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52-026

ND-21-0603
10 CFR 50.55(e)

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

Southern Nuclear Operating Company
Vogtle Electric Generating Plant Units 3 and 4
Submittal of 10 CFR 50.55(e) Report Regarding
Electrical Construction and Measuring & Test Equipment Control

Ladies and Gentlemen:

This submittal is made with regard to the Vogtle Electric Generating Plant, Units 3 and 4 (VEGP 3&4), license numbers NPF-91 and NPF-92, pursuant to 10 CFR 50.55(e).

Southern Nuclear Operating Company (SNC) hereby submits a report in accordance with 10 CFR 50.55(e) pertaining to electrical construction and measuring & test equipment control.

This letter contains no regulatory commitments.

If there are any questions regarding this letter, please contact Steve Leighty at (706) 848-6790.

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Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael J. Yox". The signature is fluid and cursive, with the first name "Michael" being the most prominent.

Michael J. Yox
Regulatory Affairs Director Vogtle 3 & 4
Southern Nuclear Operating Company

MJY/CAC/sfr

Enclosure: 10 CFR 50.55(e) Report Regarding Electrical Construction and Measuring & Test
Equipment Control

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cc:

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Nuclear Regulatory Commission

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Southern Nuclear Operating Company

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Enclosure 1

**10 CFR 50.55(e) Report Regarding
Electrical Construction and Measuring & Test Equipment Control**

(This Enclosure consists of 2 pages, not including this cover page)

(i) Name and address of the individual or individuals informing the Commission.

Michael J. Yox, 7825 River Road, Waynesboro, GA 30830

(ii) Identification of the facility, the activity, or the basic component supplied for the facility or the activity within the United States which contains a defect or fails to comply.

The activities include construction processes including, installation of some electrical and mechanical commodities, and control of measuring & test equipment at the Vogtle 3&4 construction project.

(iii) Identification of the firm constructing or manufacturing the facility or supplying the basic component which fails to comply or contains a defect.

The Vogtle 3&4 construction project primary construction firm is Bechtel Power Corporation (Bechtel).

(iv) Nature of the defect or failure to comply and the safety hazard which is created or could be created by the defect or failure to comply.

This report is being provided based on construction nonconformances including, installation of some electrical and mechanical commodities, and control of measuring & test equipment (M&TE) for Vogtle Units 3&4. The nonconformances affect cable separation and other raceway structural elements. The extent of condition for the M&TE issue is under evaluation and may impact additional safety-related work.

The identified construction nonconformances are a small fraction of the overall structures and components. There is no specifically identified substantial safety hazard (SSH) for these nonconformances. The nonconformances identified affect some safety-related components and based on this it was conservatively judged that the issues could be related to an SSH. These issues were discovered while the facility is under construction. The identified conditions will be corrected prior to completion of the facility.

(v) The date on which the information of a defect or failure to comply was obtained.

The evaluation was completed on June 24, 2021.

(vi) In the case of a basic component which contains a defect or fails to comply, the number and location of all the basic components in use at the facility subject to the regulations in this part.

As stated in the response to (iv) above, there are no specifically identified basic components that have been identified to contain a defect for Vogtle Units 3&4. The nonconformances identified affect some safety-related components and based on this it was conservatively judged that these conditions involve a failure to comply that could be related to an SSH.

(vii) In the case of a completed reactor manufactured under part 52 of this chapter, the entities to which the reactor was supplied.

Not applicable.

(viii) The corrective action which has been, is being, or will be taken; the name of the individual or organization responsible for the action; and the length of time that has been or will be taken to complete the action.

Comprehensive extent-of-condition reviews and correction of identified conditions are being conducted. The actions to identify and resolve the nonconforming conditions are in process and will be completed in accordance with the site corrective action program. Bechtel, and other subcontractors as needed, will implement actions to correct the identified conditions and ensure that processes are in place to avoid future occurrences. Southern Nuclear Operating Company (SNC) is the organization responsible for ensuring Bechtel and the other subcontractors complete the required actions to correct the nonconforming conditions and ensuring that processes are in place to avoid future occurrences.

(ix) Any advice related to the defect or failure to comply about the facility, activity, or basic component that has been, is being, or will be given to other entities.

None.