



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

June 26, 2024

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

**SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION STAFF FEEDBACK REGARDING
GENERAL ATOMICS ELECTROMAGNETIC SYSTEMS WHITE PAPER: "FAST
MODULAR REACTOR SELECTION OF LICENSING BASIS EVENTS" (EPID L-
2024-LRO-0007)**

Dear Mr. Bolin:

By letter dated January 11, 2024 (Agencywide Documents Access and Management System (ADAMS) Accession No.: ML24011A221) General Atomics Electromagnetic Systems (GA-EMS) submitted a white paper titled, "Fast Modular Reactor Selection of Licensing Basis Events," for the U.S. Nuclear Regulatory Commission (NRC) staff's review. The WP describes the selection process of licensing basis events applicable to GA-EMS's helium-cooled fast modular reactor design.

The enclosure to this letter provides the NRC staff's feedback on the January 11, 2024, white paper for GA-EMS to consider as part of any future submittal that may address this topic.

J. Bolin

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If you have questions regarding this matter, please contact Samuel Cuadrado DeJesus via email at Samuel.CuadradoDeJesus@nrc.gov.

Sincerely,



Signed by Borrromeo, Josh
on 6/26/2024

Joshua Borrromeo, Chief
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

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION STAFF FEEDBACK REGARDING GENERAL ATOMICS ELECTROMAGNETIC SYSTEMS WHITE PAPER: "FAST MODULAR REACTOR SELECTION OF LICENSING BASIS EVENTS" (EPID L-2024-LRO-0007) DATED: JUNE 26, 2024

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