

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 14, 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 formal comments, the NRC staff reviewed each submittal and where applicable, made revision to the RIS 2002-22, Supplement 1. On March 6, 2018, the staff met with external stakeholders to discuss changes made to the draft RIS 2002-22, Supplement 1 since the document was last made publically available to support the January 23, 2018 Category 3 public meeting.

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

Meeting Summary

The NRC made brief opening remarks, and introductions were made by all in attendance. The NRC staff presented focused topics applicable to the RIS 2002-22, Supplement 1, which included limitations, simple digital instrumentation and control modifications, and engineering evaluation.

After the presentation, external stakeholders were afforded the opportunity to provide comments on the draft RIS 2002-22, Supplement 1. During the comment portion of the meeting, both Nuclear Energy Institute (ADAMS Accession No. ML18072A147) and Mr. Ken Scarola (ADAMS Accession No. ML18072A146) discussed comments that were sent to the NRC staff prior to the meeting. The slide presentation for this meeting can be found in ADAMS at Accession No. ML18072A308. The meeting agenda (Enclosure 1) and list of attendees (Enclosure 2) are enclosed. The staff scheduled a follow-on Category 3 public meeting for May 23, 2018 to discuss how formally submitted comments were dispositioned, prior to issuing the final RIS 2002-22, Supplement 1 on May 31, 2018.

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

## Enclosure:

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.: ML18156A414**

\*concurred via e-mail

<b>OFFICE</b>	NRR/DIRS/IRGB/PM	NRR/DIRS/IRGB/LA*	NRR/DIRS/IRGB/BC	NRR/DIRS/IRGB/PM
<b>NAME</b>	TGovan	ELee	HChernoff	TGovan
<b>DATE</b>	06/06/2018	06/06/2018	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 14, 2018, 09:00 AM to 01:00 PM**

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

<b><u>Time</u></b>	<b><u>Topic</u></b>	<b><u>Lead</u></b>
9:00 a.m.	Meeting Introductions and Opening Remarks	NRC Staff
9:30 a.m.	Introductions of Focused RIS Topics <ul style="list-style-type: none"><li>• Topic 1 – Limitations</li><li>• Topics 2 – Simple Digital I&amp;C Modifications</li><li>• Break (11:00 am – 11:15 am)</li><li>• Topic 3 – Engineering Evaluation</li></ul>	NRC Staff
12:00 p.m.	Discussion with Stakeholders	NRC Staff/Stakeholders
12:20 p.m.	Next Steps	NRC Staff/Stakeholders
12:40 p.m.	Opportunity for public comments/questions	
12:50 p.m.	Closing Remarks	NRC Staff
1:00 p.m.	Meeting Adjourned	

## LIST OF ATTENDEES

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

March 14, 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. Larry Erin	Lockheed Martin
7. Ken Scarola	Nuclear Automation Engineering
8. David Rahn	NRC
9. Norbert Carte	NRC
10. Pam Cowan	Nuclear Energy Institute (NEI)
11. Tony Zimmerman	Duke Energy
12. Preez Golub	Excel Services
13. John Caves	Duke Energy
14. Neil Archambo	Duke Energy
15. Jerud Hanson	NEI
16. Kory Hadack	Westinghouse
17. John Connelly	Exelon
18. Richard Stattel	NRC
19. Kati Austgen	NEI

20. Steven Arndt	NRC
21. Eric Benner	NRC
22. Michael Waters	NRC
23. Dave Beaulieu	NRC
24. Wendell Morton	NRC
25. Tekia Govan	NRC

Participated via conference line and webinar

26. Robert Atkinson	Dominion Energy
27. Rob Burg	EPM-INC
28. Gordon Cleffon	Member of the public
29. Lou Gausa	Westinghouse
30. Alvin Hinson	Enercon
31. Alfred Hyde	Westinghouse
32. Ronald Jarrett	TVA
33. Kenneth Krayvo	MEPPI
34. Warren Odess-Gillett	Westinghouse
35. Nanette Valliere	NRC
36. Ismael Garcia	NRC
37. Michael Fillan	Enercon
38. Vic Fregonese	Framatone
39. Wesley Frewin	FPL
40. Fred Madden	Certrec
41. Howard Mahan	Entergy
42. Frank Novak	Member of the Public
43. Chris Riedl	TVA
44. Michael Sortwell	AEP

45. Rossnyev Alvarado

NRC

46. Jana Bergman

Curtiss Wright