



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

August 1, 2023

Mr. R. Keith Brown
Regulatory Affairs Director
Southern Nuclear Operating Co., Inc.
3535 Colonnade Parkway
Birmingham, AL 35243

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT, UNIT 2 - EXEMPTION FROM THE REQUIREMENTS OF 10 CFR PART 50, APPENDIX K, "ECCS [EMERGENCY CORE COOLING SYSTEMS] EVALUATION MODELS" (EPID L-2022-LLE-0021)

Dear Mr. Brown:

The U.S. Nuclear Regulatory Commission has approved the enclosed exemptions from specific requirements of Title 10 of the *Code of Federal Regulations* (10 CFR), Part 50, Appendix K, "ECCS [Emergency Core Cooling Systems] Evaluation Models," for Vogtle Electric Generating Plant (Vogtle), Unit 2. This action is in response to your application dated June 30, 2022, as supplemented by letters dated September 13, 2022, and January 20, and May 5, 2023, that requested exemptions to allow the use of AXIOM fuel rod cladding material in lead test assemblies 7ST1, 7ST2, 7ST3, and 7ST4 for up to two cycles of operation at Vogtle, Unit 2.

A copy of the exemptions is enclosed. The exemptions have been forwarded to the Office of the Federal Register for publication.

Sincerely,

/RA/

John G. Lamb, Senior Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-425

Enclosure:
Exemption

cc: Listserv

ENCLOSURE

EXEMPTION

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NRR-106

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