



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

January 4, 2011

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

**SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION, UNIT NO. 1 (VCSNS) – REQUEST
FOR ADDITIONAL INFORMATION (TAC NO. ME4553)**

Dear Mr. Gatlin:

By letter dated August 5, 2010 (Agencywide Documents Access and Management System, Accession No. ML102210192), South Carolina Electric & Gas Company, submitted a license amendment request (LAR) for VCSNS. The LAR requested approval of the VCSNS Cyber Security Plan (CSP), provided a proposed CSP implementation schedule, and included a proposed revision to the Facility Operating License to incorporate the provisions for implementing and maintaining in effect the provisions of the approved CSP.

We find that additional information is needed in order to complete our review of the subject LAR for VCSNS as stated in the enclosure. Please provide a response by January 30, 2011.

Sincerely,


Robert E. Martin, 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
REGARDING THE LICENSE AMENDMENT REQUEST
TO IMPLEMENT A CYBER SECURITY PLAN AT
VIRGIL C. SUMMER NUCLEAR STATION, UNIT NO. 1 (VCSNS)
TAC NO. ME4553

Cyber Security Plan (CSP) Section 4: Establishing, Implementing, and Maintaining the Cyber Security Program: Defense-in-Depth Protective Strategies – Definition of Acronyms

Title 10 of the *Code of Federal Regulations* (10 CFR), Part 73, Section 73.54(b)(1) requires the licensee to analyze digital computer and communication systems and networks and identify those assets that must be protected against cyber attacks. Nuclear Energy Institute Report¹ 08-09, Revision 6, Section 3.1.3, "Identification of Critical Digital Assets (CDAs)," states that the Cyber Security Assessment Team will identify and document critical systems (CS), which must be protected under 10 CFR 73.54. Within the VCSNS cyber security plan (CSP), Section 4.3, "Defense-In-Depth - Protective Strategies," bullet six states "PPC and Data Acquisition are in Levels 3 and 2." The paragraph below the bulleted items states "EP systems are allocated to the highest level possible while allowing the system to achieve its design or regulatory function."

Please define the abbreviation "PPC", identify what type of device the PPC is, and describe the PPC's purpose and its function. As stated in the VCSNS CSP: "PPC and Data Acquisition are in Levels 3 and 2."

Furthermore, clarify whether the PPC and the Data Acquisition system(s) are grouped together to form a CDA and/or a CS, or are the two devices analyzed and protected individually? Identify the level that PPC will be located within and what level the Data Acquisition system will be located within.

Additionally, please define the abbreviation "EP" and identify what type of system it is, how it is used, and in which level it will be located.

¹ Agencywide Documents Access and Management System Accession No. ML101180437

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ADAMS Accession Number: ML103540075

*by memo dated

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