



Quarterly Business Meeting

May 21, 2020

NIAC The President's National
Infrastructure Advisory Council



CICC Follow-On Analysis: Status Update Quarterly Business Meeting

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Agenda

- ▶ National Security Council (NSC) Guidance and Study Approach
- ▶ Working Group Members
- ▶ Interviews Conducted
- ▶ Next Steps
- ▶ Questions

NSC Guidance and Study Approach

▶ **Guidance:** Conduct follow-on analysis to:

1. Demonstrate the value the CICC could provide
2. Identify challenges that must be addressed
3. Recommend an approach to achieve CICC operational functionality

▶ **Approach:** NIAC's 6-Member Working Group will:

- Conduct briefings with key organizations
- Conduct interviews with senior leaders in government and industry
- Supplement interviews and briefings with focused research
- Conduct work sessions to identify key themes and ultimately develop recommendations

Working Group Members

- ▶ **J. Rich Baich**, Chief Information Security Officer, AIG (Co-Chair)
- ▶ **Richard H. Ledgett, Jr.**, Former Deputy Director of the National Security Agency (Co-Chair)
- ▶ **William J. Fehrman**, President and CEO, Berkshire Hathaway Energy
- ▶ **Ola Sage**, Founder and CEO, CyberRx
- ▶ **Kevin Morley**, Manager, Federal Relations, American Water Works Association
- ▶ **Michael J. Wallace**, Former Vice Chairman and COO, Constellation Energy

Working Group Support

- ▶ **Sam Chanoski**, Director, Intelligence, Electricity Information Sharing and Analysis Center (E-ISAC)
- ▶ **Charles Durant**, Director of National Security Policy and Resiliency Policy Advisor, Berkshire Hathaway Energy

Interviews Conducted (1/2)

Cyberspace Solarium Commission

- ▶ **Chris Inglis**, Commissioner; Former Deputy Director, National Security Agency
- ▶ **Mark Montgomery**, Executive Director
- ▶ **John Costello**, Senior Director and Task Force Two Lead

Kansas Intelligence Fusion Center

- ▶ **Jared Hartter**, Director

United Kingdom National Cyber Security Centre

- ▶ **Ciaran Martin**, CEO

Interviews Conducted (2/2)

National Risk Management Center

- ▶ **Bob Kolasky**, Assistant Director

National Cybersecurity and Communications Integration Center

- ▶ **Kathy Kincaid**

Federal Bureau of Investigation

- ▶ **Sharon Halstead**, Deputy Senior National Intelligence Officer for Critical Infrastructure, Bureau Intelligence Council
- ▶ **Johnny Starrunner**, Information Sharing & Analysis Unit, Office of the Private Sector

Next Steps

- ▶ Continue to conduct interviews, briefings, and research
- ▶ Develop a matrix aligning CICC capabilities to existing entities' functions, authorities, and operations to help identify gaps to direct research and interviews

Questions?

Relevant Background from the 2019 Transforming the U.S. Cyber Threat Partnership Study

2019 Study Scope

Physical and Cyber Risks
to Critical Infrastructure

Cyber Risks to Critical
Infrastructure Sectors

Cyber Risks to Energy,
Finance, and
Communications Sectors

Limited Study Scope

Cyber Risks
to Entities
with National
Security
Implications

Recommendations

FOUR STRATEGIES TO RESPOND TO CATASTROPHIC CYBER RISKS

Make Cyber Intelligence Actionable

Protect Highly Critical Cyber Systems by Establishing the Federal Cybersecurity Commission

Modernize Legal Authorities to Improve Cyber Defense

Secure the Supply Chain of Sensitive Components

Make Cyber Intelligence Actionable

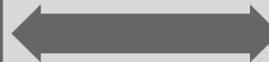
- I. **Establish the Critical Infrastructure Command Center (CICC)** to improve the real-time sharing and processing of private and public data including classified information between government intelligence analysts, cyber experts from companies at greatest risk, and key government agencies.

Make Cyber Intelligence Actionable

URGENT ACTION



INDUSTRY CYBER EXPERTS
Junior executives / Senior managers



**GOVERNMENT
INTELLIGENCE OFFICERS**

Critical Infrastructure Command Center (CICC)

Co-located on a watch floor to share classified threat information and analyze direct impacts on industry operations

Make Cyber Intelligence Actionable

2. **Direct the Intelligence Community to raise the priority** of collecting and disseminating information on efforts by nation-states to exploit, deny, or attack U.S. critical infrastructure.
3. **Conduct a one-day Top Secret/Sensitive Compartmented Information (TS/SCI) briefing to CEOs** within the energy, communications, and financial companies to reinforce the compelling case for action
4. **Use the upcoming National Level Exercise 2020 to pilot the CICC model**



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COVID-19 Pandemic Recovery

Participants

- ▶ **Brian Cavanaugh**, Special Assistant to the President and Senior Director for Resilience, National Security Council (NSC)
- ▶ **Chris Krebs**, Director, Cybersecurity and Infrastructure Security Agency
- ▶ **Dr. Georges Benjamin**, Executive Director, American Public Health Association
- ▶ **James Murren**, Chair, Nevada COVID-19 Task Force
- ▶ **Joan McDonald**, Director of Operations, Westchester County, New York
- ▶ **Chief Rhoda Mae Kerr**, Fire Chief, Fort Lauderdale Fire Department

Workforce Panel Discussion and Q&A

Moderators

- ▶ **Dr. Ed Canuel**, Director of Critical Infrastructure Policy, NSC
- ▶ **Dr. Beverly Scott**, NIAC Vice Chair

Panelists

- ▶ **Jack Clark**, Executive Director, Transportation Learning Center
- ▶ **Michael A. Innocenzo**, President and CEO, PECO
- ▶ **Chad Weikel**, Education and Workforce Manager, American Water Works Association (AWWA)