

**Webcast Title: Black Sky Hazards and Water Sector Resilience**

Webcast Date: January 23, 2018, 2pm EST

Webcast Length: 60 minute

**Overview**

The webinar featured Dr. Paul Stockton, a well-regarded expert on disaster preparedness and the implications of extended power outages. Stockton will discuss how Black Sky power outages - outages lasting a month or more and affecting multiple states - could turn a natural or manmade disaster into a catastrophe. He also addressed resilience measures and provided insight into the factors that water and wastewater utilities might consider in order to maintain minimal service levels during Black Sky outages.

Nicholas Santillo, VP Internal Audit & Chief Security Officer for American Water, provided an overview of water sector activities related to Black Sky planning.

The webinar also featured Lauren Wisniewski, an environmental engineer with the U.S. Environmental Protection Agency’s Water Security Division. Wisniewski provided an overview of EPA’s [Power Resilience Guide](https://www.epa.gov/communitywaterresilience/power-resilience-guide-water-and-wastewater-utilities). She also discussed upcoming EPA and sector activities focused on Black Sky outages and resilience.

The event was co-hosted by WaterISAC and the National Association of Water Companies.

Moderator: Donald Schumacher, Superintendent of Operations, Connecticut Water

**Goals/Objectives**

* To describe Black Sky hazards
* To inform participants about current water sector initiatives related to Black Sky mitigation
* To discuss available resources that support Black Sky mitigation

**Course materials and related materials**

The PowerPoint presentation, webinar recording and resources mentioned during the webinar are available at [www.waterisac.org/blacksky](http://www.waterisac.org/blacksky).

**Agenda**

* Introduction
* Black Sky Hazards and Water Sector Resilience (Dr. Paul Stockton)
* Water Sector Activities (Nicholas Santillo)
* Power Resilience and Black Sky Planning at Water Utilities (Lauren Wisniewski)
* Question and Answer Session (Stockton, Santillo, Wisniewski)
* Resources (WaterISAC staff)
* Conclusion

**Presenters (see included bios)**

Dr. Paul Stockton
Managing Director

Sonecon, LLC

202 393-2228

Dr. Paul Stockton is the Managing Director of Sonecon, LLC and former Assistant Secretary of Defense for Homeland Defense. He is also the author of the *Electric Grid Protection Handbook II, Volume II: Water Sector Resilience for Black Sky Events*. As Assistant Secretary, Dr. Stockton oversaw DOD’s responses to Superstorm Sandy, Deepwater Horizon and other incidents and also guided the Defense Critical Infrastructure Protection program. Dr. Stockton has been twice awarded the Department of Defense Medal for Distinguished Service and is also a recipient of the Department of Homeland Security’s Distinguished Public Service Medal.

Nicholas Santillo, CPP, PSP, PCI

VP Internal Audit & Chief Security Officer

American Water

856-310-5705

nick.santillo@amwater.com

Nick Santillo is the Vice President of Internal Audit & Chief Security Officer at American Water.He currently serves on the Water Sector Coordinating Council representing the National Association of Water Companies, and he is a member of the WaterISAC Board of Managers. He is also the current Chair of the ASIS Utilities Security Council and the Water Sector Chair of the Electric Infrastructure Security Council working on Black Sky Planning.

Lauren Wisniewski, MPH

Environmental Engineer

U.S. EPA, Water Security Division

202-564-2918

wisniewski.lauren@epa.gov

Lauren Wisniewski has worked as an environmental engineer in U.S. EPA’s Office of Water since 2002. Her efforts have focused on power resilience at water utilities, Multi-Sector Infrastructure Protection, Climate Ready Water Utilities, Active and Effective Security, Water Quality Standards, and watershed modeling. And her work has involved coordination between drinking water and wastewater utilities and state, local, and federal agencies.

**About the Water Information Sharing and Analysis Center (WaterISAC)**

WaterISAC’s mission is to provide water and wastewater utilities and the federal, state, and local government agencies responsible for water security with the information and tools needed to prevent, detect, respond to, and recover from all hazards.

WaterISAC is:

* The designated official communications/operations arm of the Water Sector Coordinating Council
* Authorized by the U.S. Congress
* A 501(c)(3) formed in 2002
* Overseen by a board of utility managers and state drinking water administrator

**Contact:**

Michael Arceneaux

WaterISAC

1620 I Street, NW, Suite 500

Washington, DC 2006

www.waterisac.org

202-331-0479

info@waterisac.org

**Presenter Bios**

**Dr. Paul Stockton**

Dr. Paul Stockton is the Managing Director of Sonecon, LLC and former Assistant Secretary of Defense for Homeland Defense. He is also the author of the *Electric Grid Protection Handbook II, Volume II: Water Sector Resilience for Black Sky Events*. As Assistant Secretary, Dr. Stockton oversaw DOD’s responses to Superstorm Sandy, Deepwater Horizon and other incidents and also guided the Defense Critical Infrastructure Protection program. Dr. Stockton has been twice awarded the Department of Defense Medal for Distinguished Service and is also a recipient of the Department of Homeland Security’s Distinguished Public Service Medal.

**Nick Santillo, Jr.**

Nick Santillo is the Vice President of Internal Audit & Chief Security Officer at American Water.He currently serves on the Water Sector Coordinating Council representing the National Association of Water Companies, and he is a member of the WaterISAC Board of Managers. He is also the current Chair of the ASIS Utilities Security Council and the Water Sector Chair of the Electric Infrastructure Security Council working on Black Sky Planning.

**Lauren Wisniewski**

Lauren Wisniewski has worked as an environmental engineer in U.S. EPA’s Office of Water since 2002. Her efforts have focused on power resilience at water utilities, Multi-Sector Infrastructure Protection, Climate Ready Water Utilities, Active and Effective Security, Water Quality Standards, and watershed modeling. And her work has involved coordination between drinking water and wastewater utilities and state, local, and federal agencies.