

January 28, 2021

Title: NRC's Digital Instrumentation and Controls Workshop: Interim Staff Guidance (ISG) 06, "Licensing Process," Revision 2, Alternate Review Process.

Date(s) and Time(s): February 10, 2021, 09:00 AM to 04:15 PM

The time of the meeting is local to the jurisdiction where the meeting is being held.

Location: Webinar

Category: This is a Category 2 meeting. The public is invited to participate in this meeting by discussing regulatory issues with the Nuclear Regulatory Commission (NRC) at designated points identified on the agenda.

Purpose: The purpose of this meeting is to share insights and lessons learned in applying regulatory tools for digital instrumentation and controls (I&C) modernization projects. This workshop will primarily focus on NRC and industry perspectives on the licensing revised review guidance in Interim Staff Guidance (ISG)-06, "Licensing Process," Revision 2, Alternate Review Process for major digital I&C modernization projects.

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Participants: NRC External
Office of Nuclear Reactor Regulation Industry Representatives

Teleconference: Bridge Number Pass Code
(301) 576-2978 827293799#

Webinar: URL Meeting Number
https://teams.microsoft.com/join/19%3ameeting_NzNIZTliMGEtMDVjZS00YjUzLWlzMjktMmMzMmI4Zjk2MjE2%40thread.v2/0?context=%7b%22id%22%3a%22e8d01475-c3b5-436a-a065-5def4c64f52e%22%2c%22oid%22%3a%229dcedc14-a1c5-4521-9579-9f4e38cd9e7c%22%7d -

Comments: Additional Meeting Information: Key topics for this workshop will include digital modernization licensing activities by both NRC and industry, and the real-time lessons-learned in applying ISG-06, including the interface with inspections. The workshop will also include a brief overview of relevant licensing and oversight activities for digital I&C modifications implemented in accordance with 10 CFR 50.59. Members of the public and utilities interested in plant modernization are encouraged to attend.

PUBLIC MEETING AGENDA

NRC's Digital Instrumentation and Controls Workshop: Interim Staff Guidance (ISG) 06, "Licensing Process," Revision 2, Alternate Review Process.

February 10, 2021, 09:00 AM to 04:15 PM

Webinar

Time	Topic	Presenter
9:00am-9:15am	INTRODUCTION AND WORKSHOP GOALS	NRC/INDUSTRY
9:15am-9:40am	DIGITAL MODIFICATIONS UNDER 10 CFR 50.59 Digital I&C Inspection Activities (15 min) <ul style="list-style-type: none"> ● Tools to support digital upgrades <ul style="list-style-type: none"> ○ RIS 2002-22 Supp. I ○ NEI 96-07 App. D ○ RG 1.187 ● Inspection <ul style="list-style-type: none"> ○ Regional Inspector Training ○ Discussion of Smart Samples Open Discussion (10 minutes)	D. Bollock, NRC P. McKenna, NRC NRC/INDUSTRY
9:40am-9:45am	PUBLIC COMMENTS	
9:45am-10:30am	LICENSING ACTIVITIES Licensing Activities (35 min) <ul style="list-style-type: none"> ● ISG-06 History and Alternate Review Process ● Current Licensing Activities ● NRC Resource Planning ● Licensing Infrastructure Development Open Discussion (10 minutes)	S. Darbali, NRC J. Johnston, NRC NRC/INDUSTRY
10:45am-11:00am	BREAK	
11:00am-11:55am	OVERVIEW OF DIGITAL I&C MODERNIZATION (EXTERNAL) DOE LWRS Digital Upgrade Perspectives (15 min) Digital I&C Development and Licensing Plans Overview (30 min) Open Discussion (10 minutes)	INDUSTRY NRC/INDUSTRY
11:55am-12:00pm	PUBLIC COMMENTS	
12:00pm-1:00pm	LUNCH	
1:00pm-2:00pm	ISG-06 ALTERNATE REVIEW PROCESS REFLECTION (NRC) NRC – Perspective of Lessons Learned and ARP refinements (60 min) Focus Area #1 <ul style="list-style-type: none"> ● Pre-submittal Interactions ● Electronic portals and open item process Focus Area #2 <ul style="list-style-type: none"> ● Vendor Oversight Plan Level of Detail (summary and the full VOP) ● Software Development ● Interface with Inspections ○ Updates to IPs/guidance development Focus Area #3 <ul style="list-style-type: none"> ● Crediting of Self-Diagnostics to Eliminate COT ● Accident Analysis ● D3 & HFE ● Use of risk insights 	S. Darbali, NRC D. Zhang, NRC
2:00pm-2:10pm	BREAK	
2:10pm-3:10pm	ISG-06 ALTERNATE REVIEW PROCESS FEEDBACK	INDUSTRY
3:10pm-3:40pm	OPEN DISCUSSION AND NEXT STEPS	NRC/INDUSTRY
3:40pm-4:05pm	PUBLIC COMMENTS	
4:05pm-4:15pm	CLOSING REMARKS	NRC/INDUSTRY

The NRC provides reasonable accommodation to individuals with disabilities where appropriate. If reasonable accommodation is needed to participate in this meeting, or if a meeting notice, transcript, or other information from this meeting is needed in another format (e.g., Braille, large print), please notify the NRC meeting contact. Determinations on requests for reasonable accommodation will be made on a case-by-case basis.

ADAMS Accession Number: ML21028A747

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Date	01/28/2021	

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Link to meeting details: <https://www.nrc.gov/pmns/mtg?do=details&Code=20210124>