



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

December 10, 2021

MEMORANDUM TO: Robert B. Elliott, Chief
Environmental Review License Renewal Branch
Division of Rulemaking, Environmental
and Financial Support
Office of Nuclear Material Safety
and Safeguards

FROM: Tam Tran, Project Manager *Tam Tran*
Environmental Review License Renewal Branch
Division of Rulemaking, Environmental
and Financial Support
Office of Nuclear Material Safety
and Safeguards

SUBJECT: North Anna Power Station, Unit Nos. 1 and 2 - Meeting Summary
for Draft Supplemental Environmental Impact Statement Public
Meeting for Subsequent License Renewal Application on
September 28, 2021 (EPID NO. L-2020-SLE-0000)

On September 28, 2021, the U.S. Nuclear Regulatory Commission (NRC) staff conducted a comment gathering public meeting for the North Anna Power Station subsequent license renewal draft Supplemental Environmental Impact Statement, in the form of a webinar.

Enclosed is the meeting summary that contains: (a) List of Meeting Attendees, (b) Meeting Description and Agenda – ML21239A008, (c) NRC Staff Presentation – ML21256A303, and (d) Meeting Transcript – ML21293A105.

If you have any questions or comments, please contact me via e-mail at Tam.Tran@nrc.gov.

Docket Nos.: 50-338 and 50-339

Enclosure:
Meeting Summary

cc: w/enclosure:
see next page

CONTACT: Tam Tran, NMSS/REFS
301-415-3617

SUBJECT: NORTH ANNA POWER STATION, UNIT NOS. 1 AND 2 - MEETING SUMMARY FOR DRAFT SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT PUBLIC MEETING FOR SUBSEQUENT LICENSE RENEWAL APPLICATION ON SEPTEMBER 28, 2021 (EPID NO. L-2020-SLE-0000)

DATED: December 10, 2021

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ADAMS Accession Nos.: ML21293A099

***via e-Concurrence**

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NAME	T.Tran	SFiguroa	RElliott
DATE	10/20/2021	10/20/2021	12/09/2021
OFFICE	PM: NMSS/REFS/ELRB		
NAME	T.Tran		
DATE	12/10/2021		

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

December 10, 2021

Title: Public Meeting to Discuss Draft Supplement 7, Second Renewal, to the Generic Environmental Impact Statement for License Renewal of Nuclear Plants Regarding North Anna Power Station, Units 1 and 2, Subsequent License Renewal Application (EPID L-2020-SLE-0000)

Meeting Identifier: 20211125

Date of Meeting: Tuesday, September 28, 2021
1:00 PM to 3:00 PM

Location: U.S. Nuclear Regulatory Commission - Headquarter
11555 Rockville Pike
Conference Room: T6D2
Rockville, MD 20852

Type of Meeting: Comment-Gathering

Purpose of the Meeting(s):

To discuss the preliminary findings of, and receive public comments on, the draft supplemental environmental impact statement (SEIS) regarding the North Anna, Units 1 and 2, Subsequent License Renewal Application (SLRA).

General Details:

The U.S. Nuclear Regulatory Commission (NRC) held a public meeting as part of the North Anna SLRA environmental review. Consistent with the meeting agenda (Agencywide Documents Access and Management System (ADAMS) Accession No. ML21239A008, the meeting started at 1:00 p.m. local time. The meeting ended at 1:36 p.m. The meeting was facilitated by Mr. Lance Rakovan, an NRC in-house facilitator who opened the meeting with a review of meeting ground rules and an introduction of the NRC staff. Next, Mr. Robert Elliott, NRC, provided opening welcome and remarks. Mr. Tam Tran, NRC, then discussed the license renewal environmental review process and the preliminary results of the draft SEIS regarding the proposed subsequent renewal of the operating licenses for North Anna Units 1 and 2. The NRC staff presentation (ADAMS Accession No. ML21256A303) emphasized that public comments were welcome to improve the draft SEIS. Next, there was a question, and answer period on the NRC staff presentations. Finally, there was the comment portion of the meeting for the public to provide comments on the draft SEIS.

Forty-one people (including nineteen NRC staff members) attended the meeting. In addition to the NRC staff, meeting attendees included members of Fauquier Climate Change Group, Luminant, Dominion Energy, Energy Harbor, Duke Energy, and SNC (Southern Nuclear).

Summary of Presentation:

Dominion submitted its subsequent license renewal application for North Anna, Units 1 and 2, on August 24, 2020. If not renewed for a second time, the licenses for Units 1 and 2 would expire on April 1, 2038 and August 21, 2040. As part of the environmental review, the NRC staff published the draft site-specific environmental impact statement containing preliminary results and a recommendation on August 19, 2021 (ADAMS Accession No. ML21228A084).

In the draft SEIS, the NRC staff addressed environmental resource areas by analyzing in detail the impacts that operation of the power plant may have on the resource area. The staff then characterized these impacts as SMALL, MODERATE, or LARGE. The following resource areas would experience SMALL impacts from subsequent license renewal: land use/visual resources, air quality/noise, geologic environment, surface water resources, groundwater resources, terrestrial resources, socioeconomics, transportation, human health, waste management, and aquatic. For some environmental resource areas, the characterization of impacts is defined by statutes or executive orders and not the NRC's SMALL, MODERATE and LARGE determinations. The following table provides the NRC staff's preliminary findings for those resource areas:

Special Status Species and Habitats	<ul style="list-style-type: none">• May affect, but is not likely to adversely affect, northern long-eared bat.• Unlikely to result in effects on the northern long-eared bat habitat.• No adverse effects on an essential fish habitat.
Historic and Cultural Resources	<ul style="list-style-type: none">• Would not adversely affect known historic properties
Environmental Justice	<ul style="list-style-type: none">• No disproportionately high and adverse human health and environmental effects on minority and low-income populations

In addition, the NRC staff analyzed (a) cumulative impacts (the impacts of the continued operation of North Anna Units 1 and 2 in combination with other past, present, and reasonably foreseeable future actions in the area) and (b) reasonable alternatives to subsequent license renewal including new nuclear (small modular reactor), combination alternative (solar, offshore wind, small modular reactor, and demand-side management), and a no-action alternative.

Based on its evaluation of the environmental impacts of operating North Anna, Units 1 and 2, for an additional 20 years, the NRC staff's preliminary recommendation is that any adverse environmental impacts of renewing the North Anna licenses are not so great that preserving the option of license renewal for energy-planning decisionmakers would be unreasonable.

The staff noted that the closing date for submitting comments on the draft SEIS is October 12, 2021. In addition to providing comments at the meeting, comments can be: (1) mailed to TWFN-7-A60M, ATTN: Program Management, Announcements and Editing Staff, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; (2) www.regulations.gov, (keyword or Docket ID: NRC-2020-0234); or emailed to NorthAnnaEnvironmental@nrc.gov.

Public Participation Themes:

There were no comments provided at the meeting as documented in the meeting transcript (ML21293A105).

The record of this public meeting proceeding can be found in the meeting transcript which is available in the NRC's ADAMS public electronic reading room (<http://www.nrc.gov/reading-rm/adams.html>) at the accession number listed below. The written statements provided at this meeting will be addressed in the final SEIS.

Action Items/Next Steps:

The NRC staff will address any comments received by the October 12th deadline that are related to the draft SEIS, in the final SEIS. The final SEIS is expected to be published in February 2022.

Enclosures:

1. List of Meeting Attendees
2. Meeting Description and Agenda – ML21239A008
3. NRC Staff Presentation – ML21256A303
4. Meeting Transcript - ML21293A105

**North Anna Power Station Units 1 and 2
Draft Supplemental Environmental Impact Statement
Public Meeting
List of Meeting Attendees**

	Name	Affiliation
1	Bill Rautzen	Nuclear Regulatory Commission (NRC)
2	Briana Arlene	NRC
3	David Gasperson	NRC
4	Donald Palmrose	NRC
5	Joseph Giacinto	NRC
6	Kevin Folk	NRC
7	Lance Rakovan	NRC
8	Nancy Martinez	NRC
9	Rob Elliott	NRC
10	Robert Hoffman	NRC
11	Scott Burnell	NRC
12	Sherwin Turk	NRC
13	Tam Tran	NRC
14	Carolyn Hsu	NRC
15	Beth Alferink	NRC
16	Jerry Dozier	NRC
17	Joseph Giacinto	NRC
18	Kenya Carrington	NRC
19	Lynnea Wilkins	NRC
	Participant	Affiliation
20	Paul Aiken	Dominion Energy
21	Ellery Baker	Dominion Energy
22	Keith Miller	Dominion Energy
23	Craig Heah	Dominion Energy
24	Anita Powell	Dominion Energy
25	Bill Standley	Dominion Energy
26	Fred Mladen	Dominion Energy
27	James Jenkins	Dominion Energy
28	Ken Holt	Dominion Energy
29	Mark Sartain	Dominion Energy
30	Paul Phelps	Dominion Energy
31	Sarah Marshall	Dominion Energy
32	Tony Banks	Dominion Energy
33	Stewart Morris	Dominion Energy
34	Bob Page	Dominion Energy
35	Todd Evans	Luminant
36	Randy Harding	Luminant

37	Ben Spiesman	Energy Harbor
38	Jeff Sharkey	SNC (Southern Nuclear)
39	Arun Kapur	Duke Energy
40	Judy Lamana	Fauquier Climate Change Group
41	Brandon Paterson	Neil Court Reporters