



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

March 21, 2023

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

FROM: James G. O'Driscoll, Senior Project Manager  
Advanced Reactor Policy Branch  
Division of Advanced Reactors and Non-Power  
Production and Utilization Facilities  
Office of Nuclear Reactor Regulation

A handwritten signature in blue ink, appearing to read "J. O'Driscoll".

Signed by O'Driscoll, James  
on 03/21/23

SUBJECT: SUMMARY OF DECEMBER 15, 2022, PERIODIC ADVANCED  
REACTOR STAKEHOLDER PUBLIC MEETING

On December 15, 2022, 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:

- Graphite Component Modeling
- MACCS Reports
- Operator Cold License Training for Advanced Reactors
- Using Lessons Learned to Optimize Advanced Reactor Licensing Activities
- Workshops on Licensing Review Framework for Advanced Reactors Instrumentation and Controls.

The meeting notice is available in the NRC's Agencywide Documents Access and Management System (ADAMS) at Accession No. [ML22348A069](#), and the presentation slides are available at ADAMS Accession No. [ML22343A279](#). The Enclosure to this summary provides the attendees for the meeting as captured by Microsoft Teams.

For each topic listed above, the NRC staff provided information and allotted time for stakeholder comments and questions. Stakeholders provided feedback on several of the topics and asked clarifying questions. NRC staff stated that the feedback was appreciated. No follow-up actions were identified. Members of the public were in attendance and the NRC did not receive public meeting feedback forms.

CONTACT: James G. O'Driscoll, NRR/DANU  
301-415-1325

The NRC staff provided updates of the Advanced Reactor Integrated Schedule of Activities on the NRC's public website at <https://www.nrc.gov/reactors/new-reactors/advanced/integrated-review-schedule.html><https://www.nrc.gov/reactors/new-reactors/advanced/integratedreview-schedule.html>. The NRC staff noted that the schedule reflects activities that have recently been completed, updated, or added since the October 12, 2022, advanced reactor stakeholder meeting.

The NRC staff presented an overview of a graphite aging and degradation tool. The presentation provided the overview of the tool and its use. The presentation also provided a discussion on the need for the tool, its limitations, and an overview of important considerations when modeling graphite components.

The NRC staff and staff from Sandia National Laboratory presented an overview of three technical reports which discuss various technical issues that may apply to consequence analyses for non-light-water reactor designs.

Industry participation included the Nuclear Energy Institute. Mr. Rick Stadlander provided a presentation on a draft technical document that addresses operator license training plans for advanced nuclear reactors.

The NRC staff presented a summary on the NRC's use of lessons learned from previous licensing reviews to improve the agency's future advanced reactor licensing activities.

The NRC staff also discussed a proposal for future workshops with industry related to advanced reactor instrumentation and control systems. The purpose of the workshops would be to clarify details related to guidance for the submittal and review of these systems in licensing 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 me at 301-415-1325 or via email at [James.O'Driscoll@nrc.gov](mailto:James.O'Driscoll@nrc.gov).

Enclosure:  
Attendance List

SUBJECT: SUMMARY OF DECEMBER 15, 2022, PERIODIC ADVANCED REACTOR  
STAKEHOLDER PUBLIC MEETING DATED:

**DISTRIBUTION:**

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JO'Driscoll, NRR

**ADAMS Accession Numbers:**

**Pkg: ML23047A412**

**Notice: ML22348A069**

**Memo: ML23047A382**

**Slides: ML22343A279**

**NRC-001**

OFFICE	NRR/DANU/UARP/PM	NRR/DANU/UARP/BC	NRR/DANU/UARP/PM
NAME	JO'Driscoll	SLynch	JO'Driscoll
DATE	2/17/2023	3/14/2023	

**OFFICIAL RECORD COPY**

**Periodic Advanced Reactor Stakeholder Public Meeting Attendance List**

**December 15, 2022\***

<b>Name</b>	<b>Affiliation</b>
Patrick Alexander	Public
Gretchen Applegate	Public
Steven Arndt	Public
Kati Austgen	Public
Joseph Bass	NRC
Sam Baylis	Public
Donald Behnke	Public
Gwennael Beirnaert	Public
Jana Bergman	Public
Brian Bettes	NRC
Jerry Bingaman	Public
Mihaela Biro	NRC
John Bolin	Public
Owen Booler	Public
Stephen Burdick	Public
Rob Burg	Public
Anne Campbell	Public
Derek Caputo	Public
Alice Carson	Public
Mary Casto	NRC
William Catullo	Public
Ben Chen	NRC
Alexander Chereskin	NRC
Cathryn Chudy	Public
Kyle Clavier	Public
Dan Clayton	Public
Keith Compton	NRC
Luis Cruz Rosado	NRC
Amy Cabbage	NRC
Nathan Denney	NRC
Cyril Draffin	Public
Ossy Font	NRC
Bruce Foreman	Public
Rani Franovich	Public
John Fulton	Public
Nidia Gallego	Public
Darrell Gardner	Public

Enclosure

Charlotte Geiger	Public
Tina Ghosh	NRC
Ian Gifford	Public
Anders Gilbertson	NRC
Ashley Harper	Public
Justin Hawkins	Public
Zackery Helgert	NRC
Dennis Henneke	Public
Jordan Hoellman	NRC
Benjamin Holtzman	Public
Susan Hoxie-Key	Public
William Jessup	NRC
Kristin Kerwin	Public
Peter Kissinger	Public
Connie Kline	Public
Steven Kraft	Public
Jason Lang	Public
Adam Lee	NRC
Leigh Lloveras	Public
Deborah Luchsinger	Public
Edwin Lyman	Public
Steven Lynch	NRC
Andrea Mack	Public
Chuck Marks	Public
Helen Mayer	Public
Joey McPherson	NRC
Brian Meadors	Public
Cameron Minors	Public
Adrian Muniz	NRC
Tony Nakanishi	NRC
Marc Nichol	Public
Ingrid Nordby	Public
Phil O'Bryan	Public
James O'Driscoll	NRC
Eric Oesterle	Public
Michael Orenak	NRC
Trace Orf	Public
Jeffrey Parks	Public
Lisa Peterson	Public
Stephen Philpott	NRC
John Podhiny	Public

Steven Pope	Public
Zhou Quan	Public
Jesse Quick	Public
Edward (Ted) Quinn	Public
Eugene Rosolie	Public
Joseph Sebrosky	NRC
Emma Sevant	Public
M. A. Shah	Public
M.A. Shah	NRC
Farshid Shahrokhi	Public
Mohamed Shams	NRC
Phil Sharpe	Public
Charlyne Smith	Public
Amanda Spalding	Public
Rick Stadtlander	Public
Adam Stein	Public
Scott Tonsfeldt	NRC
Kelli Trotter	NRC
Nassia Tzelepi	Public
Christopher Ulmer	NRC
Anthony Valiaveedu	NRC
Jack Vande Polder	NRC
Mark Verbeck	Public
Adam Walker	Public
Kalene Walker	Public
Altheia Wyche	Public

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