



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

June 28, 2023

MEMORANDUM TO: Joseph E. Donoghue, Director  
Division of Safety Systems  
Office of Nuclear Reactor Regulation

Bo M. Pham, Director  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Michael X. Franovich, Director  
Division of Risk Assessment  
Office of Nuclear Reactor Regulation

Christopher M. Regan, Director  
Division of Rulemaking  
Environmental and Financial Support  
Office of Nuclear Material Safety and Safeguards

Shana R. Helton, Director  
Division of Fuel Management  
Office of Nuclear Material Safety and Safeguards

Kimberly A. Webber, Director  
Division of Systems Analysis  
Office of Nuclear Regulatory Research

FROM: Gerond A. George, Chief */RA/*  
Licensing Projects Branch  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

SUBJECT: APPROVAL OF THE ACCIDENT TOLERANT FUEL ROADMAP  
TO READINESS

The purpose of this memorandum is to transmit the approval of the accident tolerant fuel (ATF) "Roadmap to Readiness" graphic. This graphic will complement the ATF project plan (Agencywide Documents Access and Management System (ADAMS) Accession No. ML21243A298), providing (1) a graphical representation of the project timeline; (2) project efficiency and reliability; (3) regulatory certainty of licensing near-term ATF, increased enrichment, and higher burnup technologies; and (4) a visual of critical milestones anticipated to maintain a mid-to-late 2020s batch loading deployment timeline for the entire suite of near-term ATF, increased enrichment, and higher burnup.

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The information presented does not supersede any regulations or guidance and the information presented should not be interpreted as new regulatory requirements or guidance. The external stakeholders provided feedback, prior to approval, during the public meeting on May 10, 2023 (ADAMS Accession No. ML23137A262). The future updates will be on an ongoing basis and evaluated biannually, through continued stakeholder engagements.

Enclosure:  
As stated

SUBJECT: APPROVAL OF THE ACCIDENT TOLERANT FUEL ROADMAP TO READINESS DATED JUNE 28, 2023

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**ADAMS Accession Nos:**  
**Package: ML23158A288**  
**Memo: ML23158A295**  
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**NRR-106**

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