



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

July 29, 2021

MEMORANDUM TO: David J. Wrona, Chief
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

FROM: Michael J. Wentzel, Project Manager */RA/*
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE JULY 22, 2021, PUBLIC MEETING TO
DISCUSS CHANGES TO THE ACCIDENT TOLERANT FUEL
PROJECT PLAN

On July 22, 2021, the U.S. Nuclear Regulatory Commission (NRC) staff conducted a public meeting with representatives from the nuclear industry to discuss changes made in draft Revision 1.2 of the Accident Tolerant Fuel (ATF) Project Plan (Agencywide Documents Access and Management System (ADAMS) Accession No. ML21188A117). The purpose of the meeting was to 1) provide an overview of the changes that have been made to the project plan and 2) solicit stakeholder feedback on the changes. The meeting notice can be found in ADAMS at Accession No. ML21190A016. The NRC meeting slides can be found at ADAMS Accession No. ML21202A230.

Bo Pham, Director of the Division of Operating Reactor Licensing, and Joe Donoghue, Director of the Division of Safety Systems, both from the Office of Nuclear Reactor Regulation, made opening remarks. The NRC staff's first presentation provided a high-level overview of the changes made in draft Revision 1.2 of the project plan. The NRC staff's second presentation focused on providing an overview of the Regulatory Framework Applicability Analysis that has been added to Appendix A of the plan.

Following the completion of the staff's presentations, the NRC staff opened the meeting to solicit stakeholder feedback on changes made to the plan. Representatives from Nuclear Energy Institute (NEI) and Framatome provided feedback for the NRC staff to consider as it finalizes the project plan revision. Enclosure 1 contains the feedback received during the meeting. The

representative from NEI stated that the organization intended to provide additional detailed comments via letter by August 6, 2021.

Approximately 65 members of the public and representatives from the industry attended the meeting. No comments were received during the public comment portion of the meeting and no regulatory decisions were made during the meeting.

Enclosures:

1. Feedback Received on Draft Project Plan
2. List of Attendees

FEEDBACK RECEIVED ON DRAFT ACCIDENT TOLERANT FUEL PROJECT PLAN

Source	Comment
Nuclear Energy Institute (NEI)	The industry sees overall positive environmental benefits (e.g., fewer shipments, less amounts of uranium, etc.) and strongly encourages the U.S. Nuclear Regulatory Commission (NRC) to evaluate environmental issues generically and update the plan to reflect.
NEI	Suggest adding the use of exemptions to the licensing pathways and describe how they will be used in licensing accident tolerant fuels.
NEI	There are several mentions of near-term and long-term burnup concepts. The industry sees both as near-term and request the NRC staff to clarify what is meant.
NEI	The definition of "High Quality" refers to "quantities of data." What is meant by this term? Regarding "high quality, risk-informed submittal," what is it that the NRC staff thinks is important for industry to know and include?
NEI	The project plan should address need for the NRC to collaborate with foreign counterparts for uranium hexafluoride overpacks.
NEI	Regarding fuel fragmentation, relocation, and dispersal (FFRD), the project plan should acknowledge industry's pursuit of the "alternate licensing strategy."
NEI	Regarding the term "FFRD burnup threshold," the NRC staff should remove the term "burnup" because there could be other factors that affect or determine thresholds.
NEI	Regarding the term "Consequences" in Tasks 3 and 4 in the PRA section, the NRC staff should add a discussion about how the staff plans to address dispersal and consequences.
NEI	The licensing pathway diagram shows that Advisory Committee on Reactor Safeguards review is a possible delay to approval of license amendment requests. The NRC staff should add information about how to avoid delays due to Advisory Committee on Reactor Safeguards review.
Framatome	Recommend that the NRC staff perform a word search for "must" to ensure the use is intentional and actually reflects a requirement.

LIST OF ATTENDEES

PUBLIC MEETING TO DISCUSS CHANGES TO THE

ACCIDENT TOLERANT FUEL PROJECT PLAN

JULY 22, 2021

Name	Organization
Michelle Bales	U.S. Nuclear Regulatory Commission (NRC)
Scott Bussey	NRC
Paul Clifford	NRC
James Corson	NRC
Marilyn Diaz Maldonado	NRC
Joseph Donoghue	NRC
Brian Glowacki	NRC
Hipo Gonzalez	NRC
Kimberly Green	NRC
James Hammelman	NRC
Kevin Heller	NRC
Andrea Kock	NRC
John Lehning	NRC
Bob Lukes	NRC
Joseph Messina	NRC
Dennis Morey	NRC
Ngola Otto	NRC
Donald Palmrose	NRC
Mathew Panicker	NRC
Bo Pham	NRC
Jason Piotter	NRC
MJ Ross-Lee	NRC
Phillip Sahd	NRC
Fred Schofer	NRC
Neil Sheehan	NRC
Jeremy Smith	NRC
Rao Tammara	NRC
Michael Wentzel	NRC
Josh Whitman	NRC
Brandon Wise	NRC
John Wise	NRC
Carolyn Wolf	NRC
David Wrona	NRC

Name	Organization
Darius Ahrar	Public
Hatice Akkurt	Electric Power Research Institute
David Andersson	Public
Nima Ashkeboussi	Nuclear Energy Institute
Jana Bergman	Curtiss-Wright
Dwayne Blaylock	Public
Mark Brossart	Public
Nathan Capps	Public
Johnathan Chavers	Public
Robert Daum	Electric Power Research Institute
Christopher Edgar	General Electric (GE)
Russ Fawcett	GE
Jesse Fisher	Public
Jeff Gabor	Public
William Gassmann	Exelon
Cheryl Ann Gayheart	Southern Nuclear Operating Company
Lisa Gerken	Framatome
Kent Halac	GE
Robert Hall	Public
Luther Hallman, Jr	Public
John Hannah	GE
Stanley Hayes	Public
Stephen Hess	Public
Nathan Hottle	Public
Susan Hoxie-Key	Public
Zeses Karoutas	Public
Storm Kauffman	Public
Jeffrey Kobelak	Public
Suzanne Kroma	GE
Sam Lafountain	Public
Mason Makovicka	GE
Alex Markivich	Public
Brian Moore	GE
Will Morris	Public
A. Kurshad Muftuoglu	GE
Kinya Nakamura	Public
Larry Nicholson	Public
Robert Oelrich	Public
Gary Peters	Framatome
Ian Porter	GE
Robert Schillat	Public
Tyler Schweitzer	GE
Fred Smith	Public

Name	Organization
Ryan Sweet	Public
Karen Tyler	GE
Tao Wu	GE
Andrew Zach	U.S. Senate, Environment and Public Works Committee

SUBJECT: SUMMARY OF THE JULY 22, 2021, PUBLIC MEETING TO DISCUSS
 CHANGES TO THE ACCIDENT TOLERANT FUEL PROJECT PLAN DATED
 JULY 29, 2021

DISTRIBUTION:

PUBLIC	M Diaz Maldonado	B Pham
ATF	J Donoghue	J Piotter
RidsACRS_MailCTR	B Glowacki	M Ross-Lee
Resource	H Gonzalez	P Sahn
RidsNrrDorl Resource	K Green	Fred Schofer
RidsNrrDorlLpl2-2	J Hammelman	N Sheehan
Resource	K Heller	Je Smith
RidsNrrLARButler Resource	A Kock	R Tammara
RidsNrrSfnb Resource	J Lehning	M Wentzel
RidsOpaMail Resource	R Lukes	J Whitman
MBales	J Messina	B Wise
S Bussey	D Morey	J Wise
P Clifford	N Otto	C Wolf
J Corson	D Palmrose	D Wrona
	M Panicker	

ADAMS Accession Nos.:

ML21208A152 (Package)

ML21208A146 (Summary)

ML21190A016 (Meeting Notice)

ML21202A230 (NRC Meeting Slides)

***via e-mail**

OFFICE	NRR/DORL/LPL2-2/PM	NRR/DORL/LPL2-2/LA	NRR/DSS/SFNB/BC
NAME	MWentzel	RButler	RLukes
DATE	7/27/2021	7/28/2021	7/29/2021
OFFICE	NRR/DORL/LPL2-2/BC	NRR/DORL/LPL2-2/PM	
NAME	DWrona	MWentzel	
DATE	7/27/2021	7/29/2021	

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