



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

April 22, 2020

MEMORANDUM TO: Victor Hall, Chief
Vogtle Project Office
Office of Nuclear Reactor Regulation

FROM: Donald Habib, Project Manager */RA/*
Vogtle Project Office
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF AUDIT FOR VOGTLE ELECTRIC GENERATING
PLANT UNITS 3 AND 4, REQUEST FOR LICENSE
AMENDMENT: RECONCILIATION OF ENVIRONMENTAL
CONDITIONS INPUTS TO CIVIL STRUCTURAL DESIGN
LICENSING BASIS (LAR 19-019) (EPID L-2019-LLA-0279)

By letter dated December 13, 2019 (Agencywide Documents Access and Management System (ADAMS) Accession Number ML19347C046), as supplemented by letter dated March 20, 2020 (ADAMS Accession No. ML20080H345) Southern Nuclear Operating Company (the licensee) requested an amendment to Combined License (COL) Nos. NPF-91 and NPF-92, for Vogtle Electric Generating Plant (VEGP) Units 3 and 4, respectively.

The requested amendment would change the Updated Final Safety Analysis Report in the form of departures from the incorporated plant-specific Design Control Document (DCD) Tier 2 information.

The requested amendment includes changes to revise the normal thermal loads for the passive containment cooling system tank; revise the accident thermal loads for the exterior walls below grade and basemat in the auxiliary building; and update the critical section tables for the auxiliary building basemat, concrete walls, and floors, the shield building roof, and the spent fuel pool west wall in the Updated Final Safety Analysis Report.

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V. Hall

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The Structural, Civil, Geotech, Engineering Branches A and B (ESEA and ESEB) conducted an audit from January 29, 2020 to March 20, 2020, to gain a better understanding of the proposed changes and to review related documentation and non-docketed information in order to evaluate the acceptability of the proposed changes to the license.

Docket Nos.: 52-025 and 52-026

Enclosure:
Audit Summary Report

cc: See next page

SUMMARY OF AUDIT FOR VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4,
REQUEST FOR LICENSE AMENDMENT: RECONCILIATION OF ENVIRONMENTAL
CONDITIONS INPUTS TO CIVIL STRUCTURAL DESIGN LICENSING BASIS (LAR 19-019)
(EPID L-2019-LLA-0279) DATED: April 22, 2020

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ADAMS Accession No.: ML20084L426 – Package

NRO-008

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(Revised 3/12/2020)

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