vice Chair:	Pat Laird
CIPC Vice Chair:	Barry Lawson
Cyber Security:	Larry Bugh
Physical Security:	Bob Canada
Operations:	Tom Glock
Policy:	Roger Lampila
Secretary:	Stan Johnson.

CIPC Executive Committee Report

Stuart Brindley reported that work continues on development for private-sector government collaboration using the proposed legal framework of the sector partnership model. The Electricity Sector Coordinating Council (ESCC) had previously been appointed and meets with the Energy Government Coordinating Council.

CIPC membership for the period January 2006 through December 2007 is under review by the NERC regional managers and the designated associations.

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The ESCC submitted comments on the draft Energy Sector Specific National Infrastructure Protection Plan (NIPP). Individuals have submitted comments on the draft Base NIPP. Concerns were expressed for excessive detail, unsubstantiated need for certain specific information, and insufficient focus on mitigation and recovery segments of security planning. Opportunity to comment on the revised Base NIPP will be provided during a short period in early 2006.

The CIPC Working Group and Task Force Organization and Procedures document was approved with an addition to help assure that the working groups and task forces remain actively engaged in the critical work they do for the CIPC.

The Executive Committee authorized a task force to support the Risk Assessment Working Group and the Control Systems Security Working Group in development of “ground truth” related to the implications to the electricity sector of attacks on the bulk electric system control systems. Roger Lampila will chair the task force that will develop a scope to include the expectations for the project, collaboration with the NERC Operating Committee, and studies with asset owners and operators, and the involved National Laboratories.

Electricity Sector Information Sharing and Analysis Center

Work continues with the Telecommunications Electric Power Interdependencies Task Force (that reports to the National Security Telecommunications Advisory Committee) regarding the mutual interdependencies including priority restoration issues.

The National Infrastructure Advisory Council Intelligence Coordination Study Group is working among many intelligence agencies and private sectors to determine the needed information input, including subject matter expertise, to the agencies, the requisite security information to the private sectors, and the most effective enabling mechanisms. The Homeland Security Information Network (HSIN) is considered to be a primary (among others) communications vehicle.

Bulk electric system situational awareness is becoming key to work in the sector for the government agencies and the sector entities. Much work is yet to be done regarding what awareness is required, from whom, to whom, mechanisms, frequency, and timeliness.

The electronic tagging incident that occurred in August 2005 has been studied and a report prepared (with the significant support of Jeff Dagle) for the electricity sector.

A study of the bulk electric system dependence on the Internet is being proposed.

The Department of Homeland Security (DHS) exercise Cyber Storm will be conducted in February 2006. Several electricity sector entities will participate.

Electric Reliability Organization (ERO)

Gerry Cauley presented a thorough update on the status of the ERO development. Key to CIPC are the expected needs for bulk electric system situational awareness, infrastructure security, event analysis, and information sharing.

Homeland Security Information Network (HSIN)

Julie Silberger, Carlos Kizzee, Patrick Ansaldi, Greg Holland, and representatives of the DHS including the Protected Critical Infrastructure Information Office who are involved in the development and deployment of HSIN, updated on the current project status. The DHS and NERC are developing a memorandum of understanding regarding how HSIN submissions will be protected. An end user agreement is also being written to guide HSIN users. The laws were explained including the exemptions to FOIA, the passing of submitted information to other agencies, recurring submissions, and submitter control of input and subsequent use thereof. The intent is to finalize all documentation, mechanics, and user registration process for formal approval at the March 2006 CIPC meeting. Following that, the HSIN implementation including registration and training will proceed. There will be a logical tie between the Reliability Coordinator Information System and HSIN, for HSIN information only, to facilitate use by the Reliability Coordinators. CIPC gave a general consensus that the approach appears on track and will take action as indicated. HSIN will be used during the Cyber Storm exercise.

Cyber Security Standards

Larry Bugh updated CIPC on the package of standards known as CIP-002-1 through CIP-009-1. The drafting team has been working with great diligence to process the standards with the input from the Electricity Sector. The current plan is to post for the 30-day pre-ballot period on January 16, 2006. The initial ballot will commence February 15, 2006. Given final approval by the ballot body, the NERC Board of Trustees will be asked to adopt the standards at their meeting on May 2, 2006, with an effective date of June 1, 2006. The implementation plan details the expected times for compliance over the next several years.

Outreach

Wally Johnson reported on the working group deliberations regarding the very important outreach required to all involved entities to which the Cyber Security Standards will apply. This is considerably more complex than the outreach done for the Standard 1200. The program may contain segments starting with general awareness, on a regional basis. The steering committee for this outreach will seek support from the Standard 1200 Education Team, the Cyber Security Standard Drafting Team, and others. Outside support may be recommended.

Control Systems Security

Tom Flowers presented the Control Systems Security Working Group work plan for 2006. CIPC approved this document with recognition that the active participants list is being updated.

The Potential Mitigation Strategies for the Common Vulnerabilities of Control Systems were presented. The mitigations for each of the ten vulnerabilities are described as foundational, intermediate, and advanced. This work will be given wide dissemination within the electricity sector and will be a publicly available document. The working group is now engaged in developing an update of this document for the current time frame.

Electricity sector entities engaged in the security of control systems are encouraged to consider participation in the 2006 SCADA Security Summit, March 2–3, 2006 in Orlando, FL.

Critical Spares

Primary focus at this time is on the Edison Electric Institute Spare Transformer Equipment Program (STEP) and the NERC Spare Equipment Database (SED).

Security Guidelines

Seiki Harada discussed the current program status. The incoming chair of the SGWG is Scott McCoy.

Indications, Analysis and Warning (IAW) Program

Larry Bugh reported that the updated IAW program document has been signed by NERC and the DHS. The total program review is expected to be presented to CIPC for the June 2006 meeting.

Crisis Response

Tom Bowe reported that a standard operating procedure to support the ESISAC will be presented to the CIPC for the March 2006 meeting.

Laptop Thefts

Presentations were made on experiences with the subject. Stan Johnson reported on a reference document that discusses good practices for consideration by the electricity sector. Comments on the draft paper should be sent to Stan. The document will be distributed to the sector.

Computer Intrusion Detection Systems

An excellent presentation on the state of the art regarding automated intrusion detection was made to the CIPC.

Avian Flu Pandemic Preparedness

Stan Johnson reported on the proposed reference document, Avian Flu Pandemic Preparedness and Response Reference Guide. The document will be submitted to CIPC for email ballot to approve with subsequent distribution to the Electricity Sector.

Appreciation

CIPC expressed its appreciation to Jamey Sample for his service on the CIPC Executive Committee. CIPC expressed its appreciation to Ted Heller for his leadership in development of the NERC reference document: Risk-Assessment Methodologies for Use in the Electric Utility Industry.

Presentations

Presentations made during the meeting are available at the NERC web site under public or private files as specified by the authors.