



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

September 12, 2024

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

Denise L McGovern

Signed by McGovern, Denise
on 09/12/24

FROM: Denise McGovern, Senior Project Manager
Advanced Reactor Licensing Branch 2
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE AUGUST 9, 2024, PARTIALLY CLOSED
MEETING FOR ENERGY NORTHWEST TO PROVIDE AN
OVERVIEW OF THEIR PLANNED XE-100 SMALL MODULAR
REACTOR PROJECT

Meeting Information:

On August 9, 2024, the U.S. Nuclear Regulatory Commission (NRC) staff held a public meeting with Energy Northwest (EN) staff to discuss EN's approach for their Small Modular Reactor Project, in support of a construction permit application for power reactors. Public Meeting Notice Agencywide Documents Access and Management System (ADAMS) Accession No.: ML24208A106.

This was a partially closed observation meeting. EN's slides used during the open portion of the meeting can be found in Presentation Materials for Energy Northwest Pre-Application Meeting ADAMS Accession No.: ML24218A141.

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

CONTACT: Denise McGovern, NRR/DANU
(301) 415-0681

Meeting Summary:

- The NRC staff began the meeting with introductions and explained that a portion of the meeting would be closed to the public to discuss proprietary information.
- During the open portion of the meeting, EN initiated the discussion with a brief overview of their company and current power generation projects including the Columbia Generating Station.
- EN discussed the regional energy resource challenges and how this project is synchronized with Federal and State initiatives.
- EN is proposing the Xe-100 Small Modular Reactor be built on the Hanford Reservation near Richland, WA on the site of the former WNP-1/WNP-4 projects.
- EN's project licensing approach is to use the 10 CFR Part 50 process to request a Construction Permit and Operating License.
- In addition to NRC licensing, EN requires a lease amendment for the Department of Energy and a Washington Site Certification Agreement.
- At the conclusion of the open portion of the meeting, the public was invited to make comments or ask questions of the NRC staff. No comments or questions from members of the public were received.
- During the closed portion of the meeting, EN discussed their project partners, funding, schedule, and licensing.
- No regulatory decisions were made as a result of this meeting.

Enclosure: List of Meeting Attendees

cc: X-Energy Xe-100 via GovDelivery

SUBJECT: SUMMARY OF THE AUGUST 9, 2024, PARTIALLY CLOSED MEETING FOR
ENERGY NORTHWEST TO PROVIDE AN OVERVIEW OF THEIR PLANNED
XE-100 SMALL MODULAR REACTOR PROJECT
DATED: SEPTEMBER 12, 2024

DISTRIBUTION:

PUBLIC

JHarvey, NRR

DMcGovern, NRR

AMuniz, NRR

SPhilpott, NRR

MLee, NRR

MWentzel, NRR

ZXi, NRR

SLai, NRR

ODukes, NRR

JThompson, NRR

KRoche, NRR

JGiacinto, NMSS

JDavis, NMSS

MRome, NMSS

RMathis, R-II

APonko, R-II

RidsNrrDanu Resource

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ADAMS Accession No.: ML24249A071**NRR-106**

OFFICE	NRR/DANU/UAL2:PM	NRR/DANU/UAL2:(A)BC	NRR/DANU/UAL2:PM
NAME	DMcGovern	SPhilpott	DMcGovern
DATE	09/05/2024	09/11/2024	09/12/2024

OFFICIAL RECORD COPY

LIST OF ATTENDEES
PARTIALLY CLOSED MEETING FOR ENERGY NORTHWEST TO PROVIDE AN OVERVIEW
OF THEIR PLANNED XE-100 SMALL MODULAR REACTOR PROJECT

August 09, 2024

Open Meeting Attendance

Name	Organization
Jackie Harvey	NRC
Denise McGovern	NRC
Adrian Muniz	NRC
Stephen Philpott	NRC
Jennifer Davis	NRC
Mike Lee	NRC
Robert Mathis	NRC
Michael Wentzel	NRC
Anthony Ponko	NRC
Zuhan Xi	NRC
Shao Lai	NRC
Ondra Dukes	NRC
Jenise Thompson	NRC
Kevin Roche	NRC
Joseph Giacinto	NRC
Michelle Rome	NRC
Stephan Moen	Energy Northwest
Denise Brandon	Energy Northwest
Lisa Williams	Energy Northwest
Chris Maxwell	Energy Northwest
Don Gregoire	Energy Northwest
Ken Langdon	Energy Northwest
Milton Gorden	X-energy
Jared Wicker	X-energy
Anthony Bockelman	Black & Veatch
Deb Luchsinger	Preferred License Services
Leigh Lloveras	Breakthrough Institute
Addison Hall	Dominion Energy
Michael Rosenmeier	Rizzo International
Maury Pressburger	Sargent & Lundy
Martin O'Neill	NEI
Spencer Toohill	
Sukjoon Kim	Argonne National Lab
Joy Jiang	
Edwin Lyman	
Michael Empey	Jensen Hughes

Enclosure

LIST OF ATTENDEES
CLOSED PORTION MEETING FOR ENERGY NORTHWEST TO PROVIDE AN OVERVIEW
OF THEIR PLANNED XE-100 SMALL MODULAR REACTOR PROJECT

August 9, 2024

Closed Meeting Attendance

Name	Organization
Jackie Harvey	NRC
Denise McGovern	NRC
Adrian Muniz	NRC
Stephen Philpott	NRC
Jennifer Davis	NRC
Mike Lee	NRC
Robert Mathis	NRC
Michael Wentzel	NRC
Anthony Ponko	NRC
Zuhan Xi	NRC
Shao Lai	NRC
Ondra Dukes	NRC
Jenise Thompson	NRC
Kevin Roche	NRC
Joseph Giacinto	NRC
Michelle Rome	NRC
Nicole Covert	NRC
Stephan Moen	Energy Northwest
Denise Brandon	Energy Northwest
Lisa Williams	Energy Northwest
Chris Maxwell	Energy Northwest
Don Gregoire	Energy Northwest
Ken Langdon	Energy Northwest
James Brownell	Energy Northwest
Milton Gorden	X-energy
Jared Wicker	X-energy
Stephen Stumne	WSP
Deb Luchsinger	Preferred License Services
Maury Pressburger	Sargent & Lundy