



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

October 20, 2021

MEMORANDUM TO: Angela R. Buford, Chief
Vessels and Internals Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

FROM: Isaac A. Anchondo-Lopez, Project Manager **/RA/**
Vessels and Internals Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF SEPTEMBER 16, 2021, CATEGORY 3 COMMENT
GATHERING PUBLIC WEBINAR REGARDING THE DISCUSSION
OF ADVANCE MANUFACTURING TECHNOLOGIES DRAFT
GUIDELINES DOCUMENTS

On September 16, 2021, the U.S. Nuclear Regulatory Commission (NRC) held a Category 3 Comment-Gathering public webinar to allow the NRC staff to discuss two draft documents titled, "Draft Advance Manufacturing Technologies Review Guidelines," (Agencywide Documents Access and Management System (ADAMS) Accession No ML21074A037) and "Draft Guidelines Document for Additive Manufacturing – Laser Powder Bed Fusion" (ADAMS No. ML21074A040) developed under the agency's Advance Manufacturing Technologies (AMT) Action Plan (ADAMS No. ML19333B980).

The staff communicated the following takeaways:

- Regulatory Preparedness – The NRC staff is developing draft guidelines to define generic technical information to be addressed during reviews of licensing actions requesting the use of an AMT.
- Technical Letter Reports (TLR) are being generated for each AMT technology defined in the agency's AMT Action Plan that will provide the technical basis information and gap analysis to develop the draft guidelines.

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- A Technical Assessment (TA) document will be prepared for each TLR. The intent of the TA is for NRC staff to provide context to the gaps identified in the TLR from the staff's perspective. The TA will highlight key technical information related to the specific AMT's use for nuclear applications
- Draft guidelines will be developed by NRC staff and will be informed by each AMT-specific TA and TLR. Ultimately, each AMT-specific draft guidelines will supplement the Draft AMT Review Guidelines document.
- There will be additional interaction opportunities between NRC staff, external stakeholders, and members of the public as additional AMT-specific draft guidelines are developed.

Over 30 stakeholders attended the meeting with participation from the Nuclear Energy Institute (NEI), Westinghouse, and multiple licensees. A representative from NEI and Westinghouse engaged in a discussion regarding consistency in terminology used in the presented documents. NEI mentioned that voluntary comments will be submitted to the NRC staff.

Members of the public that might have been in attendance did not participate in the allocated discussion times.

Please direct any inquiries to me at 817-200-1152 or via e-mail at Isaac.Anchondo-Lopez@nrc.gov.

Enclosure:
List of Attendees

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ADAMS Accession Number: ML21293A129

***via email**

OFFICE	NRR/DNRL/NVIB	NRR/DNRL/NVIB: BC	NRR/DNRL/NVIB
NAME	IAnchondo-Lopez	ABuford	IAnchondo-Lopez
DATE	10/01/21*	10/20/21*	10/20/21*

LIST OF ATTENDEES
SEPTEMBER 16, 2021, PUBLIC WEBINAR
PUBLIC WEBINAR ON DISCUSSION OF ADVANCE MANUFACTURING TECHNOLOGIES
DRAFT GUIDELINES DOCUMENTS

Name	Organization
Isaac Anchondo-Lopez	NRC
Jason A Christensen	
Richard E Jacob	
Shah Malik	NRC
Hilary Lane	NEI
Raj Iyengar	NRC
Matthew Hiser	NRC
Carolyn Fairbanks	NRC
Daniel Mann	
Robert Tregoning	NRC
Bruce Lin	NRC
David Rudland	NRC
Steve Ruffin	NRC
Dan Denis	
Shawn P Moylan	
David Huegel	Westinghouse
Carl L Friant	Exelon Nuclear
Edward C. Renaud	Westinghouse
Mark Yoo	NRC
Benjamin Betzler	
Angela Buford	NRC
Paul W. Witherell	
Alex Huning	
Becky Christofferson	
Matthew P LeVasseur	BWX Technologies, Inc
Edward Coulter	
Robert Davis	NRC
James Stouch	
Amy Hull	NRC
Michael Franzen	
Allen Hiser	NRC
Dong Park	NRC
Marisa G Heras	
Savannah Fitzwater	