



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

February 11, 2021

MEMORANDUM TO: Hipolito Gonzalez, Chief  
Vessels and Internals Branch  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

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

SUBJECT: SUMMARY OF JANUARY 14, 2021, CATEGORY 2 PUBLIC  
WEBINAR ON IMPLEMENTATION OF QUALITY ASSURANCE  
AND 10 CFR 50.59 CRITERIA FOR ADVANCE  
MANUFACTURING TECHNOLOGY NUCLEAR PLANT  
COMPONENTS

A handwritten signature in black ink, appearing to read "Isaac Anchondo-Lopez".

Signed by Anchondo-Lopez  
on 02/11/21

On January 14, 2021, the NRC held a Category 2 public meeting to discuss the U.S. Nuclear Regulatory Commission (NRC) implementation of Quality Assurance (QA) criteria and Title 10 of the *Code of Federal Regulations* (10 CFR) 50.59 for nuclear plant components produced using Advanced Manufacturing Technologies (AMTs). The staff presented the basis for using this criterion as documented in the QA and 50.59 draft basis document (Agencywide Documents Access and Management System (ADAMS) Accession No ML20317A005).

The staff communicated the following takeaways:

- Generic Challenge – Limited U.S. Nuclear Power Plant Operational Experience. Additional technical data is needed to better understand the scope of design, QA, and 10 CFR 50.59 issues for AMT items.
- There are no specific challenges currently identified. The staff has concluded that existing requirements and guidance are currently deemed adequate to facilitate the implementation of AMT components.
- The final basis document will be formally issued from NRR to the NRC Regional offices to inform Reactor Oversight Process inspections of AMT components.
- There will be continuing interactions between NRC Headquarter, Regional offices, Industry, and the public on implementation of QA and 10 CFR 50.59 criteria for changes using AMTs.

The Federal Register has released the corresponding draft basis document with the public

comment period closing on February 8, 2021 (ADAMS Accession No ML20317A006). Over 60 stakeholders attended the meeting with participation from the Nuclear Energy Institute (NEI) and multiple licensees. A representative from NEI provided specific comments regarding certain sections of the document and terminology used within the document. NEI assure the staff that these comments will be officially submitted through the federal registry.

Members of the public that might have been in attendance did not have any questions.

Please direct any inquiries to me at 817-200-1152 or via e-mail at [Isaac.Anchondo-Lopez@nrc.gov](mailto:Isaac.Anchondo-Lopez@nrc.gov).

Enclosure:  
List of Attendees

LIST OF ATTENDEES

JANUARY 14, 2021, PUBLIC MEETING

VIRTUAL SEMINAR ON IMPLEMENTATION OF QUALITY ASSURANCE AND 10 CFR 50.59  
CRITERIA FOR ADVANCE MANUFACTURING TECHNOLOGY

<b>Name</b>	<b>Organization</b>
Jana Bergman	Curtis-Wright
Thomas R. Loomis	Exelon
Allison Read	EPRI
Chris Wiltz	Framatone
Marc Tannenbaum	EPRI
Albert Lafleur	NexEra enery
Michael Russel	Oak Ridge National Laboratory
Hongqing Xu	Nuscale
Isaac Anchondo-Lopez	NRC
Christopher Sydnor	NRC
Hipolito Gonzalez	NRC
Carolyn Fairbanks	NRC
David Beaulieu	NRC
Anna Bradford	NRC
Bob Caldwell	NRC
Dong Park	NRC
David Rudland	NRC
Hilary Lane	NEI
Maher Kassar	Exelon
Randal Fair	
Geoffrey Ottenberg	NRC
Brian L. Mount	
Jonathan Braisted	NRC
Michael Benson	NRC
John Tsao	NRC
Edward Coulter	
Alyson Coates	
Marc Albert	
Jana Bergman	
Jason A. Christensen	
Jon Talbott	
Jonathan Thomas	
Jeremy Quinn	Toshiba America Energy Systems
Robert Tregoning	NRC
Kevin Mangan	NRC
Larry Nicholson	
Dirk Cairns-Gallimore	

Kerri Kavanagh	NRC
Jeffry Simmons	Toshiba America Energy Systems
Allen Hiser	NRC
Amy Hull	NRC
Brian Harris	NRC
Daniel Paul Stout	
Robert Davis	NRC
On Yee	NRC
Cailyn B Ludwig	
Matthew Hiser	NRC
Neil Sheehan	NRC
Mark Yoo	NRC