

PUBLIC MEETING ANNOUNCEMENT

Title: ADVANCE Act, Section 401 - Guidance Development: NDE of Novel Materials (DD5) / Use of New Technologies to Increase Manufacturing Flexibility in Transport Package Designs (N1)

Date(s) and Time(s): September 03, 2025, 01:00 PM to 05:00 PM PT

Location: Teleconference

Category: This is an Information Meeting with a Question and Answer Session. The purpose of this meeting is for the NRC staff to meet directly with individuals to discuss regulatory and technical issues. Attendees will have an opportunity to ask questions of the NRC staff or make comments about the issues discussed throughout the meeting; however, the NRC is not actively soliciting comments towards regulatory decisions at this meeting.

Purpose: In response to the ADVANCE Act, Section 401 (ML24292A171), NRC staff are potentially developing guidance on non-destructive examination (NDE) of novel materials (DD5) and the use of new technologies to increase manufacturing flexibility for transport package designs (N1). NRC staff is holding a public meeting to facilitate the exchange of technical information between NRC Staff and External/Industry Program Stakeholders. The focus of this meeting will be to (1) gauge the current level of interest from Industry for guidance in the aforementioned areas and (2) provide information to assist NRC staff in the establishing and optimizing the scope of guidance. Among the information sought is the anticipated timeline(s) for development of materials via advanced manufacturing for use in light water reactors as well as near-term and mid-term and advanced reactors designs.

This is part of the agency's efforts to enable efficient safety and licensing reviews.
#ADVANCENRC

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Participants:

<u>NRC</u>	<u>External</u>
Office of Nuclear Reactor Regulation	US Department of Energy
Office of Nuclear Material Safety and Safeguards	Electric Power Research Institute (EPRI)
Office of Nuclear Regulatory Research	Industry Representatives

Teleconference:

<u>Bridge Number</u>	<u>Conference ID</u>	<u>Pass Code</u>
(301) 576-2978	255936695#	

Webinar:

<u>URL</u>	<u>Meeting Number</u>	<u>Password</u>
https://teams.microsoft.com/l/meetup-join/19%3ameeting_NGUxNWI4MTgtMzQwZi00NDljLTk1ZDYtMzYwMTNiYTlIOGQ1%40thread.v2/0?context=%7b%22id%22%3a%22e8d01475-c3b5-436a-a065-5def4c64f52e%22%2c%22oid%22%3a%2262db8727-f855-4b62-8715-8ed2f86c51b3%22%7d	222 140 702 074 8	zn7qw6Eq

If you need a reasonable accommodation due to a disability to participate in this meeting or need meeting materials in another format (e.g. braille, large print), please email Reasonable_Accommodations.Resource@nrc.gov. Determinations on requests for reasonable accommodation will be made on a case-by-case basis and the agency may choose between which effective accommodations to provide. At least ten (10) days advance notice is recommended in order for a request to be processed and implemented if approved. However, every effort will be made to address any reasonable accommodations requests received with less notice.

If you have difficulty understanding and/or communicating in English, free language assistance or other aids and services may be available, upon request. Please email lepresources@nrc.gov. Determinations on requests will be made on a case-by-case basis. At least ten (10) days advance notice is recommended in order for a request to be processed and implemented if approved. However, every effort will be made to address any reasonable accommodations requests received with less notice.

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<i>Time</i>	<i>Topic</i>	<i>Speaker</i>
1:00 PM	Welcome / Opening Remarks	NRC
1:10 PM	NDE of Novel Materials (DD5) Presentation	NRC
2:10 PM	DD5 Perspective Discussion	NRC / DOE / EPRI / Industry
2:50 PM	BREAK	
3:00 PM	Transportation Package Designs (N1) Presentation	NRC
4:00 PM	N1 Perspective Discussion	NRC / DOE / EPRI / Industry
4:50 PM	Closing Remarks	NRC
5:00 PM	Adjourn	

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