



U.S. Nuclear Regulatory Commission
34th ANNUAL REGULATORY
INFORMATION CONFERENCE

MARCH 8-10, 2022
Bethesda North Marriott Hotel
and Conference Center

PREPARING FOR
TOMORROW

WWW.NRC.GOV #NRCRIC2022

The Future of Incident Response: Leveraging Technology

Clay Johnson

Deputy Director, Division of Preparedness and Response (DPR)

Office of Nuclear Security and Incident Response (NSIR)



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Session Agenda

- Session Chairman's Opening Remarks
- Panelist presentations (8-10 minutes each)
- Q&A Session (10-15 minutes)
- End of formal session
- The session will remain open for an additional 15 minutes to allow informal discussions to occur between panelist and interested participants.



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Session Overview

Just as we were preparing for RIC 2020, we were all thrust into a world of isolation - and had to figure a way to make the best of it. This technical session entitled, “The Future of Incident Response: Leveraging Technology,” provides an opportunity for our distinguished panelists to give insights on their organization’s unique role in incident response and how enhanced technology and virtual connectivity are used to interact and support efforts to protect the health and safety of the public during all-hazard and radiological/nuclear events.

BK1 incident response vs. response

Brock, Kathryn, 1/6/2022



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Panelists

- Licensee:
 - Elizabeth Williford, Southern Nuclear Company (SNC)
 - Presentation:

Elizabeth Williford is the Fleet Emergency Preparedness Director for Southern Nuclear, responsible for all emergency preparedness activities for the Southern Nuclear fleet, including the new construction of Vogtle Electric Generating Plant units 3 and 4. Liz received her Senior Reactor Operator's license from Plant Farley and also served as the Regulatory Affairs Manager and Licensing Manager at Plant Farley as well as an Emergency Director. Liz received a Master's degree in Business Administration and a Bachelor's degree in mechanical engineering from the University of Alabama



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Panelists

- USNRC:
 - Victor Cusumano, Nuclear Regulatory Commission (USNRC)
 - Presentation: *NRC Experiences*

Victor Cusumano is Chief of the Technical Specifications Branch in the Office of Nuclear Reactor Regulation. Vic was a Senior Manager at Computer Sciences Corporation providing engineering support for the US Navy Guided Missile Destroyer program and the US Missile Defense Agency's AEGIS Ballistic Missile Defense program. He was also Vice President of Engineering at Belzona, Inc., an industrial chemical and coatings manufacturer. Vic is a graduate of the US Merchant Marine Academy and operated shipboard power plants as a USCG licensed engineer and is also a former US Naval Reserve officer.



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Panelists

- FEMA:
 - Christopher Vaughan, Federal Emergency Management Agency (FEMA)
 - Presentation:

Christopher Vaughan is the geospatial information officer for FEMA, advancing innovative technologies within the emergency management community. Chris is co-director for the Data and Analytics Task Force (DATF), supporting delivery of advanced modeling, technology, and analysis related to pandemic response operations. Chris has a Master of Science and a Bachelor of Arts degree from Lee University. Chris is a graduate of American University's Key Executive Leadership Certificate Program and Harvard University's National Preparedness Leadership Initiative Executive Education Program.



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Panelists

- International:
 - Florian BACIU, International Atomic Energy Agency (IAEA)
 - Presentation: