TUESDAY, April 10
7:30 a.m.–5 p.m.

7:30–8:30 a.m.
Continental Breakfast
Regency Ballroom DEF

8:30–10 a.m.
Opening Session
Regency Ballroom ABC

Strategic Risk-Informed Initiatives
Joseph Pollock- Keynote Speaker
Vice President, Nuclear Generation
Nuclear Energy Institute

U.S. Nuclear Regulatory Commission Priorities for Risk-Informed Regulation
Mike Franovich
Director, Division of Risk Assessment
U.S. Nuclear Regulatory Commission

Industry Proposal for Treatment of New Methods
Roy Linthicum
Chairman, PWROG RMSC
Exelon Corporation

10–10:30 a.m.
BREAK
Regency Ballroom DEF

10:30 a.m.–Noon
PRA Infrastructure Best Practices

Panel: Is it an Update or is it an Upgrade?
Rob Cavedo
Principal Engineer
Exelon

Mark Schairer
Senior Technical Manager
EPM

Don Vanover
Vice-President, Risk-Informed Programs
JENSEN HUGHES

Greg Kvamme
PRA Engineer
Xcel Energy

Harold Stiles
Lead Nuclear Engineer, PRA
Duke Energy Corporation

Roy Linthicum
Chairman, PWROG RMSC
Exelon Corporation

The Evolution of Fire PRA Models - Approaching a Stable State
Gene Kelly
Senior Manager, Fire PRA Models
Risk Management
Exelon Corporation

Don Vanover
Vice-President, Risk-Informed Programs
JENSEN HUGHES
TUESDAY, April 10

A New Way to Identify Risk Significant Items of Interest
Greg Zucal
Supervisor, Risk-Informed Engineering
JENSEN HUGHES

Noon–1:15 p.m.
LUNCH
Regency Ballroom DEF

1:15–2:45 p.m.
PRA Infrastructure Best Practices
Regency Ballroom ABC

Observations on Finding Closures
Jonathan Evans
Risk Analyst
U.S. Nuclear Regulatory Commission

Finding Closure, Lessons Learned
Bruce Morgen
Director, Risk Services Division
EPM

Fire PRA F&O Closure Experience
Harold Stiles
Lead Nuclear Engineer, PRA
Duke Energy Corporation

2:45–3:15 p.m.
BREAK
Regency DEF

3:15–4:45 p.m.
Fire PRA
Regency Ballroom ABC

Incipient Detection Phase 2
Harold Stiles
Lead Nuclear Engineer, PRA
Duke Energy Corporation

A Heat Soak Method for Evaluating Time to Cable Damage
Jason Floyd
Senior Engineer III
JENSEN HUGHES

Overview of Recent Testing for Wall and Corner Fire Location Factors
Francisco Joglar
Manager, Fire Risk Analysis
JENSEN HUGHES
Ashley Lindeman
Senior Technical Leader
EPRI

The Unobstructed and Obstructed Radiation Zone of Influence
Jason Floyd
Senior Engineer III
JENSEN HUGHES

5–6 p.m.
Reception
Regency DEF
WEDNESDAY, April 11

7:30 a.m.–5 p.m.  
Registration  
Regency Ballroom Foyer

7:30–8:30 a.m.  
Continental Breakfast  
Regency Ballroom DEF

8:30–10 a.m.  
Session A: Fire PRA  
Regency Ballroom A

2018–2020 Fire PRA Research Plan  
Ashley Lindeman  
Senior Technical Leader  
EPRI

Current U.S. Nuclear Regulatory Commission Fire Research Activities  
Mark Henry Salley  
Branch Chief  
U.S. Nuclear Regulatory Commission

Evaluation of Intervening Combustibles  
Tonia Enos-Sylla  
Senior Nuclear Engineer, PRA  
Duke Energy Corporation

8:30–10 a.m.  
Session B: PRA Licensing Applications  
Regency Ballroom BC

Good Practices and Lessons Learned from Recent LARs  
Mihaela Biro  
Reliability and Risk Analyst  
U.S. Nuclear Regulatory Commission

50.69 Application Status  
Heather Szews  
Risk Informed Engineering Manager  
Duke Energy Corporation

Risk-Informed Completion Times ...Being Ready to Implement  
Gene Kelly  
Senior Manager, Fire PRA Models Risk Management  
Exelon Corporation

10–10:30 a.m.  
BREAK  
Regency Ballroom DEF

10:30 a.m.–Noon  
Session A: Fire PRA  
Regency Ballroom A

Evaluating the Zone of Influence by Integrating the Transient Fire Distribution  
Jason Floyd  
Senior Engineer III  
JENSEN HUGHES
NFPA 805 Application Calculation Content
Brandi Weaver
Senior Nuclear Engineer, PRA
Duke Energy Corporation

Session A: Fire Protection Operational Optimization
Firewatch Accountability Monitoring
Alan Holder
Lead Nuclear Engineering Technologist
Duke Energy Corporation

10:30 a.m.–Noon
Session B: PRA Licensing Applications
Regency Ballroom BC

APS Audit Experience
Mark Hulet
Senior Engineer, PRA
Arizona Public Service Company

Panel: Look Before You Jump – Preparations for Risk-Informed Licensing Applications
Jeff LeClair
Project Manager
Xcel Energy
Roy Linthicum
Chairman, PWROG RMSC
Exelon Corporation

Mark Hulet
Senior Engineer, PRA
Arizona Public Service Company

Noon–1:15 p.m.
LUNCH
Regency Ballroom DEF

1:15–2:45 p.m.
Session A: Fire Protection Regulatory Opportunities
Regency Ballroom A

NFPA 805, FAQ 61 Fire Protection Changes vs Fire PRA Changes and Impact on U.S. Nuclear Regulatory Commission Inspections
Jeff Ertman
Fleet Risk Informed Fire Protection Manager
Duke Energy Corporation

Inspections Experience
Brandi Weaver
Senior Nuclear Engineer, PRA
Duke Energy Corporation

U.S. Nuclear Regulatory Commission Panel on Inspections
Jonathan Montgomery
Senior Reactor Inspector, Region II
U.S. Nuclear Regulatory Commission
Scott Shaeffer
Branch Chief, Engineering, Region II
U.S. Nuclear Regulatory Commission
Session B: Risk Informed Application Implementation
Regency Ballroom BC

Southern Nuclear Implementation of Risk Managed Technical Specifications
Pamela Burns
Senior Licensing Engineer - Risk Informed Applications
Southern

Risk Informed Projects at Xcel
Greg Kvamme
Fire PRA Lead
Xcel Energy

Jeff LeClair
Project Manager
Xcel Energy

Tom Morgan
PRA Chief Engineer
ENERCON

Fire Modeling: Successful Use Cases
Travis Weber
Consulting Engineer Fire Protection
EPM

Session A: Fire Protection Regulatory Opportunities
Regency Ballroom A

High Energy Arching Faults – Planning U.S. Nuclear Regulatory Commission Public Meeting April 18 – 19, 2018
Mark Henry Salley
Branch Chief
U.S. Nuclear Regulatory Commission

Testing to Develop a Transient Fire Distribution
Jason Floyd
Senior Engineer III
JENSEN HUGHES

Best Estimate Fire Modelling and Uncertainty Analysis Using Monte Carlo Method
Viresh Patel
Senior Risk Analysis Consultant
Jacobsen-Analytics

Lessons Learned on Use of Working Groups and Oversight Panels
Tom Cheslak
Lead Engineer
Duke Energy Corporation
WEDNESDAY, April 11

3:15–4:45 p.m.

Session B: Risk Informed Application Implementation
Regency Ballroom BC

Crediting FLEX Equipment in Risk-Informed Regulation
Matt Humberstone
Reliability and Risk Analyst
U.S. Nuclear Regulatory Commission

Fire PRA and Triennial Inspections
Harold Stiles
Lead Nuclear Engineer, PRA
Duke Energy Corporation

Engineering Issues Associated with Post NFPA-805 Modifications and Evaluations
Richard Harris
Senior PRA Engineer
ENERCON

THURSDAY, April 12

7:30 a.m.–Noon

Registration
Regency Ballroom Foyer

Continental Breakfast
Regency Ballroom DEF

8:30–10 a.m.

Session A: Fire Protection Operational Optimization
Regency Ballroom A

Panel: Remote Monitoring
Len Casella
Fire Protection Program Lead
Southern Nuclear Operating Company

Alan Holder
Lead Nuclear Engineering Technologist
Duke Energy Corporation

Robin Klearman
Manager, Licensing
Dominion Energy

Patrick Kopfle
Technology & Innovation Consultant
Dominion Energy

Marlene Taylor
Corporate Fire Protection Engineer
Exelon Corporation

Panel: NFPA Code Exemptions
John Boothroyd
Fire Protection Engineering Section Leader
Arizona Public Service

Len Casella
Fire Protection Program Lead
Southern Nuclear Operating Company

Rod Pletz
Fire Protection Specialist
American Electric Power

Tom Shudak
Fire Protection Program Manager
Nebraska Public Power District
Session B: Future of Risk-Informed Regulation  
*Regency Ballroom BC*

**Plans for Increasing U.S. Nuclear Regulatory Commission Staff Capabilities to Use Risk Information in Decision-Making Activities**  
Mike Franovich  
*Director, Division of Risk Assessment*  
U.S. Nuclear Regulatory Commission

**Perspectives on Safety Goals and Nuclear Plant Risks**  
Fernando Ferrante  
*Principal Technical Leader*  
Electric Power Research Institute

Stuart Lewis  
*Senior Consultant*  
JENSEN HUGHES

**Integrated Risk Informed Decision Making**  
Fernando Ferrante  
*Principal Technical Leader*  
Electric Power Research Institute

**Integrated Database Application in Fire PRA Process**  
Georgi Georgiev  
*Senior Risk Analysis Consultant*  
Jacobsen-Analytics

10–10:30 a.m.  
**BREAK**  
*Regency Ballroom DEF*

10:30 a.m.–Noon  
**Session A: Fire Protection Operational Optimization**  
*Regency Ballroom A*

**Results of Surveillance Optimization Evaluation for Fire Protection Equipment**  
Jeff Ertman  
Fleet Risk Informed Fire Protection Manager  
Duke Energy Corporation

**Reportability under NFPA 805**  
Nicole Jackson  
*Lead Engineer*  
Southern Nuclear Operating Company

**NFPA 805 Monitoring Operational Issues and Improvements**  
Jason Kemp  
*Fire Protection Program Manager, and Fire Protection Engineer*  
Duke Energy Corporation

**NFPA 805 B-1 Table Impacts**  
Alan Holder  
*Lead Nuclear Engineering Technologist*  
Duke Energy Corporation
Session B: Future of Risk-Informed Regulation
Regency Ballroom BC

Maintenance Rule 2.0
Steve Vaughn
Senior Project Manager, Risk and Technical Support
Nuclear Energy Institute

One Top Multi-Hazard Model Maintenance with a Common Backbone
Sandy Naccarato
Engineering Supervisor, Risk Informed Engineering
Southern Nuclear Operating Company
Greg Zucal
Supervisor, Risk-Informed Engineering
JENSEN HUGHES

Optimization of NUREG/CR-6850 Tasks
Mark Schairer
Senior Technical Manager
EPM
Bruce Morgen
Director, Risk Services Division
EPM

Brian Krystek
Senior Staff PRA Engineer
EPM