



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

January 4, 2022

Mr. Daniel G. Stoddard  
Senior Vice President  
and Chief Nuclear Officer  
Virginia Electric and Power  
Company  
Innsbrook Technical Center  
5000 Dominion Blvd  
Glen Allen, VA 29060

SUBJECT: NORTH ANNA POWER STATION, UNITS 1 AND 2 – FINAL SAFETY  
EVALUATION REPORT FOR THE SUBSEQUENT LICENSE RENEWAL  
APPLICATION REVIEW (EPID NO. L-2020-SLR-0000)

Dear Mr. Stoddard:

By letters dated August 24, 2020, (Agencywide Documents Access and Management System (ADAMS) Package Accession No. [ML20246G703](#)), February 4, 2021 (ADAMS Accession No. [ML21035A303](#)), March 17, 2021 (ADAMS Accession No. [ML21076B025](#)), March 25, 2021, (ADAMS Accession No. [ML21084A182](#)), April 1, 2021 (ADAMS Accession No. [ML21091A186](#)), April 29, 2021 (ADAMS Accession No. [ML21119A287](#)), May 27, 2021 (ADAMS Accession No. [ML21147A293](#)), July 29, 2021 (ADAMS Accession No. [ML21210A396](#)), August 5, 2021 (ADAMS Accession No. [ML21217A187](#)), August 26, 2021 (ADAMS Accession No. [ML21238A297](#)), and December 6, 2021 (ADAMS Accession No. [ML21341B437](#)), Virginia Electric and Power Company (Dominion Energy or the applicant) submitted an application for the subsequent license renewal of Renewed Facility Operating License Nos. NPF-4 and NPF-7 for the North Anna Power Station, Units 1 and 2 (NAPS) to the U.S. Nuclear Regulatory Commission (NRC). Dominion Energy 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 subsequent license renewal.

The NRC staff determined that the application was complete and acceptable for docketing on October 9, 2021 (ADAMS Accession No. [ML20267A340](#)), and noticed it in the Federal Register on October 15, 2021 ([85 FR 65438](#)).

The NRC staff has reviewed the NAPS Subsequent License Renewal Application (SLRA) and has developed the enclosed "Safety Evaluation Report Related to the Subsequent License Renewal of North Anna Power Station, Units 1 and 2 – Final Report," hereinafter referred to as the Safety Evaluation Report (SER). This SER reflects the status of the NRC staff's safety review of the SLRA, as supplemented, through December 6, 2021. Issuance of the enclosed SER 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 February 1 – 4, 2022.

If you have any questions regarding this matter, please contact the license renewal project manager, Ms. Lois M. James, by e-mail at [Lois.James@nrc.gov](mailto:Lois.James@nrc.gov).

Sincerely,

Brian W. Smith, Director  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

Docket Nos. 50-338 and 50-339

Enclosure:  
As stated

cc w/encl: Listserv

SUBJECT: NORTH ANNA POWER STATION, UNITS 1 AND 2 – FINAL SAFETY  
EVALUATION REPORT FOR THE SUBSEQUENT LICENSE RENEWAL  
APPLICATION REVIEW (EPID NO. L-2020-SLR-0000)  
DATED: JANUARY 4, 2022

**DISTRIBUTION:****E-MAIL:**

PUBLIC

RidsNrrDnrl Resource

RidsNrrPMNorthAnna Resource

-----  
LJames, NRR/DNRL  
LGibson, NRR/DNRL  
TTran, NMSS/REFS  
RElliott, NMSS/REFS  
BSmith, NRR/DNRL  
MMitchell, NRR/DNRL  
EMiller, NRR/DORL  
MMarkley, NRR/DORL  
LFields, NRR/DORL  
KGamin, OGC  
MMcCoppin, OEDO  
SBurnell, HQ/OPA  
LWilkins, OCA  
DMcIntyre, HQ/OPA

RHannah, RII/OPA  
JPelchat, RII/FCO  
ELea, RII/FCO  
MTobin, RII/DRP  
SDowney, RII/DRS  
SBailey, RII/DRP  
PCooper, RII/DRS/EB3  
BDesai, RII/DRS

[Paul.Aitken@dominionenergy.com](mailto:Paul.Aitken@dominionenergy.com)  
[Keith.J.Miller@dominionenergy.com](mailto:Keith.J.Miller@dominionenergy.com)  
[Eric.A.Blocher@dominionenergy.com](mailto:Eric.A.Blocher@dominionenergy.com)  
[Craig.H.Heah@dominionenergy.com](mailto:Craig.H.Heah@dominionenergy.com)  
[Kathryn.H.Barret@dominionenergy.com](mailto:Kathryn.H.Barret@dominionenergy.com)

**ADAMS Accession Nos:****ML21354A174 (PKG)****ML21354A195 (LTR)****ML21354A196 (SER)****ML22004A084 (NCP #1)****ML22004A223 (NCP #2)****\*via-e-mail****NRR-106**

OFFICE	LA: DNLR/NLRP (ltr)	Tech Editing (SER)	TR: DNRL/NCSG	TR: DNRL/NCSG
NAME	SGreen	Susan Cooke Anastasi (PM) RIVA Solutions, Inc.	BAllik Nonconcur (NCP #1)	JGavula Nonconcur (NCP #2)
DATE	12/21/2021	10/15/2021	09/27/2021	11/09/21
OFFICE	BC: DEX/ELTB	BC: DEX/ESEB	BC: DSS/SCPB	BC: DSS/SNSB
NAME	JJohnston	JColaccino	BWittick	SKrepel
DATE	05/04/2021	08/05/2021	05/28/2021	03/25/2021
OFFICE	BC: DRA/APLB	BC: DNRL/NPHP	BC: DNRL/NVIB	BC: DNRL/NCSG
NAME	SVasavada (A)	MMitchell	DWidrevitz (A)	MYoder (A)
DATE	02/16/2021	05/24/2021	06/03/2021	12/20/21
OFFICE	BC: DNLR/NLRP	D: DEX	D: DSS	D: DRA
NAME	LGibson	EBenner	JDonoghue	MFranovich
DATE	12/20/21	09/16/2021	09/20/2021	09/02/2021
OFFICE	OGC (NLO) draft issued 10/18/21	OGC (NLO) changes from draft	D: DNRL	
NAME	KGamin	STurk	BSmith	
DATE	10/13/21	12/20/21	01/04/22	

**OFFICIAL RECORD COPY**