



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

December 4, 2013

Mr. Thomas D. Gatlin  
Vice President, Nuclear Operations  
South Carolina Electric & Gas Company  
Virgil C. Summer Nuclear Station  
Post Office Box 88, Mail Code 800  
Jenkinsville, SC 29065

SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION, UNIT 1 (VCSNS) – REQUEST FOR  
ADDITIONAL INFORMATION

Dear Mr. Gatlin:

By letter dated August 28, 2013, the South Carolina Electric & Gas Company submitted the Virgil C. Summer, Unit 1, Physical Security Plan, Training and Qualification Plan, and Safeguards Contingency Plan, Revision 10.

The staff has determined that additional information is needed to continue the review as discussed in the Enclosure. Please provide a response within 45 days of the issuance of this letter.

Sincerely,

A handwritten signature in black ink that reads "Shawn Williams".

Shawn Williams, Senior Project Manager  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-395

Enclosure: Request for Additional Information

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION  
10 CFR 50.54(p)(2) CHANGES TO SECURITY PLAN  
VIRGIL C. SUMMER NUCLEAR STATION, UNIT 1

DOCKET NO. 50-395

LICENSE NO. NPF-12

By letter dated August 28, 2013 (Agencywide Documents Access and Management System Accession No. ML13249A548), South Carolina Electric & Gas (the licensee) submitted the Virgil C. Summer, Unit 1, Physical Security Plan, Training and Qualification Plan, and Safeguards Contingency Plan, Revision 10. The enclosure to the letter contained Safeguards Information and has been withheld from public disclosure. The U.S. Nuclear Regulatory Commission (NRC) staff is currently reviewing the submittal to ensure compliance with Title 10 of the *Code of Federal Regulations* (10 CFR), Section 50.54(p)(2). The NRC staff has determined that the additional information requested below is needed to complete its review.

**RAI 1**

Revision 10, Page 61, Figure 8: As discussed in the site security plan's description of changes, Figure 8 has been updated due to the relocation and demolition of site buildings, etc. Explain why drawings of certain topography features that make up part of the Vehicle Barrier System boundary have been removed from Figure 8, on the North and Northeast sides of the Protected Area.

Confirm that appropriate changes will be made to reflect the current depiction of the site's Vehicle Barrier System in the next revision of the site security plan.

**Regulatory Basis:**

Consistent with 10 CFR 50.9(a), *Completeness and accuracy of information*.

Information provided to the Commission by an applicant for a license or by a licensee or information required by statute or by the Commission's regulations, orders, or license conditions to be maintained by the applicant or the licensee shall be complete and accurate in all material respects.

Consistent with 10 CFR 73.55(e) *Physical barriers*. Each licensee shall identify and analyze site-specific conditions to determine the specific use, type, function, and placement of physical barriers needed to satisfy the physical protection program design requirements of § 73.55(b).

Consistent with Appendix C to Part 73(B)(3)(b) *Physical Layout*. The safeguards contingency plan must include a site map depicting the physical structures located on the site, including onsite independent spent fuel storage installations, and a description of the structures depicted on the map. Plans must also include a description and map of the site in relation to nearby towns, transportation routes (e.g., rail, water, and roads), pipelines, airports, hazardous material facilities, and pertinent environmental features that may have an effect upon coordination of response activities. Descriptions and maps must indicate main and alternate entry routes for law enforcement or other offsite response and support agencies and the location for marshaling and coordinating response activities.

Consistent with Appendix C to Part 73 (l)(3)(b)(i). *Physical Layout Fixed Sites*—A description of the physical structures and their location on the site, and a description of the site in relation to nearby town, roads, and other environmental features important to the effective coordination of response operations. Particular emphasis should be placed on main and alternate entry routes for law-enforcement assistance forces and the location of control points for marshaling and coordinating response activities.

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*/RA/*

Shawn Williams, Senior Project Manager  
Plant Licensing Branch II-1  
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\* By email

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