



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

July 8, 2024

MEMORANDUM TO: Stephen S. Philpott, Chief (Acting)  
Advanced Reactor Licensing Branch 2  
Division of Advanced Reactors and Non-Power  
Production and Utilization Facilities  
Office of Nuclear Reactor Regulation

FROM: Kevin M. Roche, Project Manager  
Advanced Reactor Licensing Branch 2  
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 "K. Roche".

Signed by Roche, Kevin  
on 07/08/24

SUBJECT: SUMMARY OF MAY 22, 2024 - ADVANCED REACTOR  
CONSTRUCTION OVERSIGHT PROCESS PUBLIC  
WORKSHOP #3

**Meeting Information:**

Public Meeting Notice Agencywide Documents Access and Management System (ADAMS)  
Accession No.: [ML24129A079](#)

Presentation Slides ADAMS Accession No.: [ML24129A075](#)

In-person Participant Handout ADAMS Accession No.: [ML24163A042](#)

In-person NRC facilitator handout ADAMS Accession No.: [ML24163A041](#)

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

CONTACT: Kevin Roche, NRR/DANU  
(301) 415-1554

**Meeting Summary:**

The U.S. Nuclear Regulatory Commission (NRC) staff conducted the meeting in accordance with NRC Management Directive 3.5, "Attendance at NRC Staff-Sponsored Meetings" (ADAMS Accession No. [ML21180A271](#)). The main points of discussion during the meeting included:

The morning hybrid session topics included:

- The staff provided a brief recap of the previous workshops discussing the following:
  - ARCOP conceptual cornerstone framework
  - Inspection scoping options
  - Inspection of manufacturers
  - The proposed significance determination process (SDP)
  - Dispositioning manufacturer inspection findings
- The staff discussed the NRC Enforcement Policy and potential options for the ARCOP SDP including the following proposed flow charts:
  - Initial screening for inspection issues of concern
  - Dispositioning licensee findings
  - Dispositioning non-licensed manufacturer findings
  - Minor and more than minor determination
  - SDP table

The staff conducted an in-person afternoon session. During this session, the staff divided participants into two groups where they were given multiple examples of inspection issues and asked to use the proposed issue screening, more than minor, and SDP flowcharts to disposition the issue.

Participants were able to use the flowcharts to disposition issues consistent with the staff's intent of the examples. The staff did note the following during the exercises:

- The proposed unique designs and deployment models will require knowledgeable, trained inspectors to ensure that they disposition issues consistent with the NRC principles of good regulation.
- While the current fleet of operating reactor licensees is well versed in the how inspectors disposition issues, new vendors and licensees would benefit from additional workshops and training to solidify their knowledge and familiarity of the process.
- Inspector training and guidance is needed to understand the Part 50 licensing process and how it will impact inspection planning and issue disposition.
- Inspector guidance is needed on crediting design features that play an important role in fulfillment of fundamental safety functions when assessing the risk significance of issues, particularly for those features that are not subject to construction inspection like fuel design.

The NRC made no regulatory decisions during this meeting.

Enclosure: List of Meeting Attendees

cc: Advanced Reactor Stakeholder Meeting for the NRC  
Advanced Reactor Rulemaking and Guidance Development for the NRC via  
GovDelivery

SUBJECT: SUMMARY OF MAY 22, 2024 - ADVANCED REACTOR CONSTRUCTION  
OVERSIGHT PROCESS PUBLIC WORKSHOP #3 DATED: JULY 8, 2024

**DISTRIBUTION:**

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JGreives, R-I

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**ADAMS Accession No.:****Pkg: ML24163A038****Memo/Summary: ML24177A120****NRC Handout: ML24163A041****Participant Handout: ML24163A042****NRR-106**

OFFICE	NRR/DANU/UAL2/PM	NRR/DANU/UAL2	RII/DCO/DD
NAME	KRoche	CWelch	NCovert
DATE	06/25/2024	06/25/2024	06/25/2024
OFFICE	RI/DORS/PB4/BC	NRR/DANU/UAL2/BC	NRR/DANU/UAL2/PM
NAME	JGreives	SPhilpott	KRoche
DATE	06/27/2024	07/08/2024	07/08/2024

**OFFICIAL RECORD COPY**

**List of Meeting Attendees**

**ADVANCED REACTOR CONSTRUCTION OVERSIGHT PROCESS  
PUBLIC WORKSHOP #3\***

**May 22, 2024**

<b>Name</b>	<b>Organization</b>
Anthony Ponko	NRC
Binesh Tharakan	NRC
Carolyn Lauron	NRC
Christopher Welch	NRC
Frederick Sock	NRC
George Khouri	NRC
Ian Jung	NRC
James Gaslevic	NRC
Jonathan Greives	NRC
Joseph Ashcraft	NRC
JP Parent	NRC
Kevin Roche	NRC
Luis Colon Fuentes	NRC
Mihaela Biro	NRC
Ming Li	NRC
Nicole Coovert	NRC
Norbert Carte	NRC
Odunayo Ayegbusi	NRC
Ossy Font	NRC
Phil O'Bryan	NRC
Raju Patel	NRC
Robert Mathis	NRC
Weijun Wang	NRC
William Roggenbrodt	NRC
Abhinav Anup	Public
Ben Chen	Public
Brandon Norris	Public
Brett Banks	Public
Chace Allen	Public
Edwin Lyman	Public
Eric Thornsby	Public
Farshid Shahrokhi	Public
Gibboney, Sarah	Public
Jake Dolecki	Public
Jana Bergman	Public
Jeffrey Gehrlein	Public

Joe Gillespie	Public
Jon Facemire	Public
Mary H Miller	Public
Meredith Heh	Public
Michael Ellett	Public
Mike Keller	Public
Nick Ertle	Public
Nick Kellenberger	Public
Patrick Donnelly	Public
Rani Franovich	Public
Raymond Burski	Public
Rick Trotta	Public
Rob Burg	Public
Robert Boston	Public
Ronald Carpino	Public
Sarah Gibboney	Public
Sarah Horacek	Public
Steven Pope	Public
Tim Polich	Public
Tom Kozak	Public
Trace Orf	Public
Travis Chapman	Public

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