



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

January 21, 2025

Eric S. Carr  
President – Nuclear Operations  
and Chief Nuclear Officer  
Innsbrook Technical Center  
5000 Dominion Boulevard  
Glen Allen, VA 23060-6711

SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION, UNIT 1 – FINAL SAFETY  
EVALUATION FOR THE SUBSEQUENT LICENSE RENEWAL APPLICATION  
REVIEW (EPID NO. L-2023-SLR-0003)

Dear Mr. Carr:

By letter dated August 17, 2023 (Agencywide Documents Access and Management System (ADAMS) Package Accession No. ML23233A175), as supplemented by letters dated April 1, 2024 (ML24095A207), May 6, 2024 (ML24129A200), May 30, 2024 (ML24155A146), June 17, 2024 (ML24171A015) and October 24, 2024 (ML24302A144), Dominion Energy South Carolina, Inc. (DESC), on behalf of itself and Santee Cooper, submitted an application for the subsequent license renewal (SLR) of Renewed Facility Operating License No. NPF-12 for Virgil C. Summer Nuclear Station, Unit 1 (V.C. Summer or VCSNS) to the U.S. Nuclear Regulatory Commission (NRC or staff). DESC submitted the application pursuant to Title 10 of the *Code of Federal Regulations* Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants," for SLR.

The NRC staff determined that the application was complete and acceptable for docketing as communicated by letter dated October 11, 2023 (ML23275A014) and noticed in the *Federal Register* on October 16, 2023 (88 FR 71384).

The NRC staff has reviewed the V.C. Summer Subsequent License Renewal Application (SLRA) and has developed the enclosed "Safety Evaluation Related to the Subsequent License Renewal of Virgil C. Summer Nuclear Station, Unit 1", hereinafter referred to as the Safety Evaluation (SE). The SE reflects the status of the NRC staff's safety review of the SLRA, as supplemented, through October 24, 2024. Issuance of the enclosed SE is an important milestone for both the applicant and the NRC staff.

The next milestone for this project is the Advisory Committee on Reactor Safeguards Full Committee meeting scheduled for March 5, 2025.

E. Carr

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If you have any questions regarding this matter, please contact the SLR project manager, Mrs. Marieliz Johnson, by e-mail at [Marieliz.Johnson@nrc.gov](mailto:Marieliz.Johnson@nrc.gov).

Sincerely,



Signed by Sampson, Michele  
on 01/21/25

Michele Sampson, Director  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

Docket Nos. 50-395

Enclosure: SE

cc w/encl: Listserv

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DATED: JANUARY 21, 2025

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DDumbacher RII/DORS  
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SDowney, RII/DORS  
JPelchat, RII/FCO

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**ADAMS Accession Nos:****ML25014A307 (PKG)****ML25014A308 (LTR)****ML25021A232 (SE PROP)****ML25021A228 (SE Public) \*via-e-mail. \*\*Concurrence on SE****NRR-106**

<b>OFFICE</b>	DEX/ELTB: BC*	DEX/ESEB: BC*	DSS/SPCB: BC*	DSS/SNSB: BC*
<b>NAME</b>	JPaige**	ITseng**	MValentin**	PSahd**
<b>DATE</b>	7/10/2024	11/29/2024	6/25/2024	7/26/2024
<b>OFFICE</b>	DRA/APLB: BC*	DNRL/NVIB: BC*	DNRL/NPHP: BC*	DNRL/NCSG: BC*
<b>NAME</b>	SMehta**	ABuford**	MMitchell**	SBloom**
<b>DATE</b>	4/23/2024	11/29/2024	7/18/2024	6/24/2024
<b>OFFICE</b>	DNLR/NLRP: (A) BC	OGC (NLO)*	DNRL:DD*	DNRL/NLRP:PM
<b>NAME</b>	BHarris**	ALeatherman**	MSampson**	MJohnson (ltr)
<b>3//2024</b>	12/23/2024	1/8/2025	1/XX/2025	1/14/2025
<b>OFFICE</b>	DNRL/NLRP:LA	OGC (NLO)	DNLR/NLRP: (A) BC	DNRL:D
<b>NAME</b>	KBratcher (ltr)	MWright (ltr)	BRoger (ltr)	MSampson
<b>DATE</b>	1/14/2025	1/15/2025	1/21/2025	1/21/25

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