

**From:** Rankin, Jennivine  
**Sent:** Monday, November 18, 2019 8:40 AM  
**To:** Kellenberger, Nicholas  
**Cc:** Vogtle PEmails; Patel, Chandu; Santos, Cayetano  
**Subject:** ACCEPTANCE REVIEW OF SOUTHERN NUCLEAR OPERATING COMPANY'S PCS WETTED PERIMETER TEST MODIFICATION (LAR-19-018) (EPID NO. L-2019-LLA-0235)

Mr. Brian H. Whitley, Director  
Regulatory Affairs  
Southern Nuclear Operating Company, Inc.  
3535 Colonnade Parkway  
BIN B237  
Birmingham, AL 35243

SUBJECT: ACCEPTANCE REVIEW OF SOUTHERN NUCLEAR OPERATING COMPANY'S PCS WETTED PERIMETER TEST MODIFICATION (LAR-19-018) (EPID NO. L-2019-LLA-0235)

Dear Mr. Whitley:

By letter dated October 31, 2019 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML19304C381), Southern Nuclear Operating Company (SNC) submitted a request for a license amendment and an exemption to Combined License (COL) Nos. NPF-91 and NPF-92, for the Vogtle Electric Generating Plant Units 3 and 4, respectively. The requested amendment proposes changes to the VEGP Units 3 and 4 COL Appendix C, with corresponding changes to the associated plant specific Tier 1 information and involves associated Tier 2 information in the Updated Final Safety Analyses Report (which includes the plant specific Design Control Document Tier 2 information). Specifically, the request proposes to modify Inspections, Tests, Analyses, and Acceptance Criteria and involved Tier 2 information regarding the location where the Passive Containment Cooling System Wetter Perimeter Test is performed.

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 Design Control Document.

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission 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 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.

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 staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the staff to complete its detailed technical review and make an independent assessment regarding the acceptability, of the proposed amendment, 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 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 staff's detailed technical review by separate correspondence.

SNC has requested staff approval of this LAR by March 31, 2020. The staff intends to complete this action by August 18, 2020. However, the staff will try to expedite its review to have it completed by March 31, 2020, unless we agree to a different date at a later time due to circumstances beyond our control. The staff estimates that it may take 320 hours to complete this licensing action.

If you have any questions, please contact me at (301) 415-1530 or [Jennivine.Rankin@nrc.gov](mailto:Jennivine.Rankin@nrc.gov).

Jennie

Jennie Rankin, Project Manager  
Vogtle Project Office  
Office of Nuclear Reactor Regulation

**Hearing Identifier:** Vogtle\_COL\_Docs\_Public  
**Email Number:** 500

**Mail Envelope Properties** (BN6PR09MB1298EDD7636734FDDBC8E691984D0)

**Subject:** ACCEPTANCE REVIEW OF SOUTHERN NUCLEAR OPERATING  
COMPANY'S PCS WETTED PERIMETER TEST MODIFICATION (LAR-19-018) (EPID NO.  
L-2019-LLA-0235)

**Sent Date:** 11/18/2019 8:39:57 AM

**Received Date:** 11/18/2019 8:40:00 AM

**From:** Rankin, Jennivine

**Created By:** Jennivine.Rankin@nrc.gov

**Recipients:**

"Vogtle PEmails" <Vogtle.PEmails@nrc.gov>

Tracking Status: None

"Patel, Chandu" <Chandu.Patel@nrc.gov>

Tracking Status: None

"Santos, Cayetano" <Cayetano.Santos@nrc.gov>

Tracking Status: None

"Kellenberger, Nicholas" <X2NRKELL@SOUTHERNCO.COM>

Tracking Status: None

**Post Office:** BN6PR09MB1298.namprd09.prod.outlook.com

Files	Size	Date & Time
MESSAGE	4068	11/18/2019 8:40:00 AM

**Options**

**Priority:** Normal

**Return Notification:** No

**Reply Requested:** No

**Sensitivity:** Normal

**Expiration Date:**