

## SummerRAIsPEm Resource

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**From:** Gleaves, Bill  
**Sent:** Monday, August 01, 2016 7:24 AM  
**To:** SummerRAIsPEm Resource  
**Subject:** V.C. Summer LAR-16-04 PMS Logic Change for Source Range Flux Doubling Acceptance Letter.docx  
**Attachments:** V.C. Summer LAR-16-04 PMS Logic Change for Source Range Flux Doubling Acceptance Letter.docx

**Hearing Identifier:** Summer\_COL\_eRAIs  
**Email Number:** 174

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**Subject:** V.C. Summer LAR-16-04 PMS Logic Change for Source Range Flux Doubling  
Acceptance Letter.docx  
**Sent Date:** 8/1/2016 7:23:53 AM  
**Received Date:** 8/1/2016 7:23:54 AM  
**From:** Gleaves, Bill

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

**Recipients:**  
"SummerRAIsPEm Resource" <SummerRAIsPEm.Resource@nrc.gov>  
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MESSAGE	3	8/1/2016 7:23:54 AM
V.C. Summer LAR-16-04 PMS Logic Change for Source Range Flux Doubling Acceptance Letter.docx		
33160		

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

Mr. Ronald A. Jones, Vice President  
South Carolina Electric & Gas Company  
New Nuclear Deployment  
P.O. Box 88  
Jenkinsville, SC 29065

SUBJECT: ACCEPTANCE REVIEW OF SOUTHERN NUCLEAR OPERATING COMPANY'S  
REQUEST FOR LICENSE AMENDMENT FOR THE V. C. SUMMER NUCLEAR  
STATION, UNITS 2 AND 3, PMS LOGIC CHANGE FOR SOURCE RANGE FLUX  
DOUBLING (CAC NO. RG3006) (LAR 16-04)

Dear Mr. Jones:

By letter dated July 19, 2016, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16202A035), the South Carolina Electric and Gas Company (SCEG/licensee), on behalf of itself and the South Carolina Public Service Authority (Santee Cooper) submitted a license amendment request (LAR 16-04) for the Combined License (COL) Numbers NPF-93 and NPF-94, for the V. C. Summer Nuclear Station, respectively. The requested amendment proposes changes to the COL Appendix A, Technical Specifications, and to depart from approved AP1000 Design Control Document (DCD) Tier 2 information in the Updated Final Safety Analysis Report (UFSAR). Specifically, the requested amendment proposes to depart from AP1000 DCD Tier 2 information contained in the UFSAR for the Protection and Safety Monitoring System (PMS) to align with the requirements in IEEE 603-1991, "IEEE Standard Criteria for Safety Systems for Nuclear Power Generating Stations."

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 was 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) 415-5848 or [bill.gleaves@nrc.gov](mailto:bill.gleaves@nrc.gov).

Sincerely,

*/RA/*

William (Billy) Gleaves, Senior Project Manager  
Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 52-027  
52-028

cc: See next page