

Industry / NRC Materials Programs Technical Information Exchange

INDUSTRY/NRC MATERIALS TECHNICAL EXCHANGE MEETING

Virtual Teams Meeting
June 17-18, 2025

Welcome

- Public Meeting – Observation Meeting
- Virtual Meeting
- Introductions
- Meeting Objective –
 - To discuss passive component materials related program updates, issues, operational experience and ongoing research
 - To conduct a workshop on risk-informing materials issues
- All presentation slides are available for download in NRC Public ADAMS site, see next slide

Welcome

- | | | | |
|---------------------------------------|-------------|------------------------------------|-------------|
| • 01 – NRC – Welcome | ML25164A004 | • 15 – NEI 03-08 Refresher and | |
| • 02 – MRP Program Update | ML25163A013 | Successes | ML25163A022 |
| • 03 – PWROG Update | ML25163A014 | | |
| • 04 – BWRVIP Report | ML25163A015 | • 16 – NEI 30-08 Screening Process | ML25163A023 |
| • 05 – IMR Program Update | ML25163A016 | | |
| • 06 – WRTC Program Review | ML25163A017 | | |
| • 07 – xLPR Update | ML25163A018 | | |
| • 08 – NRC – Advance Act Update | ML25163A241 | | |
| • 09 – NRC – License Renewal | | | |
| Efficiencies | ML25163A112 | | |
| • 10 – NRC – xLPR Update | ML25161A162 | | |
| • 11 – 10 CFR 50.55a(g)(4)(ii) | | | |
| and code cases | ML25161A163 | | |
| • 12 – French SCC discussions | ML25163A019 | | |
| • 13 – Industry Core Barrel Focus | | | |
| Group update | ML25163A020 | | |
| • 13a - EPRI Hot Cell Exam of Core | | | |
| Barrel Specimens | ML25163A021 | | |
| • 14 – EPRI’s Advanced Reactor Update | ML25163A113 | | |

Agenda

June 17, 2025

TIME	TOPIC	PRESENTER	PRESENTATION ID
8:30am	Introductions, Agenda Review, Attendance and Meeting Objectives	NRC/Industry	1
8:45am	Industry Program Report (30 mins / Program) • Highlight a couple key projects • Expected report submittals • OE of interest since last meeting	MRP	2
		PWROG	3
		BWRVIP	4
		IMR	5
		WRTC	6
10:50am	Break		
11:00am	xLPR Update	MRP	7
11:30am	Lunch		
1:00pm	• Advance act update	NRC	8
	• License renewal efficiencies	NRC	9
	• xLPR update	NRC	10
	• 10 CFR 50.55a(g)(4)(ii) and code cases	NRC	11
2:30pm	French SCC discussion - Industry update	MRP/PWROG	12
3:00pm	Industry Core Barrel Focus Group update	MRP/PWROG	13
3:30pm	Break		
3:45pm	EPRI's Advanced Reactor Update	EPRI AR	14
4:30pm	Review of Action Items	NRC	
4:45pm	Public comments	NRC	
5:00pm	Adjourn		

Agenda

June 18, 2025

TIME	TOPIC	PRESENTER	PRESENTATION ID
8:30am	Introduction and Review of Day 1	NRC/Industry	
8:45am	NEI 03-08 Refresher & Successes	Industry	15
9:30am	NEI 03-08 Screening Process	Industry	16
10:30am	Review of Action Items	NRC	
10:40am	Public comments	NRC	
11:00am	<i>Adjourn</i>		

Ongoing Action Items

- **Routine updates on its use of the document screening tool** - See [BWRVIP update](#)
- **RPV Embrittlement-** NRC wrote SECY-22-0019 recommended a rule change waiting on Commission
- **Streamlining 50.55a** – Proposed Rule and Direct Final Rule (DFR) underway. DFR expected this fall; Proposed rule first part of 2026
- **Nickel-base Alloy NUREG on CGR/FOIs updates** - Data scoring is complete on the 5th round of data. Waiting on the last data set to complete the expert panel scoring. Hoping to get that done in the second quarter.
- **EDF stress corrosion cracking** - See [Presentation](#)
- **EPRI will provide more information/detail in the annual NEI 03-08 screening summary letter to NRC. Can industry make the screenings and associated changes made to the document available to NRC (e.g., NRC reading room)?** - See [BWRVIP update and 2nd day discussion](#)