



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

July 5, 2024

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 – SUMMARY OF THE MAY 2024 ENVIRONMENTAL AUDIT RELATED TO THE REVIEW OF THE SUBSEQUENT LICENSE RENEWAL APPLICATION ENVIRONMENTAL REPORT (EPID NUMBER: L-2023-SLE-0003)

Dear Eric Carr:

A review team consisting of staff from the U.S. Nuclear Regulatory Commission (NRC or the staff) participated in a hybrid audit during the weeks of May 13, 2024, and May 20, 2024, for Virgil C. Summer Nuclear Station, Unit 1, as part of the subsequent license renewal application environmental review. A remote audit was conducted May 14-17, 2024, and May 23, 2024, along with an in-person audit that took place May 21, 2024. A formal exit meeting was conducted on June 4, 2024. The goal of the audit was to gather information to ensure that the environmental requirements for license renewal, as codified in Title 10 of the *Code of Federal Regulations* Part 51 "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions," were met. A letter dated April 18, 2024 (Agencywide Documents Access and Management System [ADAMS] ML24108A039), was sent containing an audit plan.

An entrance meeting was held on May 14, 2024, to introduce participants and discuss audit logistics. During the remainder of the audit, the NRC staff, supported by Pacific Northwest National Laboratory (PNNL) staff, participated in smaller groups (breakout sessions) with Dominion Energy, Inc. (Dominion) and Enercon Services, Inc. (Enercon) representatives to address the audit needs identified in the audit plan. Enclosure 1 to this letter provides a list of representatives from the NRC, PNNL, Dominion, and Enercon who participated in the audit.

At the conclusion of the audit, the NRC staff summarized the status of the review with PNNL, Dominion, and Enercon representatives during the exit meeting held on June 4, 2024. Many of the NRC's questions identified in the audit plan or during the audit were answered through the conduct of the audit. Those that were answered but would be needed to be used in the supplemental environmental impact statement could be submitted (a) as a supplement to the application, (b) as responses to requests for additional information (RAIs), or (c) as responses to requests for confirmation of information (RCIs).

Enclosures 2 and 3 to this letter contain the staff's RAIs and RCIs. We are requesting Dominion's response to our requests within 30 days of the receipt of this letter. Although delays may occur due to competing work and shifting circumstances, responding in this timeframe will assist us to continuing to meet the milestones shared in our October 11, 2023, schedule letter (ML23275A014).

While the NRC staff did not identify any significant environmental issues during this audit, the staff indicated that the environmental review was ongoing and that any additional information necessary to support the review would be formally requested via the RAI process in the future. Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS should contact the NRC's Public Document Room staff at 800- 397-4209 (or 301-415-4737) or via email at pdr.resource@nrc.gov.

If you have any questions, please contact me via email at kimberly.conway@nrc.gov.

Sincerely,



Signed by Conway, Kimberly
on 07/05/24

Kimberly Conway
Environmental Project Manager
Environmental Project Management Branch 1
Division of Rulemaking, Environmental,
and Financial Support
Office of Nuclear Material Safety
and Safeguards

Docket No. 50-395

Enclosures:

1. List of Participants
2. Requests for Confirmation of Information and Additional Information
3. Severe Accident Mitigation Alternatives Audit Report and Information Requests

cc: Listserv

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EMiller, NRR/DORL

DRoth, OGC

SBurnell, HQ/OPA

LWilkins, HQ/OCA

DGasperson, RII/OPA

JPelchat, RII/SLO

MRead, RII, SRI

RTaylor, RII/DRP/RPB3

Keith.J.Miller@dominionenergy.com

ADAMS Accession No.: ML24162A279 (Package); ML24162A329 (Letter)

OFFICE	PM:EPMB1:REFS	LA:REFS	BC:EPMB1:REFS	PM:EPMB1:REFS
NAME	KConway	AWalker-Smith	SKoenick	KConway
DATE	06/14/2024	06/21/2024	07/03/2024	07/05/2024

OFFICE RECORD COPY

**LIST OF PARTICIPANTS
 VIRGIL C. SUMMER NUCLEAR STATION UNIT 1
 SUBSEQUENT LICENSE RENEWAL APPLICATION
 ENVIRONMENTAL REVIEW AUDIT**

May 14, 2024 – June 4, 2024

Nuclear Regulatory Commission (NRC)	
Discipline	Team Members
Environmental Review Supervisor	Steve Koenick, NMSS
Environmental Review Supervisor	Ted Smith, NMSS
Environmental Project Manager	Kim Conway, NMSS
Environmental Project Manager (Training)	Karen Loomis, NMSS
Aquatic Resources	Briana Arlene, NMSS
Cumulative Impacts	Jeff Rikhoff, NMSS
Environmental Justice	Caroline Hsu, NMSS
Federally Protected Ecological Resources	Briana Arlene, NMSS
Geologic Environment	Gerry Stirewalt, NMSS
Greenhouse Gas and Climate Change	Nancy Martinez, NMSS
Historic and Cultural Resources	Nancy Martinez, NMSS Jeffrey Larson, NMSS (Training)
Human Health	Beth Alferink, NMSS
Land Use and Visual Resources	Caroline Hsu, NMSS
Air Quality and Noise	Nancy Martinez, NMSS
Replacement Power Alternatives	Jeff Rikhoff, NMSS
Socioeconomics	Caroline Hsu, NMSS
Terrestrial Resources	Caroline Hsu, NMSS
Waste Management	Leah Parks, NMSS
Groundwater	Gerry Stirewalt, NMSS
Surface Water	Lloyd Desotell, NMSS
Severe Accident Mitigation Alternatives	Elijah Dickson, NRR

Pacific Northwest National Laboratory (PNNL)	
Discipline	Team Members
Management Team	Caitlin Condon Jim Jackson Dan Nally
Aquatic Resources	Caitlin Wessel
Terrestrial Resources, Federally Protected Ecological Resources	Tracy Fuentes Dana Vesty
Historic and Cultural Resources	Lindsey Renaud
Groundwater, Geologic Environment	Phil Meyer Rebecka Bence
Surface Water	Rajiv Prasad Stephen Ferencz
Land Use and Visual Resources	Dana Vesty
Socioeconomics	David Anderson Lin Zeng
Severe Accident Mitigation Alternatives	Bill Ivans Steve Short

Dominion Energy	
Discipline or Title	Team Member
Supervisor Nuclear Engineering (SLR)	Keith Miller
VC Summer Environmental Consultant	April Rice
Environmental Consultant	Deb Luchsinger
Director Nuclear Projects Technical Support (SLR)	Paul Phelps
Manager Nuclear Emergency Preparedness/Licensing	Michael Moore
Environmental Consultant	Tony Banks
Generation Project Manager	Christopher Brinkley
VC Summer Engineering Consultant	Rod Steffy
Senior Safety Specialist	Steven Clymer
Manager Radiological Protection/Chemistry	Kennith Ellison
Chemist III	Tracey Stewart
Environmental Compliance Coordinator	Alison Fulmer
Biologist III	Caleb Gaston
Supervisor Environmental Compliance	Mollie Sprouse
Environmental Compliance Coordinator	Phillip Poore
Manager Nuclear Performance Improvement	Judy Wasieczko
Senior Safety Specialist	Rodney Livingston
Generation Project Manager	Ellery Baker
Manager Electric Substation Engineering	Justin Redmon
Senior Facilities Forester	Corbin Johnson
Manager Electric Transmission & Distribution Services	Matt Talley
Engineer III	Mike McLellan
Engineer III	Peter Butler
Senior Tax Accountant	John Grant
Emergency Preparedness Specialist IV	Tyran Tharp
Environmental Consultant	Brandon Stutts
Consulting Engineer	Jonathan Ruff
Environmental Consultant	Mark Ferguson
Superintendent Health Physics Technical Services	Tim Riley
Consulting Engineer	Creighton Adsit
Supervisor Nuclear Engineering	Jeremy Graham
Engineer III	Shawn Sweigart
Superintendent Nuclear Maintenance	Austin Hill

ENERCON	
Discipline or Title	Team Member
Environmental Licensing Manager	Rachel Turney-Work
Environmental Licensing Specialists	Lisa Hendrick Matthew Montz
Greenhouse Gas Emissions and Climate Change	Jerry Riggs
Aquatic Resources, Federally Protected Ecological Resources, Terrestrial Resources	Rajit Patankar
Historic and Cultural Resources	Fred Woolridge Gary Edington Cheyenne Riggs
Air Quality, Noise, Meteorology	Derek Allen Jerry Riggs
Waste Management	Mary Hoganson
Geologic Environment, Water Resources (Groundwater and Surface Water)	Jennifer Meek
Land Use and Visual Resources	Fred Woolridge
Socioeconomics	Cheyenne Riggs
Human Health	Mary Hoganson Emily Keenan
Severe Accident Mitigation Alternatives	Beth Baucom Ricky Summitt Neil Johnson Steve Phillippi