

June 12, 2018

MEMORANDUM TO: Harold K. Chernoff, Chief
ROP Support and Generic Communications Branch
Division of Inspection and Regional Support
Office of Nuclear Reactor Regulation

FROM: Tekia V. Govan, Project Manager */ra/*
ROP Support and Generic Communications Branch
Division of Inspection and Regional Support
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF A CATEGORY 3 PUBLIC MEETING HELD WITH
EXTERNAL STAKEHOLDERS TO PROVIDE AN OPPORTUNITY FOR
DISCUSSION ON DRAFT REGULATORY ISSUE SUMMARY 2002-22,
SUPPLEMENT 1, "CLARIFICATION ON ENDORSEMENT OF
NUCLEAR ENERGY INSTITUTE GUIDANCE IN DESIGNING DIGITAL
UPGRADES INSTRUMENTATION AND CONTROL SYSTEMS"

On March 6, 2018, the U.S. Nuclear Regulatory Commission (NRC) staff held a Category 3 public meeting with external stakeholders in Rockville, Maryland. The purpose of the meeting was to discuss draft Regulatory Issue Summary (RIS) 2002-22, Supplement 1, "Clarification on Endorsement of Nuclear Energy Institute Guidance in Designing Digital Upgrades in Instrumentation and Control Systems," (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18051A084).

Background

On January 23, 2018, the NRC staff held a Category 3 public meeting on the subject document. The meeting summary, meeting transcript, list of attendees, the January 2018 version of the draft RIS 2002-22, Supplement 1 and presentation slides can be found under ADAMS Accession No. ML18079A414. As a result of this meeting, the NRC staff received informal comments from the Nuclear Energy Institute (ADAMS Accession No. ML18057B126) and Mr. Ken Scarola (ADAMS Accession No. ML18054A010). Although not considered as formally submitted comments, the NRC staff reviewed each submittal and where applicable, made revision to the RIS 2002-22, Supplement 1.

Meeting Summary

The NRC made brief opening remarks, and introductions were made by all in attendance. The NRC staff presented an overview of changes made to the draft RIS 2002-22, Supplement 1

CONTACT: Tekia V. Govan, NRR/DIRS
301-415-6197

since the document was last made publically available to support the January 23, 2018 Category 3 public meeting. Specifically, the staff discussed the following changes:

- Revised language in the document pertaining to the 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
- 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
- Engineering design process discussion consolidated into Section 5
- Section 6 limited to discussion of 10 CFR 50.59 documentation
- 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”

After the presentation, external stakeholders were afforded the opportunity to provide comments on the draft RIS 2002-22, Supplement 1. The slide presentation for this meeting can be found in ADAMS at Accession No. ML18149A095. The meeting agenda (Enclosure 1) and list of attendees (Enclosure 2) are enclosed. The staff has scheduled a follow-on Category 3 public meeting to continue the discussion on the draft RIS 2002-22, Supplement 1.

The NRC staff made no decisions or took any agency positions during this meeting.

Enclosures:

1. Meeting Agenda
2. List of Attendees

SUMMARY OF A CATEGORY 3 PUBLIC MEETING HELD WITH EXTERNAL STAKEHOLDERS TO PROVIDE AN OPPORTUNITY FOR DISCUSSION ON DRAFT REGULATORY ISSUE SUMMARY 2002-22, SUPPLEMENT 1, "CLARIFICATION ON ENDORSEMENT OF NUCLEAR ENERGY INSTITUTE GUIDANCE IN DESIGNING DIGITAL UPGRADES INSTRUMENTATION AND CONTROL SYSTEMS," Date: June 12, 2018

ADAMS ACCESSION NOs.: ML18149A319 (Pkg.); ML18149A321 (Memo) *concurring via email

OFFICE	NRR/DIRS/IRGB/PM	NRR/DIRS/IRGB/LA*	NRR/DIRS/IRGB/BC	NRR/DIRS/IRGB/PM
NAME	TGovan	ELee	HChernoff	TGovan
DATE	06/ /2018	06/05/2018	06/12/2018	06/12/2018

OFFICIAL RECORD COPY

PUBLIC MEETING AGENDA

**Category 3 meeting to discuss the draft Regulatory Issue Summary 2002-22,
Supplement 1**

March 6, 2018, 09:00 AM to 01:00 PM

**NRC One White Flint North, T2-B03
11555 Rockville Pike
Rockville, MD**

<u>Time</u>	<u>Topic</u>	<u>Lead</u>
9:00 a.m.	Meeting Introductions and Opening Remarks	NRC Staff
9:15 a.m.	Staff Presentation on Regulatory Issue Summary 2002-22, Supplement 1	NRC Staff
10:00 a.m.	Discussion with Stakeholders	NRC Staff/Stakeholders
12:00 p.m.	Lunch Break	
1:15 p.m.	Discussion with Stakeholders	NRC Staff/Stakeholders
12:45 p.m.	Opportunity for public comments/questions	
3:00 p.m.	Meeting Adjourned	

LIST OF ATTENDEES

Category 3 meeting to discuss the draft Regulatory Issue Summary 2002-22, Supplement 1

March 6, 2018, 09:00 AM to 01:00 PM

NRC One White Flint North, T2-B03
11555 Rockville Pike
Rockville, MD

<u>Name</u>	<u>Organization</u>
1. Jana Bergman	Curtiss-Wright
2. Brian Thomas	NRC
3. Chris Miller	NRC
4. Ronaldo Jenkins	NRC
5. Harold Chernoff	NRC
6. Mike King	NRC
7. Ken Scarola	Nuclear Automation Engineering
8. David Rahn	NRC
9. Greg Kruegen	Nuclear Energy Institute (NEI)
10. Jerud Hanson	NEI
11. Pam Cowan	NEI
12. Ray Larson	NRC
13. Eric Benner	NRC
14. John Caves	Duke Energy
15. Jason Remer	NEI
16. Ray Herb	Southern Nuclear Company
17. Preez Golub	Excel Services
18. Michael Waters	NRC
19. Steven Arndt	NRC

20. Bob Weisman	NRC
21. Christina Antonescu	NRC
22. Brain Holihan	NRC
23. Neil Archambo	Duke Energy
24. Dave Beaulieu	NRC
25. Norbert Carte	NRC
26. Wendell Morton	NRC
27. Tekia Govan	NRC

Participated via conference line and webinar

28. Maria Assard	Westinghouse
29. Robert Atkins	Dominion Energy
30. Rob Burg	EPM-INC
31. Gordon Cleifton	Member of the public
32. John Conly	Certrec
33. Lou Gausa	Westinghouse
34. Alvin Hinson	Imperia EP
35. Alfred Hyde	Westinghouse
36. Ronald Jarrett	TVA
37. Young Jo	Southern Co
38. Kenneth Krayvo	MEPPI
39. Marlene Ladendorff	Idaho National Laboratory
40. Kevin Lynn	DTE Energy
41. Erick Martinez Rodriguez	NRC
42. Chad Modro	MEPPI
43. Tomy Nazario	NRC

44. Warren Odess-Gillett	Westinghouse
45. William Rosko	Rolls Royce
46. Nanette Valliere	NRC
47. Lynnea Wilkins	NRC
48. Rossnyev Alvarado	NRC
49. Bob Caldwell	NRC
50. Sheldon Clark	NRC
51. Ismael Garcia	NRC