



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

May 29, 2026

Mr. John Bolin  
Senior Staff Engineer, Nuclear  
Technologies and Materials Division  
General Atomics – Electromagnetic  
Systems  
16530 Via Esprillo  
San Diego, CA 92127

SUBJECT: GENERAL ATOMICS ELECTROMAGNETIC SYSTEMS (GA-EMS) – NRC  
FEEDBACK REGARDING GA-EMS WHITE PAPER: ACCELERATED FUEL  
QUALIFICATION PLAN OF THE FAST MODULAR REACTOR FUEL IN A  
THERMAL REACTOR (EPID L-2025-LRO-0046)

Dear Mr. Bolin:

By letter dated July 1, 2025 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML25182A363) General Atomics Electromagnetic Systems (GA-EMS) submitted a white paper (WP) titled, "Accelerated Fuel Qualification Plan of the Fast Modular Reactor Fuel in a Thermal Reactor," for the U.S. Nuclear Regulatory Commission (NRC) staff's review.

The enclosure to this letter provides the NRC staff's feedback pertaining to this white paper. If you have questions regarding this matter, please contact me at (301)-415-2946 or via email at [samuel.cuadradojesus@nrc.gov](mailto:samuel.cuadradojesus@nrc.gov).

Sincerely,

Samuel Cuadrado, Project Manager  
Advanced Reactor Licensing Branch 1  
Division of Advanced Reactors and Non-Power  
Production and Utilization Facilities  
Office of Nuclear Reactor Regulation

Project No.: 99902098

Enclosure:  
As stated