

## SummerRAIsPEm Resource

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**From:** Gleaves, Bill  
**Sent:** Friday, August 26, 2016 2:29 PM  
**To:** Redd, Jason P.  
**Cc:** Patel, Chandu; SummerRAIsPEm Resource; Dixon-Herrity, Jennifer; Neil Haggerty - SNC (x2hagge@southernco.com)  
**Subject:** Acceptance of SNC Licensing Submittal - LAR 16-006, "PMS Logic Change for Source Range Flux Doubling" (WEC103)  
**Attachments:** ML16239A294 acceptance letter.pdf

Mr. Redd,

Please see ADAMS ML16239A294 for our acceptance of your subject LAR. This is the record of NRC's acceptance and will not be followed by a paper copy. That document should be publically available in ADAMS in 3 days. In the meantime, I've attached a copy. This email will be sent to ADAMS and will be made a public record.

The review will be charged to code RP9528.

If you have any questions, please contact me, or the Lead PM for the Vogtle 3 & 4 project, Mr. Chandu Patel.

Billy  
William (Billy) Gleaves  
Lead Project Manager for  
V.C. Summer Units 2 and 3  
Licensing Branch 4  
US NRC, Office of New Reactors

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**Hearing Identifier:** Summer\_COL\_eRAIs  
**Email Number:** 186

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**Subject:** Acceptance of SNC Licensing Submittal - LAR 16-006, "PMS Logic Change for Source Range Flux Doubling" (WEC103)  
**Sent Date:** 8/26/2016 2:29:18 PM  
**Received Date:** 8/26/2016 2:29:21 PM  
**From:** Gleaves, Bill

**Created By:** Bill.Gleaves@nrc.gov

**Recipients:**

"Patel, Chandu" <Chandu.Patel@nrc.gov>  
Tracking Status: None  
"SummerRAIsPEm Resource" <SummerRAIsPEm.Resource@nrc.gov>  
Tracking Status: None  
"Dixon-Herrity, Jennifer" <Jennifer.Dixon-Herrity@nrc.gov>  
Tracking Status: None  
"Neil Haggerty - SNC (x2hagge@southernco.com)" <x2hagge@southernco.com>  
Tracking Status: None  
"Redd, Jason P." <JPREDD@southernco.com>  
Tracking Status: None

**Post Office:** HQPWMSMRS05.nrc.gov

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**Options**

**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

## SummerRAIsPEm Resource

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**From:** Gleaves, Bill  
**Sent:** Friday, August 26, 2016 12:47 PM  
**To:** SummerRAIsPEm Resource  
**Subject:** Vogtle LAR-16-006 Accept Letter PMS logic Source Range Flux Doubling  
**Attachments:** Vogtle LAR-16-006 Accept Letter PMS logic Source Range Flux Doubling.docx

**Hearing Identifier:** Summer\_COL\_eRAIs  
**Email Number:** 183

**Mail Envelope Properties** (7f4eaae89d3b4b10b5d8f952b74c9d8e)

**Subject:** Vogtle LAR-16-006 Accept Letter PMS logic Source Range Flux Doubling  
**Sent Date:** 8/26/2016 12:46:46 PM  
**Received Date:** 8/26/2016 12:46:46 PM  
**From:** Gleaves, Bill

**Created By:** Bill.Gleaves@nrc.gov

**Recipients:**  
"SummerRAIsPEm Resource" <SummerRAIsPEm.Resource@nrc.gov>  
Tracking Status: None

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<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>	
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**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

August 26, 2016

Mr. Brian H. Whitley, Director  
Regulatory Affairs  
Southern Nuclear Operating Company, Inc.  
42 Inverness Center Parkway  
BIN B237  
Birmingham, AL 35242

SUBJECT: ACCEPTANCE REVIEW OF SOUTHERN NUCLEAR OPERATING COMPANY'S  
REQUEST FOR LICENSE AMENDMENT (LAR 16-006) FOR THE VOGTLE  
ELECTRIC GENERATING PLANT UNITS 3 AND 4: PMS LOGIC CHANGES  
FOR SOURCE RANGE FLUX DOUBLING (CAC NO. RP9528)

Dear Mr. Whitley:

By letter dated June 16, 2016, (Agencywide Documents Access and Management System Accession No. ML16168A399), Southern Nuclear Operating Company (SNC/licensee) submitted a license amendment request (LAR 16-006) for the Combined License (COL) Numbers NPF-91 and NPF-92, for the Vogtle Electric Generating Plant (VEGP) Units 3 and 4, respectively. The requested amendment proposes changes to the Technical Specification and Updated Final Safety Analysis Report (UFSAR) Tier 2 information to update the Protection and Safety Monitoring System (PMS) to align with the requirements in Institute of Electrical and Electronics Engineers (IEEE) 603-1991, "IEEE Standard Criteria for Safety Systems for Nuclear Power Generating Stations." IEEE 603-1991, Clause 6.6, "Operating Bypasses," imposes requirements on the operating bypasses (i.e., "blocks" and "resets") used for the AP1000 PMS.

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of the LAR. 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 review. 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 Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.90, 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 the 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 against the regulatory requirements and has concluded that it provides sufficient technical detail to enable the NRC staff to complete its detailed review and make an independent assessment regarding the acceptability of the proposed changes 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) 415-3025 or [Chandu.Patel@nrc.gov](mailto:Chandu.Patel@nrc.gov).

Sincerely,

*/RA/*

Chandu Patel, Senior Project Manager  
Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 52-025  
52-026

cc: See next page