

SummerRAIsPEm Resource

From: Hoellman, Jordan
Sent: Tuesday, April 18, 2017 9:37 AM
To: SummerRAIsPEm Resource
Cc: Gleaves, Bill
Subject: Acceptance Letter for V.C. Summer Nuclear Station, Units 2 & 3 (LAR 17-05),
Clarification of PMS Interdivisional Cables in Auxiliary Building Fire Areas (CAC No.
RG3043)
Attachments: Acceptance Letter - VCSNS Units 2 and 3 - LAR 17-05.docx

Hearing Identifier: Summer_COL_eRAIs
Email Number: 236

Mail Envelope Properties (6bae6ec0d7ff490a97d6984bb453eff9)

Subject: Acceptance Letter for V.C. Summer Nuclear Station, Units 2 & 3 (LAR 17-05),
Clarification of PMS Interdivisional Cables in Auxiliary Building Fire Areas (CAC No. RG3043)
Sent Date: 4/18/2017 9:36:56 AM
Received Date: 4/18/2017 9:36:57 AM
From: Hoellman, Jordan

Created By: Jordan.Hoellman2@nrc.gov

Recipients:
"Gleaves, Bill" <Bill.Gleaves@nrc.gov>
Tracking Status: None
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Tracking Status: None

Post Office: HQPWMSMRS03.nrc.gov

Files	Size	Date & Time
MESSAGE	3	4/18/2017 9:36:57 AM
Acceptance Letter - VCSNS Units 2 and 3 - LAR 17-05.docx		21647

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

April 18, 2017

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 SOUTH CAROLINA ELECTRIC & GAS COMPANY'S REQUEST FOR LICENSE AMENDMENT AND EXEMPTION FOR THE VIRGIL C. SUMMER NUCLEAR STATION UNITS 2 AND 3: CLARIFICATION OF PROTECTION AND SAFETY MONITORING SYSTEM (PMS) INTERDIVISIONAL CABLES IN AUXILIARY BUILDING FIRE AREAS (CAC NO. RG3043) (LAR 17-05)

Dear Mr. Jones:

By letter dated March 30, 2017 (Agencywide Documents Access and Management System Accession No. ML17089A687), South Carolina Electric & Gas Company (SCE&G) submitted a request for a License Amendment and Exemption (LAR 17-05) for the Combined License (COL) Numbers NPF-93 and NPF-94, for Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3, respectively. The requested amendment proposes changes to COL Appendix C (and plant-specific Tier 1) Table 3.3-3, which identifies Class 1E divisional cables in various Auxiliary Building fire areas, and involves changes to related Tier 2 information in the Updated Final Safety Analysis Report (UFSAR). The proposed activity revises Table 3.3-3 to add a second note, Note 2, identifying that Class 1E Protection and Safety Monitoring System (PMS) interdivisional fiber-optic cables are terminated in the identified Auxiliary Building fire areas in addition to the cable divisions currently listed for these areas. "Interdivisional" cables are defined as cables that interconnect PMS divisions, including Division A, B, C, and D cables.

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 AP1000 Design Control Document.

The purpose of this e-mail is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this amendment request. 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 technical information in sufficient detail to enable the NRC 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 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) 415-5481 or Jordan.Hoellman2@nrc.gov.

Sincerely,

/RA/

Jordan Hoellman, Project Manager
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket Nos.: 52-027
52-028