

August 21, 2013

Mr. B. L. Ivey, Vice President
Southern Nuclear Operating Company, Inc.
40 Inverness Center Parkway, B022
Birmingham, AL 35242

SUBJECT: ACCEPTANCE REVIEW OF SOUTHERN NUCLEAR OPERATING COMPANY'S
REQUEST FOR LICENSE AMENDMENT (LAR 13-007) AND EXEMPTION FOR
THE VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4: TURBINE
BUILDING BATTERY ROOM AND ELECTRICAL CHANGES (RP9445 AND
RP9446)

Dear Mr. Ivey:

By letter dated March 15, 2013 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML130770148), and revised by a letter dated July 10, 2013 (ADAMS Accession No. ML131920248) and supplemented by a letter dated August 16, 2013 (ADAMS Accession No. ML13233A109), Southern Nuclear Operating Company (SNC) submitted a request for a license amendment and an exemption for the Vogtle Electric Generating Plant (VEGP) Units 3 and 4. The proposed license amendment request would depart from the plant-specific Design Control Document (DCD) Tier 1 and Tier 2 material by making changes to the Non-Class 1E direct current and Uninterruptible Power Supply System (EDS) and Uninterruptible Power Supply System (IDS) and making changes to the corresponding Tier 1 information in Appendix C to the Combined License. The proposed changes would:

- (1) Increase EDS total equipment capacity, component ratings, and protective device sizing to support increased load demand;
- (2) Relocate equipment and moving Turbine Building (TB) first bay EDS Battery Room and Charger Room. The floor elevation increases from elevation 148'-0" to elevation 148'-10" to accommodate associated equipment cabling with this activity; and
- (3) Remove the Class 1E IDS Battery Back-up tie to the Non-Class 1E EDS Battery.

SNC has also requested an exemption from the provisions of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52, Appendix D, Section III.B, "Design Certification Rule for the AP1000 Design, Scope and Contents," to allow a departure from the elements of the certification information in Tier 1 of the generic DCD.

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of these requests. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical reviews. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

B. L. Ivey

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Consistent with Section 50.90 of the 10 CFR, an amendment to the license must fully describe the changes requested, and follow as far as applicable, the form prescribed for original applications. Section 52.79 of the 10 CFR addresses content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

The NRC staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the NRC staff to complete its detailed technical reviews and make an independent assessment regarding the acceptability, of the proposed amendment and exemption, in terms of regulatory requirements and the protection of public health and safety and the environment. Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

If you have any questions, please contact me at (301)415-6191 or Ravindra.Joshi@nrc.gov.

Sincerely,

/RA Lawrence Burkhart for:/

Ravindra Joshi, Senior Project Manager
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket No(s): 52-025
52-026

cc: See next page

B. L. Ivey

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Sincerely,

/RA Lawrence Burkhart for:/

Ravindra Joshi, Senior Project Manager
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

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(Revised 07/25/2013)

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