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Industry Collaboration Update

2025 LWRS Spring Meeting

April 29, 2025

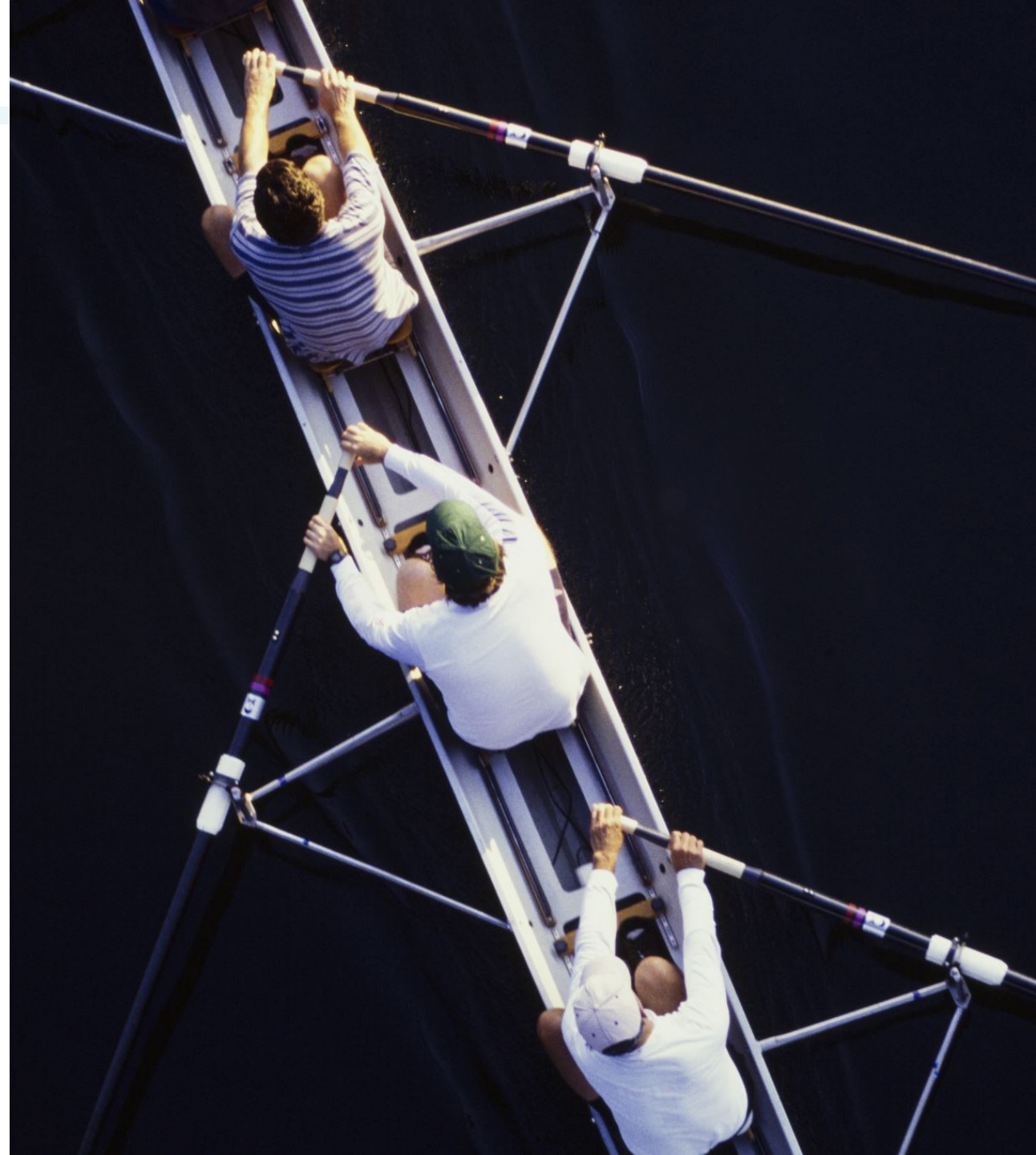


PURPOSE

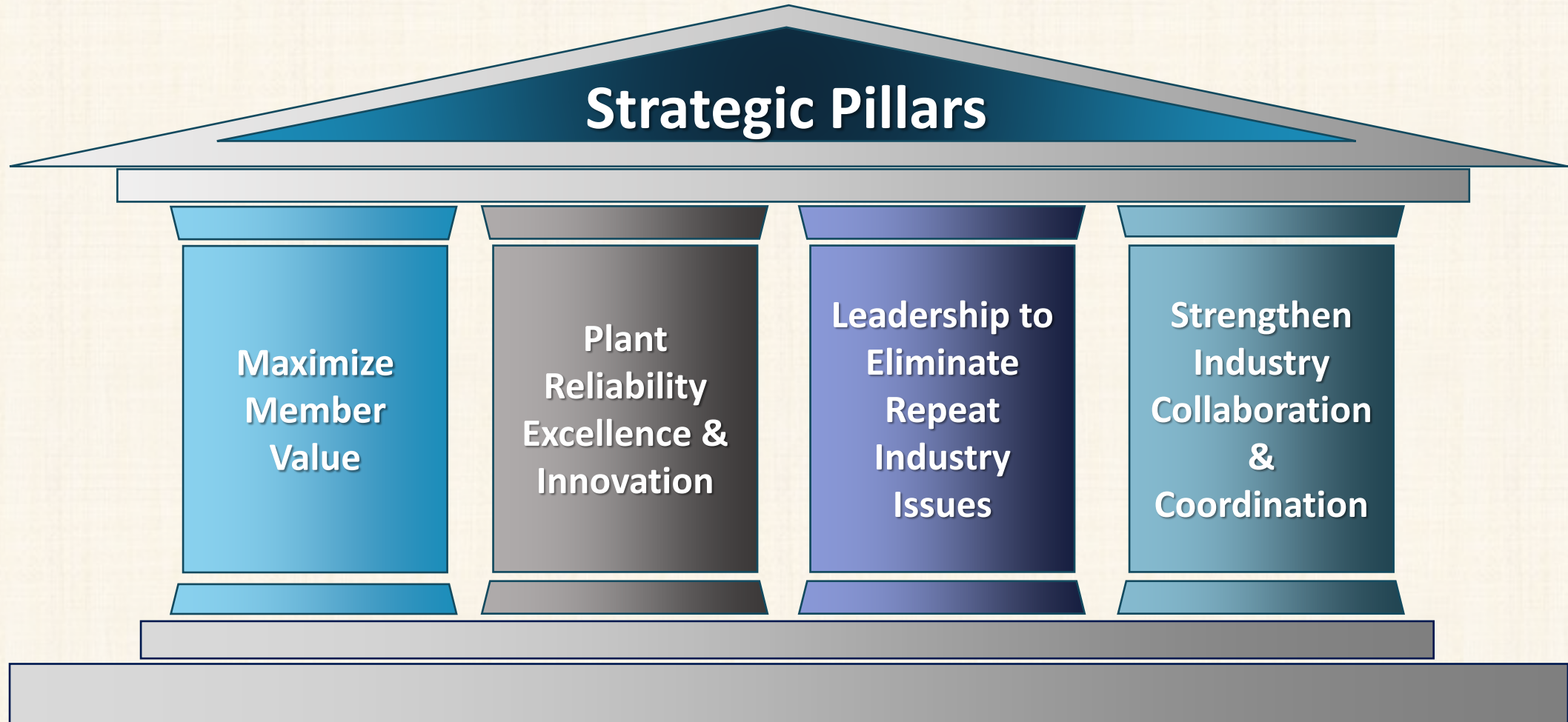
**ENSURE ALIGNMENT AND CLOSE COLLABORATION AMONG
INDUSTRY GROUPS TO ENSURE HIGHEST SAFETY, RELIABILITY
AND LONG-TERM VIABILITY OF THE NUCLEAR POWER
INDUSTRY**

INDUSTRY GROUPS

- PWROG
- BWROG
- EPRI
- DOE
- INPO
- NEI
- Other Groups



5 Year Strategic Plan

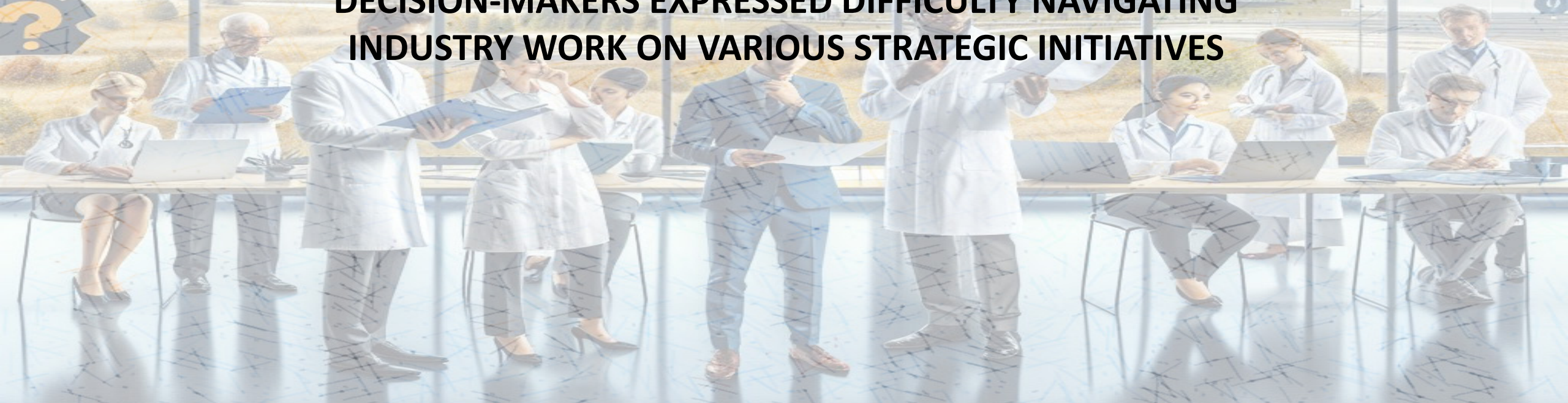


OPPORTUNITY



**MAXIMIZE VALUE AND BENEFIT OF INDUSTRY GROUPS FROM
BETTER ALIGNMENT AND CLOSER COLLABORATION**

**DECISION-MAKERS EXPRESSED DIFFICULTY NAVIGATING
INDUSTRY WORK ON VARIOUS STRATEGIC INITIATIVES**



Focus on improved Industry Collaboration

Opportunities exist to significantly improve how industry groups work together to better collaborate which will result in:

- Aligned industry focus
- Effective solutions to improve reliability by preventing consequential events and recurring industry issues
- Elimination of redundancy between industry groups
- Maximizing Value and Return on Investment
- Improved resource utilization and efficiency
- Streamlined processes
- Improved coordination and communication



Industry Collaboration on Strategic Initiatives

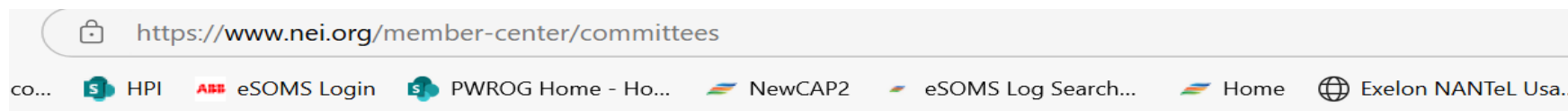


Strategic initiatives reviewed on IGC call on 3/13

- FW System Reliability (OGs, EPRI, INPO)
- Digital I&C Design Improvement Task Force (NEI, OGs, EPRI)
- Work Force development (NEI, OGs, INPO, EPRI)
- Power Upgrades (IRA Tax Credits) (NEI, OGs, EPRI)
- Data Validation and Reconciliation (DVR) (OGs, EPRI)
- Reactor Recirc Seal / RCP Performance issues (OGs, EPRI, INPO)
- Core Barrel Cracking (PWROG, EPRI, NRC)
- 50.69 implementation (OGs, NEI, NRC)
- Emergency Core Cooling pipe Stress Corrosion Cracking (EPRI, NRC)
- Ultimate Heat Sink/Climate resiliency (NEI, OGs, EPRI, INPO, NRC)
- Use of Robotics (OGs, EPRI, NEI, INPO)
- Advanced / Remote monitoring (EPRI, OGs, INPO)
- Risk Informed Initiatives (OGs, NEI, EPRI, NRC)
- Alternate Source Term NRC methodology change (NEI, OGs, EPRI, NRC)
- Industry Surveys and OE Sharing (OGs, EPRI)
- Condenser Performance (OGs, EPRI)



- FOAK meeting held on 2/4/2025 during the EPRI NPC to align on actions for each Industry Group to improve collaboration activities at levels of the organization
 - Rolling out expectations on IGC Matrix for each organization
 - Maintaining IGC Matrix to be located on common NEI website
- Next Meeting is August NPC



[License Renewal/Environmental Task Force](#)

[NERC Issues Task Force](#)

[Open Phase Circuit Issue Task Force](#)

[PRA Peer Review Task Force](#)

[Reactor Oversight Process Task Force](#)

[Regulatory Issues Task Force](#)

[Risk Informed Engineering Programs \(50.69\) Task Force](#)

[Risk Informed Technical Specifications Task Force](#)

[Used Fuel Transportation Task Force](#)

Working Groups

[Accident Tolerant Fuel Working Group](#)

[Advancing Collaboration, Community Engagement & Public Trust \(ACCEPT\) Working Group](#)

[Digital I&C Working Group](#)

[Emergency Preparedness Working Group](#)

[Industry Group Coordination Team](#)

TOPIC	ACTIVITIES
1. Feedwater System Reliability	
	<u>BWROG</u> - Lead role for FW Reliability Industry Collaboration Effort through the BWROG FWSI Committee. POC Eric Fulton (NPPD) and Dusty Zavada (GEH).
	<u>PWROG</u> - Supporting 2024 FWSI. POC Jay Boardman, Jeff Hudson.
	<u>EPRI</u> - Coordinating and collaborating with the industry groups to address Feedwater system and equipment challenges. Plan to update existing EPRI Feedwater related guidance, add a Feedwater Wiki, and encourage the industry to use the new EPRI Feedwater Forum.POCs - Nick Camilli, Fred Setzer
	<u>NEI</u> - Interface with NRC on their request for access to proprietary documents POC Victoria Anderson
	<u>INPO</u> - Set/Reinforce Standards, Collect/Share OE and BestPractices, Participate in Various FW Groups. POC Blair Wunderly

Quarterly NRC Drop-ins

- Ultimate Heat Sink limit relaxation
- Tech Spec 3.0.3 AOT relaxation to 24 hours
TSTF 585
- Increased Enrichment
- KT&R Joint Workshops
- International Risk Regulatory Initiative

Build Industry
Collaboration
at all levels
across key
partnerships

