



**Public Meeting Regarding Draft Regulatory Issue Summary  
2002-22, Supplement 1, “Clarification on Endorsement of  
Nuclear Energy Institute Guidance in Designing Digital  
Upgrades in Instrumentation and Control Systems”**

January 26, 2018

Harold Chernoff, Chief  
ROP Support and Generic Communications Branch  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission



## Agenda

- Introductions and Opening Remarks
- Overview of Draft Regulatory Issue Summary (RIS)
- Stakeholder Feedback on Draft RIS
- Additional Stakeholder Feedback and Questions



## **Draft RIS Overview**

- Revised discussion of relationship of “sufficiently low likelihood” to the criteria of 10 CFR 50.59(c)(2)(i, ii, v, and vi)
- Qualitative assessment discussions supporting the 10 CFR 50.59 process separated into Sections 2, 3, and 4
- Engineering design process discussion consolidated into Section 5
- Section 6 limited to discussion of 10 CFR 50.59 documentation



## **Draft RIS Overview (continued)**

- Section 2.2 regarding 10 CFR 50.59(c)(2)(vi)
  - Expanded process discussion
  - Analysis/reanalysis of results in accordance with existing design and licensing basis methods
- Removed discussion of process for determining safety significance
- Added engineering process discussions that in some cases introduce approaches not described in NEI 01-01
- Removed “RIS Decision Tree Flowchart”



## **Stakeholder Feedback**

- Section by Section
- General Feedback



**Questions?**