



June 27, 2024

Docket No: 99902098

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Subject: Transmittal of GA-EMS Fast Modular Reactor Quality Assurance Program Description Topical Report

General Atomics - Electromagnetic Systems (GA-EMS) is submitting to the Nuclear Regulatory Commission (NRC) the Fast Modular Reactor (FMR) Quality Assurance Program Description (QAPD) Topical Report for pre-application license review. The enclosed topical report incorporates previously transmitted responses to NRC staff request for additional information (RAI) and minor content clarifications. Revision 4 of the topical report in Enclosure 1 contains no proprietary information.

This activity is in support of the DOE award for the cost-share agreement DE-NE0009052 under the Advanced Reactor Concepts – 20 (ARC-20) program. Assuming GA-EMS has responded adequately to the RAIs and clarifications, minimal additional interaction is expected leading to a Safety Evaluation Report on the topical report.

If you have any questions or need any additional information, please contact John Bolin by email at [john.bolin@ga.com](mailto:john.bolin@ga.com) or by phone at 858-762-7576.

Sincerely,

A handwritten signature in black ink that reads "John Bolin". The signature is cursive and fluid, with the first name "John" and last name "Bolin" clearly legible.

John Bolin  
Nuclear Technologies and Materials Division  
General Atomics – Electromagnetic Systems

Enclosures:

1. "Fast Modular Reactor Quality Assurance Program Description," 30599T00006 Rev. 4, June 27, 2024 (Non-proprietary).

cc: [Samuel.CuadradoDeJesus@nrc.gov](mailto:Samuel.CuadradoDeJesus@nrc.gov)  
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