



June 25, 2024

United States Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555-001

Serial No.: 23-177B  
NRA/AF: R2  
Docket No.: 50-395  
License No.: NPF-12

**DOMINION ENERGY SOUTH CAROLINA, INC.**  
**VIRGIL C. SUMMER NUCLEAR STATION UNIT 1**  
**UPDATE TO LICENSE AMENDMENT REQUEST- INVERTER ALLOWED OUTAGE**  
**TIME (AOT) EXTENSION**

By letter dated November 9, 2023 [Agencywide Documents Access and Management System (ADAMS) Accession No. ML23317A224], Dominion Energy South Carolina, Inc. (DESC) submitted a license amendment request (LAR) for Virgil C. Summer Nuclear Station (VCSNS) Unit 1. The purpose of the request was to modify VCSNS Technical Specification (TS) Limiting Condition for Operations (LCO) 3.8.3.1, Action C, concerning inoperable Alternating Current (A.C.) Inverters, which are addressed in TS Section 3/4.8.3, Onsite Power Distribution.

A call was held with the NRC on May 29, 2024 to provide clarifying information concerning the alternate A.C. power source for the vital A.C. instrument buses APN5901, 2, 3 and 4-EV. During the discussion, two questions were discussed concerning whether the alternate source was regulated or non-regulated and whether the source of power was from Balance of Plant (BOP) or Engineered Safety Feature (ESF). After further review, DESC determined that the information provided was overly specific and a correction to the last paragraph on page 4 of 29 of the LAR submittal is necessary to clarify this detail.

The marked-up original LAR text indicating the proposed wording change is provided in the left-hand column of the table below, and the revised text is provided in the right-hand column.

Marked-up Original LAR Text	Revised Text
Only one of the four Vital A.C. Instrument Busses APN5901, 2, 3 or 4-EV can be energized via the <del>non-regulated</del> alternate <del>source BOP</del> instrument power supply at any time in accordance with TS Section 3/4.8.3. Therefore, a minimum of three (3) out of the four (4) redundant channels of NSSS and BOP instrumentation are provided with an <del>regulated</del> uninterruptible source of power for monitoring and actuating the Reactor Protection System. This limitation ensures vital A.C. system availability and NSSS instrument operability.	Only one of the four vital A.C. instrument Busses APN5901, 2, 3 or 4-EV can be energized via the alternate power supply at any time in accordance with TS Section 3/4.8.3. Therefore, a minimum of three (3) out of the four (4) redundant channels of NSSS and BOP instrumentation are provided with an uninterruptible source of power for monitoring and actuating the Reactor Protection System. This limitation ensures vital A.C. system availability and NSSS instrument operability.

If there are any questions regarding this submittal or if additional information is needed, please contact Mr. Allen Fulmer at (803) 543-2501.

Respectfully,



James E. Holloway  
Vice President - Nuclear Engineering and Fleet Support

Commitments made in this letter:

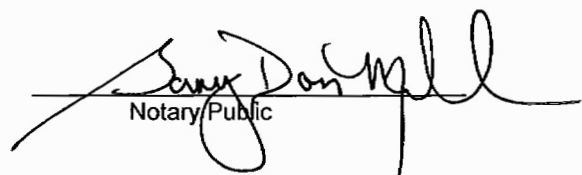
None

COMMONWEALTH OF VIRGINIA     )  
  )  
COUNTY OF HENRICO            )

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by James E. Holloway, who is Vice President - Nuclear Engineering and Fleet Support of Dominion Energy South Carolina, Inc. He has affirmed before me that he is duly authorized to execute and file the foregoing document on behalf of that Company, and that the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 25<sup>th</sup> day of June, 2024.

My Commission Expires: August 31, 2027



Notary Public

**GARY DON MILLER**  
Notary Public  
Commonwealth of Virginia  
Reg. # 7629412  
My Commission Expires August 31, 2027

cc: U.S. Nuclear Regulatory Commission, Region II  
Marquis One Tower  
245 Peachtree Center Avenue, NE  
Suite 1200  
Atlanta, Georgia 30303-1257

NRC Senior Resident Inspector  
Virgil C. Summer Nuclear Station

Mr. G. Edward Miller  
NRC Senior Project Manager  
U. S. Nuclear Regulatory Commission  
One White Flint North  
Mail Stop O-9E3  
11555 Rockville Pike  
Rockville, Maryland 20852-2738

Mr. Nate Guthier  
Bureau of Environmental Health Services  
South Carolina Department of Health and Environmental Control  
8500 Farrow Road – Building 17  
Columbia, SC 29203

Mr. Gregory Lindamood  
Santee Cooper - Nuclear Coordinator  
1 Riverwood Driver  
Moncks Corner, SC 29461