



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

September 10, 2025

MEMORANDUM TO: Michael Wentzel, Chief
Advanced Reactor Policy Branch
Division of Advanced Reactors and Non-power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

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

SUBJECT: SUMMARY OF AUGUST 28, 2025, PUBLIC MEETING,
"PERIODIC ADVANCED REACTOR STAKEHOLDER MEETING"

Meeting Information:

Public Meeting Notice Agencywide Documents Access and Management System (ADAMS)
Accession No.: [ML25224A019](#)

Presentation Slides ADAMS Accession No.: [ML25237A182](#)

On August 28, 2025, the U.S. Nuclear Regulatory Commission (NRC) staff held a hybrid information public meeting with a question-and-answer session with stakeholders to discuss advanced reactor topics. The purpose of these periodic advanced reactor stakeholder meetings is to share information and discuss topics related to the licensing and regulation of advanced reactors with the nuclear industry and other stakeholders.

Meeting Attendees: See the enclosure for a list of meeting attendees.

CONTACT: Kristin McElwee, NRR/DANU
301-415-3703

Meeting Summary:

On August 28, 2025, 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. The following are the topics that were presented:

- Release of a new Office of the Executive Director for Operations procedure titled, “Driving Regulatory Decisions Through More Effective Communications” (ADAMS Accession No. [ML25167A039](#)), presented by NRC staff
- Overview of the effort to emphasize fundamental principles for determining acceptability of risk assessments to support reviews of risk-informed license presented by NRC staff
- Overview of a Senior Seismic Hazard Analysis Committee (SSHAC) level 1 study presented by NRC staff
- Lessons learned from the eVinci Probabilistic Risk Assessment (PRA) peer review, presented by Jon Facemire from Nuclear Energy Institute (NEI)
- Approach for the assessment of low frequency external presented by Dave Grabaskas from Argonne National Laboratory

For each topic listed above, the NRC staff provided information and allotted time for stakeholder comments and questions. Key discussion points of the meeting included:

- The NRC staff provided an overview of the status of advanced reactor licensing activities, including the submission of SECY papers on the status of advanced reactor activities and on microreactor licensing and deployment considerations for NOAK licensing and recent stakeholder engagement efforts.
- The NRC staff provided an overview of the new OEDO procedure “Driving Regulatory Decisions Through More Effective Communications” that provides guidance to the NRC staff on practices for communicating with licensees, applicants and vendors in a manner that drives more efficient, effective, and timely regulatory decisions.
- The NRC staff gave a presentation of their effort to focus staff’s approach to determine acceptability of risk assessments to support reviews of risk-informed license applications.
 - The presentation provided the motivation for this effort and their initial thoughts on modifying existing Risk Informed Decision Making framework to ensure flexibility, efficiency, and reliability in its reviews and licensing decisions.
- The NRC staff provided an overview of seismic hazard assessment methods used to capture uncertainty in a probabilistic seismic hazard analyses for nuclear and other critical facilities.
 - The SSHAC performed an example Level 1 study to demonstrate the scope and workflow and to determine what simplifications are possible compared to higher-level SSHAC studies.
- Jon Facemire of NEI provided an overview of the lessons learned from the eVinci microreactor Peer Review using Trial Use Regulatory Guide 1.247, “Trial Acceptability of Probabilistic Risk Assessment Results for Advanced Non-Light Water Reactor Risk-Informed Activities” (ADAMS Accession No. [ML21232A524](#)).
 - The presentation summarized the letters sent to the Joint Committee on Nuclear Risk Management suggesting updates to American Society of Mechanical Engineers/American Nuclear Society standard RA-S-1.4-2021 and to the NRC

suggesting changes to Trial Use Regulatory Guide 1.247. The presentation also included changes that will be made to NEI 20-09 “Performance of PRA Peer Reviews Using the ASME/ANS Advanced Non-LWR PRA Standard” (ADAMS Accession No. [ML25210A239](#)).

- Dave Grabaskas of Argonne National Laboratory gave a presentation on a revised approach for the assessment of low frequency external events that will be submitted to the NRC for review. The approach will aim to reduce the impact of low frequency uncertainties.

Stakeholders provided feedback on several topics and asked clarifying questions. NRC staff stated that the feedback was appreciated. No additional follow-up actions were identified.

The NRC staff conducted the meeting in accordance with NRC Management Directive 3.5, “Attendance at NRC Staff-Sponsored Meetings” (ADAMS Accession No. [ML21180A271](#)).

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/get-involved/meetings.html>.

No regulatory decisions were made as a result of this meeting.

Enclosure: List of Meeting Attendees

SUBJECT: SUMMARY OF AUGUST 28, 2025, PUBLIC MEETING, "PERIODIC ADVANCED REACTOR STAKEHOLDER MEETING." DATED: SEPTEMBER 10, 2025

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ADAMS Accession Number: [ML25253A270]**NRR-001**

OFFICE	NRR/DANU/UARP/PM	NRR/DANU/UARP/BC	NRR/DANU/UARP/PM
NAME	KMcElwee	MWentzel	KMcElwee
DATE	09/09/2025	09/09/2025	09/10/2025

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Attendance List ¹

Name	Organization
Michael Wentzel	U.S. Nuclear Regulatory Commission (NRC)
Angelica Gheen	NRC
Kristin McElwee	NRC
Ben Adams	NRC
Ayesha Athar	NRC
Deion Atkinson	NRC
Meg Audrain	NRC
Timothy Ayers	NRC
Inseok Baek	NRC
Michael Benson	NRC
Santosh Bhatt	NRC
Patrick Boyle	NRC
Christopher Brown	NRC
Kristy Bucholtz	NRC
Jesse Carlson	NRC
Krupskaya Castellon	NRC
Christopher Cook	NRC
Samuel Cuadrado de Jesus	NRC
Gordon Curran	NRC
Candace de Messieres	NRC
Stephanie Devlin-Gill	NRC
Ismael Garcia	NRC
Anders Gilbertson	NRC
Matthew Gordon	NRC
Michelle Hart	NRC
Matthew Humberstone	NRC
Andrea Johnson	NRC
Ian Jung	NRC
James Kinsey	NRC
Shawn Marshall	NRC
John Matrachisia	NRC
Jack Minzer Bryant	NRC
Charles Murray	NRC
Jared Nadel	NRC
Caty Nolan	NRC
Greg Oberson	NRC
James O'Driscoll	NRC
Grace Pennington	NRC
Hanh Phan	NRC
Stephen Philpott	NRC
Tracy Radel	NRC
Jeff Rady	NRC
William Reckley	NRC

¹ Attendance list based on Microsoft Teams Participant list. This list does not include individuals that connected via phone

Name	Organization
Beth Reed	NRC
Mehdi Reisi Fard	NRC
Cathleen Ridder	NRC
Kevin Roche	NRC
Cayetano Santos	NRC
Pravin Sawant	NRC
Jill Shepherd	NRC
Mohammed Shuaibi	NRC
Madhumita Sircar	NRC
Marty Stutzke	NRC
Travis Tate	NRC
Jenise Thompson	NRC
Ethan Tievy	NRC
Scott Tonsfeldt	NRC
Robert Tregoning	NRC
Nanette Valliere	NRC
Lucieann Vechioli Feliciano	NRC
Vince Voltaggio	NRC
Katie Wagner	NRC
Thomas Weaver	NRC
Christopher Welch	NRC
Beth Wetzel	NRC
Derek Widmayer	NRC
Jeffery Wood	NRC
Jing Xing	NRC
Jon Facemire	Nuclear Energy Institute (NEI)
Dave Grabaskas	Argonne National Laboratory (ANL)
Ryan Mott	Hadron Energy
Steve Smith	Antares Nuclear
Matt Griffin	Antares Nuclear
Carolyn Amon	Deloitte
Michael Dilorenzo	Public
Jason Christensen	Idaho National Laboratory (INL)
Lindsey Zimmerman	Corepower Energy
Bryan Nevius	Dominion Energy
Lon Andrew Dawson	Public
Chavoy Tyson	Institute of Nuclear Power Operations (INPO)
Jana Bergman	Curtiss Wright
Trace Orf	Public
Ryan Donald Henderson	Southern Company
Thomas Basso	NEI
Paul Jensen	Arizona Public Services
Nicholas McMurray	Public
Chris Nolan	Duke Energy
Sven Bader	Public
Dylan Freiermuth	American Nuclear Insurers
Thomas Braudt	Aalo
Zachary Hollcraft	Alva Energy

Name	Organization
Sean Kil	Electric Power Research Institute (EPRI)
Will Higgins	Public
Paul Loza	Public
Kenneth Thomas	Pacific Northwest National Laboratory
Tim Siefer	Public
Fred Beranek	Public
Rob Burg	Public
Alex Polonsky	Morgan Lewis
Matt Hendrickson	Public
Alex Mills	Corepower Energy
Phil Lashley	Holtec
Sandra Rushin	Public
Stephen Jeffrey Burdick	INL
Paolo Venneri	Public
Kyle Hope	Westinghouse
Robert Budnitz	Public
Brett McGlone	Public
Katie Weaver	Public
Ron Orzel	ANL
Will Pickle	Public
Pamela Gorman Prochaska	Xcel Energy
Jill Monahan	Public
Meimei Li	ANL
Chris Tyree	Bechtel
Ellery Baker	Dominion Energy
Boyce Travis	Public
Blaise Collin	Public
Sam Losow	Deloitte
Michael Empey	Jensen Hughes
Chase White	Clear Path
John Jackson	INL
Tyler Gates	Public
John McEntire	Public
Sari Alkhatib	ANL
Dorian Serradeil	Public
Edwin Lyman	Public
Greg Kanda	INPO
Marcus Nichol	NEI
Bret Colby	CPS Energy
Steve Nesbit	LMNT Consulting
Cyril Draffin	Public
Amanda Spalding	Westinghouse
Chet Sigmon	Public
Nick Kellenberger	Public
John Richards	EPRI
Don Statile	Public
Shanetta Howard	GE Vernova
Pascal Brocheny	Public

Name	Organization
Ewa Muzikova	Public
Fred Grant	Public
Archie Manoharan	Public
Lisa Bruedigan	Public
Tyler Lynch	X-Energy
Hunter Young	Jensen Hughes
Maury Pressburger	Sargent Lundy
Benjamin Matlaga	Public
Steve Rhyne	Public
Farshid Shahrokhi	Public
Bruce Knobloch	Public
Matthew Knudson	Deloitte
Julianne McCallum	NEI
Eric Thornsby	EPRI
Eric Gould	Public
Adam Stein	Public
Joy Jiang	The Breakthrough Institute
Eben Mulder	Public
Jeff Gromatzky	Enercon
Omar Fares Al Ali	INPO
Mary Miller	Dominion Energy
Earl Saito	Public
Steve Vaughn	Public
Dennis Petrarca	Public
Alison Hahn	NEI
Narasimha Prasad Kadambi	Public
Martin O'Neill	NEI
Eben Muder	Public
Carl Prather	Public
Kaniel Tilow	Public
John Kotek	NEI
Alan Evans	Public
Renee Fales	X-energy
Christopher Paul Chwasz	INL
Tisi Alphas Barlock	ANL
Travis Chapman	BWX Technologies
Margie Kotzalas	Public
Alex Renner	Public
Ben Chen	X-Energy
Isheetta Mistry	Rolls Royce
Ross Moore	Public
Scott Ferrara	INL
Mohamed Talaat	Public
Rani Franovich	Deep Fission
Clint Taylor	Public
Blaine Bockholt	INL
Ethan Graven	TerraPower
Jason Pottorf	Deep Fission

Name	Organization
Ben Chen	X-Energy
Pamela Fergen	Public
Earl Saito	GE Vernova
Jared Jones	Public
Kristin Ulmer	Southwest Research Institute
Raymond Burski	Public
Erik Langeteig	Public
Helen Cothron	EPRI
Francis Brunet	Public
Hangbok Choi	Public
Corey Mcdaniel	Public
Jesse Brown	Constellation Nuclear
Adrienne Himmelberger	Deloitte
Lisa Williams	Energy Northwest
Steven Arndt	Public
Kevin O'Sullivan	Public
Aaron Baltich-Schechter	Public
Nathan Clark	Energy Northwest
Ryan Whalen	Public
Mory Diané	Public
Lorin Young	Public
Robert Boston	Public
Steven Pope	Public
Matthew McCullough	Public
Daniel Woodworth	Southwest Research Institute
Marcus Hofmann	Dominion Energy
Stephan Moen	Energy Northwest
Sean McGinnis	Public
Ingrid Nordby	Public
Kevin Little	Public
Jason Andrus	INL
Chanson Yang	Radiant
Hussein Khalil	ANL
Hangbok Choi	Public
Patrick O'Neil	Public
Drew Nigh	X-Energy
Francis Brunet	Public
Fred Beranek	Public
John Reddington	Public
Spencer Toohill	Public
Frank Akstulewicz	Public
Tyler Lynch	X-Energy
Luke McSweeney	X-Energy
Siavash Dorvash	Public
Riccardo Cappa	Public
Kellen McCarroll	Public
Sonata Valaitis	Oklo
Ben Chen	Public

Name	Organization
Cyril Draffin	United States Nuclear Industry Council