

## SummerRAIsPEm Resource

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**From:** Gleaves, Bill  
**Sent:** Tuesday, July 26, 2016 8:41 AM  
**To:** SummerRAIsPEm Resource  
**Subject:** Acceptance Letter for V.C. Summer LAR 16-05 "Auxiliary Building Floor Slab Thickness Change between Columns I and J1, J2, J4 at Elevation 153"  
**Attachments:** IBMgetContent.docx

Attached is the Acceptance letter.

**Hearing Identifier:** Summer\_COL\_eRAIs  
**Email Number:** 167

**Mail Envelope Properties** (e999f0bea7924a92b16680932c67569c)

**Subject:** Acceptance Letter for V.C. Summer LAR 16-05 "Auxiliary Building Floor Slab Thickness Change between Columns I and J1, J2, J4 at Elevation 153"  
**Sent Date:** 7/26/2016 8:41:02 AM  
**Received Date:** 7/26/2016 8:41:03 AM  
**From:** Gleaves, Bill

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

**Recipients:**  
"SummerRAIsPEm Resource" <SummerRAIsPEm.Resource@nrc.gov>  
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**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

Mr. Ronald A. Jones, Vice President  
New Nuclear Deployment  
P.O. Box 88  
Jenkinsville, SC 29065

SUBJECT: ACCEPTANCE REVIEW OF SOUTH CAROLINA ELECTRIC & GAS  
COMPANY'S REQUEST FOR LICENSE AMENDMENT AND EXEMPTION FOR  
THE VIRGIL C. SUMMER NUCLEAR STATION UNITS 2 AND 3: SLAB  
THICKNESS CHANGES BETWEEN COLUMN LINES I TO J-1 AND 2 TO 4 AT  
ELEVATION 153'-0" (CAC NO. RG3012) (LAR 16-05)

Dear Mr. Jones:

By letter dated July 5, 2016, (Agencywide Documents Access and Management System Accession No. ML16187A390), South Carolina Electric & Gas Company (SCE&G) on behalf of itself and the South Carolina Public Service Authority, submitted a request for a license amendment and exemption for the Virgil C. Summer Nuclear Station (VCSNS), Units 2 and 3 (Combined License (COL) Nos. NPF-93 and NPF-94). In that letter, SCE&G proposes to change certified AP1000 Design Control Document (DCD) Tier 1 information and to depart from the generic Tier 2\* AP1000 DCD, as found in the Updated Final Safety Analysis Report, by changing the thickness of one floor in the auxiliary building located between Column Lines I to J-1 and 2 to 4 at Elevation 153;-0". The proposed change would increase the floor thickness from the current 9" to 1'-3" in the listed area. Because this proposed change requires a departure from Tier 1 information in the Westinghouse AP1000 DCD, the licensee also requested an exemption from the requirements of the Generic DCD Tier 1 in accordance with 10 CFR 52.63(b)(1).

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of these requests. The acceptance review was to determine if there was sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical reviews. 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 application for 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 that is required for COL application Final Safety Analysis Reports. 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 arise issues that impact the NRC staff's ability to complete the detailed technical review despite 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 No(s): 52-027  
52-028

cc: See next page