

AGENDA

Title: **ADVANCED REACTOR LANDSCAPE: CURRENT STATUS AND MOVING FORWARD (Public Meeting)**

Purpose: To provide an overview of the advanced reactor landscape, both externally and internally, and discuss the path forward for licensing and regulatory infrastructure needs.

Scheduled: **July 21, 2026**
9:00 am

Duration: Approx. 3 hours

Location: Commissioners' Hearing Room, 1st Floor OWFN

Participants: **Presentation**

External Panel **42 mins.***

Theodore Garrish, Assistant Secretary of Energy for Nuclear Reactors, Department of Energy 7 mins.

Topic:

- Department of Energy (DOE) Reactor Pilot Program, Vision and Status Update

Beth Vary, Director General, Directorate of Advanced Reactor Technologies, Canadian Nuclear Safety Commission, 7 mins.

Topic:

- Benefits of International Collaboration

George Wilson, Senior Vice President of Regulatory Affairs, TerraPower 7 mins.

Topic:

- Licensing of the Sodium Reactor and Construction Update

Rita Baranwal, Chief Nuclear Officer, Radiant 7 mins.

Topics:

- Leveraging a DOE Authorization in NRC Licensing
- NRC Pre-application Engagement Experience

Nader Mamish, Vice President, Global Regulatory Affairs, Westinghouse 7 mins.

Topic:

- Plans for Domestic Deployment of AP1000 Design

Jennifer Wheeler , Vice President, Regulatory Affairs, X-energy	7 mins.
<u>Topic:</u>	
• Fuel Development	
Commission Q & A	50 mins.
Break	5 mins.
<u>NRC Staff Panel</u>	35 mins.*
Mike King , Executive Director for Operations	
<u>Topic:</u>	
• Introduction	
Jeremy Bowen , Director, Office of Advanced Reactors	
<u>Topics:</u>	
• Culture for Optimizing Reviews for Advanced Reactors	
• Advanced Reactor Priorities, Accomplishments, and Challenges	
• Transparency of Advanced Reactor Program Activities and Performance	
Christian Araguas , Deputy Director for Engineering and Science Office of Advanced Reactors	
<u>Topics:</u>	
• Enhancements to the Advanced Reactor Regulatory Framework	
• Value of Pre-Application Engagement to Understand Applicant Needs and to Resolve Novel Issues Early	
• Lessons Learned from Recent Reviews	
Michele Sampson , Deputy Director for Licensing and Programs, Office of Advanced Reactors	
<u>Topics:</u>	
• Collaborating with International Partners on Advanced Reactor Licensing Reviews	
• Leveraging DOE and Department of Defense Authorizations to Facilitate Timely NRC Licensing	
• Use of Research to Inform Future Licensing and Oversight Activities	
Kimyata Savoy , Director, Division of Spent Fuel Storage and Transport, Office of Nuclear Material Safety and Safeguards	
<u>Topic:</u>	
• Streamlining NEPA Reviews for Advanced Reactors	
Commission Q & A	50 mins.
Discussion – Wrap-Up	5 mins.