Dear RIC 2023 attendees:

Thank you for attending the U.S Nuclear Regulatory Commission's (NRC's) 35th Annual Regulatory Information Conference (RIC). Please find live polling questions for this session below. The estimated burden to respond to this voluntary information collection is less than 1 minute. The information provided will be used to inform the discussion during the session and improve future interactions with industry. Send comments regarding the burden estimate by e-mail to <u>infocollects.resource@nrc.gov</u>. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person not required to respond to, the information collection.

Please note, your responses are anonymous, and data will be presented in aggregate form. Again, thank you for your support of the RIC!

Session T5: Building on a Strong Foundation: A Voyage through Risk Informed Decision-Making

- 1. With regards to implementing RIDM, Industry _____
 - a. Needs to do more/has not done enough
 - b. Has performed just the right amount
 - c. Has done too much, too soon, beyond comfort level

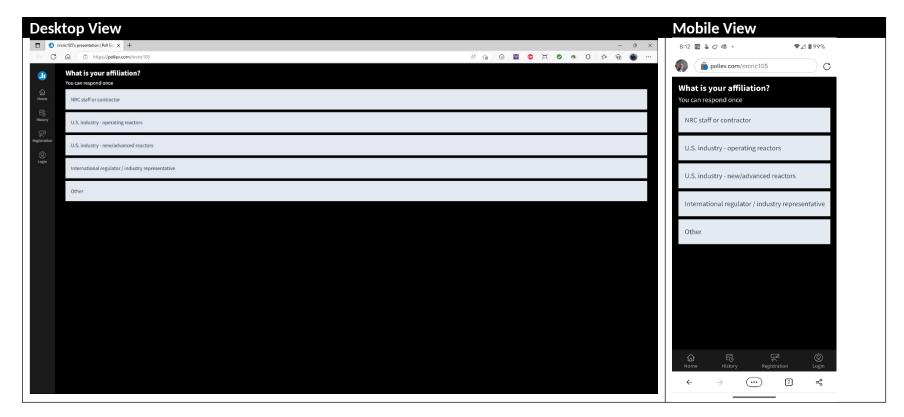
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With regards to implementing RIDM, NRC and other Regulatory Agencies ____

- a. Needs to do more/has not done enough
- b. Has performed just the right amount
- c. Has done too much, too soon, beyond comfort level

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- 2. What is your affiliation?
 - a. NRC staff or contractor
 - b. U.S. industry operating reactors
 - c. U.S. industry new/advanced reactors
 - d. International regulator / industry representative
 - e. Other



- 3. Part 1: For a future risk-informed workshop, which of these topics would you most like to discuss (choose one or more)?
 - a. LIC-206, "Integrated Risk-Informed Decision Making for Licensing Reviews"
 - b. Progress on risk-informed licensing applications including lessons learned
 - c. Risk informing 10 CFR 50.59
 - d. Risk informing aging management

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	Risk informing 10 CFR 50.59
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- 4. Part 2: For a future risk-informed workshop which of these additional topics would you most like to discuss (choose one or more)?
 - a. Risk informing new and advanced reactors
 - b. Risk informing emergency preparedness for new reactors
 - c. Risk informing security
 - d. Other (Send suggestions through the question app)

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Risk informing new and advanced reactors	Part 2: For a future risk-informed workshop which of these additional topics would you most like to discuss
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	Risk informing security
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Session T6: How AI and I Became Friends: The Next Steps on the AI Journey

- 1. What nuclear technology areas could potentially benefit most from using AI applications? (choose one or more)
 - a. Non-destructive evaluation, predictive maintenance or condition monitoring
 - b. Inspection automation
 - c. Corrective action, work order, or other natural language processing tasks
 - d. Plant autonomous operation or robotics
 - e. Other (e.g., design optimization, alternative empirical models, etc.)

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ریخ Registration	Corrective action, work order, or other natural language processing tasks	Inspection automation
© Login	Plant autonomous operation or robotics	Corrective action, work order, or other natural language processing tasks
	Other (e.g., design optimization, alternative empirical models, etc.)	Plant autonomous operation or robotics
		Other (e.g., design optimization, alternative empirical models, etc.)
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- 2. How likely do you believe it is that new nuclear energy technologies will include aspects of AI in their design and operations? (choose one)
 - a. Very likely
 - b. Somewhat likely
 - c. Unlikely
 - d. Highly unlikely
 - e. Never

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da Houme Forme	Very likely	include aspects of AI in their design and operations? (choose one) You can respond once
્લ History	Somewhat likely	Very likely
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- 3. How soon do you think commercial nuclear will be using AI applications in an NRC-regulated activity? (choose one)
 - a. Already using it
 - b. 1-5 years
 - c. 6-10 years
 - d. More than 10 years
 - e. Never

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- 4. What industry do you view as leading AI safety/security assessments? (choose one)
 - a. Automotive
 - b. Defense
 - c. Energy Generation and Distribution
 - d. Finance
 - e. Healthcare

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Session W11 Polling Questions

- 1. How satisfied are you with the NRC response to stakeholder suggestions on Part 53?
 - a. Answer (0-5, with 5 being the most satisfied)

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- 2. For applications in 2025 and beyond, how likely are you to use the NRC Part 53 Framework A?
 - a. Framework A of Part 53 is the likely first choice
 - b. Will likely use Framework A of Part 53, but not for the first application
 - c. May use Framework A of Part 53 after someone else does
 - d. Not likely to use Framework A of Part 53
 - e. Will not use Framework A of Part 53 substantial increases in regulatory burden

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ф Home Ю	Framework A of Part 53 is the likely first choice	What industry do you view as leading AI safety/security assessments? (choose one)
History	Will likely use Framework A of Part 53, but not for the first application	You can respond once
Registration	May use Framework A of Part 53 after someone else does	Automotive
Login	Not likely to use Framework A of Part 53	Defense
	Will not use Framework A of Part 53 — substantial increases in regulatory burden	Energy Generation and Distribution
		Finanace
		Healthcare
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- 3. In developing Part 53, has the NRC set the right level for what will be in the licensing basis vs what would be under licensee control (i.e., in a TRM or similar document)?
 - a. Yes
 - b. No, the boundary should match the LMP design-basis/beyond-design-basis cutoff
 - c. No, the licensing basis should only include safety-related items
 - d. No, the boundaries should be proposed by applicants (e.g., the use of the QHOs should not be mandated, but could be proposed in application technical specifications)

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		Energy Generation and Distribution Finanace
		Healthcare
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Session W12: TayTalks Live!

- How are you today?
 - 0 Fantastic! Loving the RIC!
 - 0 I'm on my 5th cup of coffee, but ready for this session
 - 0 I just had lunch. A little sleepy.
 - 0 Fine. I'm just here out of curiosity.

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- How do you think the NRC is doing with innovation?
 - 0 Great!
 - 0 On the way, but could be better
 - 0 Not as well as I anticipated
 - 0 The NRC has been innovating?

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© Login	The NRC has been innovating?	The NRC has been innovating?			
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- How would you like to get involved in innovation at the NRC?
 - 0 Via crowdsourcing
 - 0 Posting suggestions via the NRC public webpage
 - 0 Participating in public meetings related to innovation
 - 0 All of these sound great!

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Registration	Participating in public meetings related to innovation	meetings related to innovation						
Logni	All of these sound great!		All of these sound great!					
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Session TH18: How Ex-Siting it is for New Reactors

- Do you know what siting is?
 - o Yup! I'm intimately familiar.
 - o A little, but curious to learn more.
 - o No clue. That's why I'm here.

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- Do you plan on going through the siting process?
 - o Yes
 - o No
 - o Considering it

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- Whose perspective would you like to learn more about?
 - o NRC
 - o DOE
 - o Industry
 - o The State

