

August 8, 2018

MEMORANDUM TO: Bo M. Pham, 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 May 23, 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. ML18116A268).

#### 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 previous meeting on the topic, 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 revised the draft RIS 2002-22, Supplement 1, as appropriate. On March 6, 2018, the staff met with external stakeholders to discuss changes made to the draft since the previous publicly available version from January 2018. On March 14, 2018, 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. Clarification on these topics provided the staff insight to finalize RIS 2002-22, Supplement 1.

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Meeting Summary

The NRC made brief opening remarks, and introductions were made by all in attendance. The NRC staff presented an overview of the revised format of RIS 2002-22, Supplement 1, and discussed notable changes to the document. During the presentation, external stakeholders were afforded the opportunity to ask clarification questions and provide general comments on the draft RIS 2002-22, Supplement 1.

The slide presentation for this meeting can be found in ADAMS at Accession No. ML18184A421. The meeting agenda (Enclosure 1) and list of attendees (Enclosure 2) are enclosed. The staff discussed planned actions after the issuance of RIS 2002-22, Supplement 1, to include NRC inspector training/workshops, inspector cross-regional panels and the consolidation of 10 CFR 50.59 guidance in Regulatory Guide 1.187 and NEI 96-07. The staff concluded the meeting with its commitment to issuing the final RIS 2002-22, Supplement 1 by 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: August 8, 2018

**ADAMS Accession No.: ML18218A125**

<b>OFFICE</b>	NRR/DIRS/IRGB/PM	NRR/DIRS/IRGB/LA	NRR/DIRS/IRGB/BC	NRR/DIRS/IRGB/PM
<b>NAME</b>	TGovan	ELee	BPham	TGovan
<b>DATE</b>	08/06/2018	08/06/2018	08/08/2018	08/08/2018

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## **PUBLIC MEETING AGENDA**

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

**May 23, 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
9:15 a.m.	Staff Discussion on RIS 2002-22, Supplement 1	NRC Staff
10:00 a.m.	Discussion with Stakeholders	NRC Staff/Stakeholders
11:00 a.m.	Break	
11:15 a.m.	Discussion with Stakeholders	NRC Staff/Stakeholders
12:45 p.m.	Opportunity for public comments/questions	
1:00 p.m.	Meeting Adjourned	

## LIST OF ATTENDEES

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

**May 23, 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. Mike King	NRC
5. Harold Chernoff	NRC
6. David Rahn	NRC
7. Robert Krsek	NRC
8. Tony Zimmerman	Duke Energy
9. Neil Archambo	Duke Energy
10. Jerud Hanson	NEI
11. John Connelly	Exelon
12. Rau Herb	Southern Nuclear
13. Kati Austgen	NEI
14. Steven Arndt	NRC
15. Eric Benner	NRC
16. Michael Waters	NRC
17. Dave Beaulieu	NRC
18. Wendell Morton	NRC
19. Tekia Govan	NRC

Participated via conference line and webinar

20. Robert Atkinson	Dominion Energy
21. Robert Austin	EPRI
22. Gordon Cleifton	Member of the public
23. Lou Gausa	Westinghouse
24. Norbert Carte	NRC
25. Alfred Hyde	Westinghouse
26. Ronald Jarrett	TVA
27. Korey Hosack	Westinghouse
28. Warren Odess-Gillett	Westinghouse
29. Ismael Garcia	NRC
30. Michael Fillan	Enercon
31. Vic Fregonese	Framatone
32. Bryan Ford	Entergy
33. Marlynn Kuharsky	DP Engineering
34. Tomy Nazario	NRC
35. Ty Rogers	GE
36. Marcia Thompson	XE Nuclear
37. Nanette Valliere	NRC
38. Ray Wharton	NRC
39. Don Chase	Curtiss Wright
40. Nathan Faith	Exelon
41. Alvin Hinson	Enercon
42. William Rosko	Rolls Royce