



**NY Power
Authority**

**Canal
Corporation**

**MINUTES OF THE REGULAR MEETING
OF THE
CYBER & PHYSICAL SECURITY COMMITTEE
July 27, 2021**

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Minutes of the regular meeting of the New York Power Authority Cyber and Physical Security Committee held at the Clarence D. Rappleyea Building, 123 Main Street White Plains, NY, at approximately 8:30 a.m.

Members of the Cyber & Physical Security Committee present were:

Michael Balboni - Chairman

John R. Koelmel

Eugene L. Nicandri

Tracy B. McKibben

Dennis Trainor

Bethaida González

Anthony Picente, Jr. (excused)

Also in attendance were:

Gil Quiniones	President and Chief Executive Officer
Joseph Kessler	Executive Vice President & Chief Operations Officer
Justin Driscoll	Executive Vice President & General Counsel
Adam Barsky	Executive Vice President & Chief Financial Officer
Kristine Pizzo	Executive Vice President & Chief HR and Administrative Officer
Sarah Salati	Executive Vice President & Chief Commercial Officer
Robert Piascik	Chief Information & Technology Officer
Yves Noel	Senior Vice President – Strategy & Corporate Development
Keith Hayes	Senior Vice President – Clean Energy Solutions
Daniella Piper	Vice President – Digital Transformation / Chief of Staff
Karen Delince	Vice President & Corporate Secretary
Eric Meyers	Vice President & Chief Information Security Officer
Joseph Leary	Vice President – Community & Government Relations
Saul Rojas	Vice President – Enterprise Resilience
John Canale	Vice President – Strategic Supply Management
Lawrence Mallory	Senior Director – Physical Security & Crisis Management
Adrienne Lotto	Senior Director – Energy Security & Resilience Programs
Victor Costanza	Senior Director – Configuration Control and Deputy CISO
Lorna Johnson	Senior Associate Corporate Secretary
Sheila Quatrocci	Associate Corporate Secretary
Andrea Kelli Higgs	Associate Corporate Secretary

Chairman Balboni presided over the meeting. Corporate Secretary Delince kept the Minutes.

Introduction

Committee Chair, Michael Balboni, welcomed the committee members and the Authority's senior staff to the meeting. He said that the meeting had been duly noticed as required by the Open Meetings Law and called the meeting to order pursuant to Section B(4) of the Cyber and Physical Security Committee Charter.

1. Adoption of the July 27, 2021 Proposed Meeting Agenda

On motion made by Member John Koelmel and seconded by Member Tracy McKibben, the July 27, 2021 meeting agenda was unanimously adopted.

2. Motion to Conduct an Executive Session

On motion duly made by Member Koelmel, seconded by Member McKibben, and unanimously adopted, an Executive Session was held pursuant to the Public Officers Law of the State of New York §105 to discuss matters regarding public safety and security.

3. Motion to Resume Meeting in Open Session

On motion made by Member Koelmel, seconded by Member McKibben, and unanimously adopted, the meeting resumed in Open Session.

Chairman Balboni stated no votes were taken during the Executive Session.

4. DISCUSSION AGENDA

a. Cyber Security Update

Mr. Eric Meyers, Vice President and Chief Information Security Officer, presented the Cyber Security Update, which focused on prevention, detection, and response.

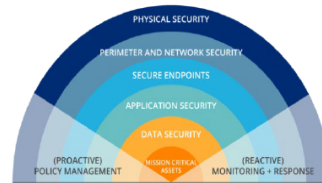
Since last reported in January 2021, the Cyber Team completed a reorganization which emphasized capabilities and process optimizations. The Authority's Cyber Security Program has broadened its focus on three key elements: applying key principles and architecture, leveraging cyber operations, and building a partnership-based ecosystem.

Coordinating with government agencies, industry partners, and the Army Cyber Institute (ACI) at the U.S. Military Academy at West Point, will allow NYPA to share intelligence and leverage best practices across borders. Additionally, applying the tri-tiered "Zero Trust" philosophy of verifying every user, validating every device, and intelligently limiting access, while layering defense with multi-factor authentications, will raise the overall level of cyber resilience.



Cyber Security Program Recap – Prevention, Detection, & Response

- Apply Key Principles & Architecture
 - “Zero Trust” - Verify explicitly, Least Privileges, Assume breach
 - Layered “Defense in Depth” Security Architecture
- Continue to Leverage and build upon our Cyber Ops capabilities in 2021 to monitor, detect, and minimize threats
 - Restructured cyber security in Q1 for improved focus, efficiency
 - New access management strategy
- Leverage and build Partner Ecosystem to share intelligence & coordinate – *can't do it alone*



Threat Landscape Update

- Continued stream of widespread, high-profile vulnerabilities/intrusions:
 - Colonial Pipeline ransomware
 - Kaseya supply chain ransomware
 - Microsoft “PrintNightmare”
 - Do not expect the situation to ease up any time soon
- Our Actions:
 - Coordinating with State, Federal, industry partners to learn/share intelligence & best practices
 - Continuous evaluation and upgrade of cyber security portfolio
 - Enhanced resiliency and recovery testing

Even if the profit motive behind ransomware diminishes over time, the risk of destructive cyber events does not as other motives exist

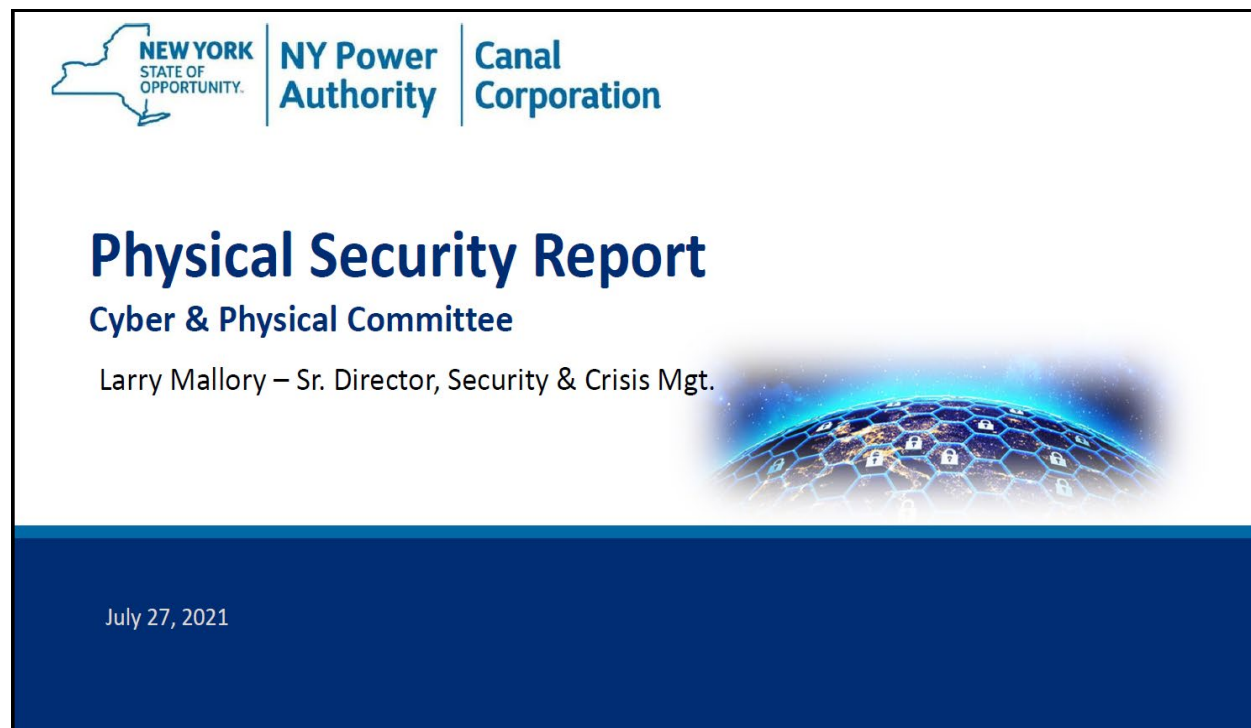
b. Physical Security Update

Mr. Larry Mallory, Sr. Director, Security & Crisis Management, presented the Physical Security Report, which highlighted some external partnerships and recent activities.

Since last reported in January 2021, the Physical Security Team has been working with state and federal agencies, and industry partners. One of our partners in the NYS Office of Counterterrorism visited the Zeltmann Power Project in support of their requirement to generate a report on the state of utility security. The Zeltmann Power Project was the last NYPA site visit on the Office of Counterterrorism's list and the findings will be detailed in a report that will be published in the middle of next year. That program encompasses physical security, cybersecurity, operations, technology, and crisis management. It also provides opportunities to test systems and receive feedback; all in support of the resilience program.

The Physical Security Team received a briefing from the Cybersecurity and Infrastructure Security Agency (CISA) specific to both NYPA and Canals. The federal authority, the Department of Homeland Security, and its partners, reviewed some of the plans, policies, and procedures utilized by NYPA and Canals, and also provided feedback and opportunities for growth. They also collaborated with the Northeast Power Coordinating Council (NPCC), which encompasses part of Canada, and the American Gas Association (AGA). Best practices were shared across sectors and the broad conversation covered design basis, threat process, and NYPA's COVID response.

The Committee requested that staff develop a ransomware tabletop exercise for the members.



Physical Security Brief



- ZELTMANN POWER PROJECT (SENY) Site Visit & Inspection
- New York State Executive Law, Article 26 §713, §714, and §716 mandate the Division to perform periodic security reviews of the energy, chemical, and pipeline industries and provide a report on the effectiveness of security regulations and practices



CYBERSECURITY & INFRASTRUCTURE SECURITY AGENCY

- NYPA & Canals Information Sharing & Sector Threat Brief
- NYPA / Canals Overview
 - Physical
 - Cyber
 - OT
- Energy Sector Threat Assessment
- General Threat Brief



- Cross Sector Brief from American Gas Association Security & Operations Team.
- Design Basis Threat Discussion
- COVID Response Benchmarking

5. CONSENT AGENDA

On motion made by Member Koelmel and seconded by Member McKibben, the Consent Agenda was adopted.

a. Adoption of the Minutes of the Regular Meeting held on January 26, 2021

On motion made and seconded, the Minutes of the New York Power Authority Cyber & Physical Security committee meeting held on January 26, 2021 were unanimously adopted.

6. Next Meeting

Chairman Balboni said that the next regular meeting of the Cyber and Physical Security Committee will be held on a date and at a time to be determined.

Closing

On motion made by Member Nicandri and seconded by Member McKibben, by unanimous vote, the meeting was adjourned by Chairman Balboni at approximately 8:58 a.m.

Karen Delince

Karen Delince
Corporate Secretary