

## SummerRAIsPEm Resource

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**From:** Reyes-Maldonado, Ruth  
**Sent:** Wednesday, February 01, 2017 4:36 PM  
**To:** nicholas.r.kellenberger@scana.com; SummerRAIsPEm Resource; April Rice (SCANA) (april.rice@scana.com)  
**Cc:** DCRM-EDMS@scana.com; Gleaves, Bill  
**Subject:** Acceptance Letter Related to Request for License Amendment and Exemption (LAR) 13-30 for Summer Units 2 and 3

SUBJECT: ACCEPTANCE REVIEW OF SOUTH CAROLINA ELECTRIC & GAS COMPANY'S REQUEST FOR LICENSE AMENDMENT AND EXEMPTION (LAR 13-30) FOR THE VIRGIL C. SUMMER NUCLEAR STATION UNITS 2 AND 3: VENTILATION SYSTEM CHANGES (CAC NO. RQ0462)

Dear Ms. Rice:

By letter dated December 21, 2016 (Agencywide Documents Access and Management System Accession No. ML16356A437), South Carolina Electric & Gas Company (SCE&G), submitted a request for a license amendment and exemption (LAR 13-30) for the Combined License (COL) Numbers NPF-93 and NPF-94, for the Virgil C. Summer Nuclear Station Units 2 and 3, respectively. The requested amendment proposes changes to the Updated Final Safety Analysis Report in the form of departures from the incorporated plant-specific Design Control Document Tier 2 information and involves related changes to COL Appendix C information, with corresponding changes to the associated plant-specific Tier 1 information. Specifically, the proposed amendment consists of changes related to:

1. modifying the configuration of the containment recirculation fan coil unit assemblies of the containment recirculation cooling system, and revising the values for the various design parameters affected by this re-configuration,
2. adding a fourth pressure differential indicator to the radiologically controlled area ventilation system (VAS) to be located in the auxiliary building component cooling system valve room, and
3. reducing the total ventilation flow provided through the VAS fuel handling area ventilation subsystems as a result of a reduction in heat loads in the areas serviced by the VAS.

SCE&G 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 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 10 CFR 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

Ruth C. Reyes  
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AP1000, Licensing Projects Branch 4  
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