



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

January 8, 2025

MEMORANDUM TO: Steve Lynch, Chief
Advanced Reactor Policy Branch
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

FROM: Ram Subbaratnam, Project Manager//RA// *Ram Subbaratnam*
Advanced Reactor Policy Branch
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF DECEMBER 07, 2023, PERIODIC ADVANCED
REACTOR STAKEHOLDER PUBLIC MEETING

On December 7, 2023, the U.S. Nuclear Regulatory Commission (NRC) staff held an information meeting with a question-and-answer session with stakeholders to discuss advanced reactor topics including:

- Advanced Reactor Digital Instrumentation and Control Workshop Announcement
- Final Rule on Emergency Preparedness for Small Modular Reactors (EPSMR) and Other New Technologies
- Overview and Recent Experience with the NRC's Application Acceptance Review Processes
- Micro-Reactor Next Steps
- Selection of a Seismic Scenario for an EPZ Boundary Determination
- Options for Optimizing Hearing Opportunities Associated with two Part Applications

The meeting notice is available in the NRC's Agencywide Documents Access and Management System at Accession No. [ML23340A061](#) and the presentation slides are available under Accession No. [ML23335A104](#). The attendee report for the meeting is attached with this summary.

For each topic listed above, the NRC staff provided information and allotted time for stakeholder comments and questions. Stakeholders provided feedback on these topics and asked clarifying questions. NRC staff appreciates the feedback provided and no follow-up actions were identified.

The NRC staff also provided a brief update on status of advanced reactor licensing activities, including recently completed reviews and brief statistics on applications/licensing actions currently in progress.

NRC staff made number of presentations on the topics listed above. Of interest were the one on micro-reactor next steps, which included a draft white paper that described regulatory

approaches the NRC staff is developing to preclude criticality, fuel loading and operational testing.

On the topic of seismic scenario for an EPZ boundary determination the NEI discussed the responses to staff question on NEI white paper NEI 23-01 and said they would submit a detailed questionnaire for NEI to respond.

The NRC staff also provided a perspective on options for optimizing hearing opportunities associated with two-part applications.

To see information regarding previously held periodic advanced reactor stakeholder public meetings, please visit the NRC's public website at <https://www.nrc.gov/reactors/new-reactors/advanced/stakeholder-engagement/meetings.html>.

Please direct any inquiries to Ram Subbaratnam at 301-415-1116 or via email at <mailto:ramachandran.subbaratnam@nrc.gov>.

Attachment: Attendee Report

SUBJECT: SUMMARY OF DECEMBER 7, 2023, PERIODIC ADVANCED REACTOR
STAKEHOLDER PUBLIC MEETING DATED: DECEMBER 7, 2023

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OFFICE	NRR/DANU/UARP/PM	NRR/DANU/UARP/BC	NRR/DANU/UARP/PM
NAME	RSubbaratnam	SLynch	RSubbaratnam
DATE	01/08/2025	01/08/2025	01/08/2025

OFFICIAL RECORD COPY

Attendee List for the December 7, 2023, Advanced
Reactor Stakeholder Meeting

Attendee	Affiliation
Ramachandran Subbaratnam	NRC
Burg, Rob	NRC
Jason A. Christensen	Public
Timothy POLICH	RoPower
Matthew Gordon	NRC
Polonsky, Alex S.	NRC
YUEN, Stew	NRC
Schilthelm, Steve W	Public
Durr, Michael Joseph	Public
SHAHROKHI Farshid	FRA-CORP
Mallecia Sutton	NRC
April R Rice	Public
Jason Piotter	NRC
Christopher P. Chwasz	NRC
James O'Driscoll	NRC
DeFilippis, Michael Scott	Public
Hakan Ozaltun	NRC
Joseph Sebrosky	NRC
Christopher Welch	NRC
Steven Lynch	NRC
Stephen J. Burdick	Public
Katie Wagner	NRC
Grabaskas, Dave	ANL
Oesterle, Eric	GE
HENDRICKSON Matt	ODOE
Michelle Hayes	NRC
Scott Bussey	NRC
Mynatt, Norman Lynn	Public
Stephen Philpott	NRC
Candace de Messieres	NRC
Hanh Phan	NRC
Arndt, Steven	Public
Yan Gao	Public
O'NEILL, Martin	Public
Belkys Sosa	NRC
Bob Beall	NRC
Clair Song	NRC
Laurel Bauer	NRC
Weijun Wang	Public
Thornsbury, Eric	Public
Bergman, Jana	Public
Amy Cubbage	NRC

Scott Tonsfeldt	NRC
Mory Diané	NRC
Jensen, Paul	NRC
Roel Brusselmans	NRC
Alec Neller	NRC
Behnke, Donald H.	Public
Spalding, Amanda J	Public
Ting-Leung Sham	NRC
Daigle, David Louis	Public
William Jessup	NRC
Jinsuo Nie	NRC
Cyril Draffin	US NuclearIndustryCouncil
Robert Budnitz	Public
Patrick White	NIA
Travis Chapman	X-energy
Mike Mayfield	Public
Barry Mingst	Public
Drew Nigh	X-energy
Chris	Public
Kevin Pigg	USNC
Kris Cummings	NuScale
Peter Hastings	Kairos Power
Rani Franovich	Nuclear ROSE Consulting, LLC
Frank Akstulewicz	Public
Mike Montecalvo	MCFR - TerraPower
Irfan Ali	Public
Clifford Munson	NRC
Shilp Vasavada	NRC
Robert Budnitz	Public
Donna Williams	NRC
Kris Cummings	NuScale
YOUNG, David	NRC
Ben Adams	NRC
Nilesh Chokshi (Guest)	Public
Casey, Kevin E	Public
Nanette Valliere (She/Her)	NRC
Travis Chapman	X-energy
Leigh Lloveras	Breakthrough Institute
Michael Orenak	NRC
Niko McMurray	ClearPath
Sarah Fields	Public
Sarah Fields	Public
Steve Vaughn (Guest) -	X-energy, LLC
Chris Markley	NRC
Ossy Font	NRC
Clark Shurtleff	
Clark Shurtleff	

John, Philip	
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