

October 12, 2016

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

SUBJECT: NOTICE OF NO OBJECTION FOR PRELIMINARY AMENDMENT REQUEST  
(PAR 14-14-02), "STRUCTURAL DESIGN OF AUXILIARY BUILDING FLOORS"  
FOR THE VIRGIL C. SUMMER NUCLEAR STATION, UNIT 2 (CAC RQ0464)

Dear Mr. Jones:

By letter dated June 16, 2016, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16168A282), as revised by letters dated July 7, 2016, and August 17, 2016 (ADAMS Accession Nos. ML16189A453 and ML16230A179), and supplemented by letter dated September 28, 2016 (ADAMS Accession No. ML16273A316), the South Carolina Electric & Gas Company (SCE&G/licensee), on behalf of itself and the South Carolina Public Service Authority (Santee Cooper) submitted a license amendment request (LAR 14-14, R2) for the Combined License Numbers NPF-93 and NPF-94, for the Virgil C. Summer Nuclear Station, Units 2 and 3 (VCSNS), respectively. The requested amendment, as revised and supplemented, proposes changes to the Updated Final Safety Analysis Report (UFSAR) in the form of departures from the incorporated plant specific Design Control Document Tier 2\* and associated Tier 2 information in the UFSAR to revise certain details in the structural design of floors, including finned floors, in the auxiliary building. Included in this scope are proposed modifications specific to a critical section finned floor and clarifications on details for similar finned floors and floors without fins have different design details. Also included in this scope are the design of connections, the provision of fire protection reinforcement as needed, and changes to design of reinforced concrete floors, cast-in-place concrete on precast panels and associated stirrups.

By letter dated August 17, 2016 (ADAMS Accession No. ML16230A589), as clarified by supplement dated September 28, 2016 (ADAMS document ML16273A316), the licensee submitted for the U.S. Nuclear Regulatory Commission's (NRC) consideration Preliminary Amendment Request (PAR) 14-14-02, based on LAR 14-14, R2 mentioned previously, requesting NRC determine whether it has an objection to SCE&G proceeding with construction based on the scope proposed in LAR 14-14, R2. The request is based on the potential for delay to impact construction of the VCSNS, Unit 2 Auxiliary Building.

The NRC staff has determined that PAR 14-14-02 contained sufficient information on the impact of the proposed plant change on associated Inspections, Tests, Analyses, and Acceptance Criteria. In addition, the NRC staff reviewed the scope of PAR 14-14-02 and found that it is consistent with the changes from the current licensing basis as requested in LAR 14-14, R2. Therefore, the NRC has no objection to SCE&G proceeding with the construction of the proposed plant change identified in PAR 14-14-02, pending the outcome of the NRC's detailed technical review of LAR 14-14, R2. SCE&G acknowledges that if LAR 14-14, R2 is denied,

R. Jones

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SCE&G will return the plant to its current licensing basis as required by License Condition 2.D.(1)(b).

If you have any questions or comments concerning this matter, please contact the Project Manager, Billy Gleaves, at 301-415-5848 or via e-mail at [Bill.Gleaves@nrc.gov](mailto:Bill.Gleaves@nrc.gov).

Sincerely,

***/RA/***

Francis M. Akstulewicz, Director  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 52-027  
52-028

cc: See next page

R. A. Jones

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SCE&G will return the plant to its current licensing basis as required by License Condition 2.D.(1)(b).

If you have any questions or comments concerning this matter, please contact the Project Manager, Billy Gleaves, at 301-415-5848 or via e-mail at [Bill.Gleaves@nrc.gov](mailto:Bill.Gleaves@nrc.gov).

Sincerely,

**/RA/**

Francis M. Akstulewicz, Director  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 52-027  
52-028

cc: See next page

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(Revised 10/03/2016)

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