



RIC 2024 Hybrid

U.S. Nuclear Regulatory Commission
36th Annual Regulatory Information Conference

**ADAPTING TO A
CHANGING LANDSCAPE**

MARCH 12-14, 2024

Bethesda North Marriott Hotel
and Conference Center
Rockville, Maryland

#nrcric2024

www.nrc.gov

RIC 2024 Hybrid

U.S. Nuclear Regulatory Commission
36th Annual Regulatory Information Conference

MARCH 12-14, 2024

#nrcric2024
www.nrc.gov

W11

Human in the Loop: The Changing Role of Humans in New and Advanced Reactor Designs

Session Chair: David R. Desaulniers, Ph.D.
Senior Technical Advisor for Human Factors and Human Performance Evaluation
U.S. Nuclear Regulatory Commission

**ADAPTING TO A
CHANGING LANDSCAPE**

RIC 2024 Hybrid

U.S. Nuclear Regulatory Commission
36th Annual Regulatory Information Conference

MARCH 12-14, 2024

#nrcric2024
www.nrc.gov

Session Coordinators

- **Niav Hughes Green, Ph.D.**, Human Factors Psychologist, Human Factors & Reliability Branch, Division of Risk Analysis, RES/NRC
- **Stephanie Morrow, Ph.D.**, Human Factors Psychologist, Human Factors & Reliability Branch, Division of Risk Analysis, RES/NRC

**ADAPTING TO A
CHANGING LANDSCAPE**

RIC 2024 Hybrid

U.S. Nuclear Regulatory Commission
36th Annual Regulatory Information Conference

MARCH 12-14, 2024

#nrcric2024
www.nrc.gov

Our Panelists

- **Karen Priestman, P.Eng.** – Director, Design Engineering, Nuclear Promise X, Inc.
- **Richard Paese** – Digital Instrumentation & Control and Human Factors Engineering, Sargent & Lundy
- **Claire Blackett, Ph.D.** – Senior Human Factors Consultant, Risk Pilot
- **Paula Savioja-Kangasluoma, D.Sc** – Section Head, STUK Radiation and Nuclear Safety Authority

ADAPTING TO A
CHANGING LANDSCAPE

RIC 2024 Hybrid

U.S. Nuclear Regulatory Commission
36th Annual Regulatory Information Conference

MARCH 12-14, 2024

#nrcric2024
www.nrc.gov

The Question:

What is the greatest human factors challenge or opportunity we will face in the nuclear industry in the future?

ADAPTING TO A
CHANGING LANDSCAPE

RIC 2024 Hybrid

U.S. Nuclear Regulatory Commission
36th Annual Regulatory Information Conference

MARCH 12-14, 2024

#nrcric2024
www.nrc.gov

Points of Contact

- Niav.Hughes@nrc.gov
- Stephanie.Morrow@nrc.gov
- David.Desaulniers@nrc.gov

ADAPTING TO A
CHANGING LANDSCAPE