



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

May 27, 2022

LICENSEE: Southern Nuclear Operating Company, Inc.

FACILITY: Vogtle Electric Generating Plant, Units 1 and 2

SUBJECT: SUMMARY OF MAY 23, 2022, PUBLIC MEETING WITH SOUTHERN NUCLEAR OPERATING COMPANY, INC., REGARDING A PROPOSED LICENSE AMENDMENT REQUEST TO CHANGE TECHNICAL SPECIFICATION 3.8.1 AND IMPLEMENT TSTF-163 FOR VOGTLE ELECTRIC GENERATING PLANT, UNITS 1 AND 2 (EPID NO. L-2022-LRM-0038)

On May 23, 2022, an Observation Public Meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Southern Nuclear Operating Company, Inc. (SNC, the licensee). The purpose of the meeting was for SNC to describe its plan to submit a license amendment request (LAR) to change Technical Specification (TS) 3.8.1, "Diesel Generator Steady State Voltage and Frequency," and to adopt Technical Specification Task Force (TSTF)-163, "Minimum vs. Steady State Voltage and Frequency," for Vogtle Electric Generating Plant (Vogtle), Units 1 and 2).

A list of attendees is provided as an Enclosure.

On May 10, 2022 (Agencywide Document and Access Management System (ADAMS) Accession No. ML22137A301), the meeting was noticed on the NRC public webpage.

SNC personnel presented slides contained in ML22137A281.

The NRC staff opened the meeting with introductory remarks and introduction of the attendees.

SNC personnel discussed the following topics: (1) purpose, (2) background on TSTF-163, (3) background on non-conservative TSs, (4) proposed LAR, and (5) milestones.

SNC personnel stated that in September of 2016, SNC discovered that some safety-related pumps could not be demonstrated to perform as specified in the design basis over the full range of diesel generator (DG) steady state voltages and frequencies allowed by the TS surveillances (i.e., ≥ 4025 V and ≤ 4330 V, and frequency ≥ 58.8 Hz and ≤ 61.2 Hz).

The licensee reviewed precedents using TSTF-163 and Westinghouse Topical Report, WCAP-17308-NP-A, "Treatment of Diesel Generator (DG) Technical Specification Frequency and Voltage Tolerances." The NRC approved WCAP17308-NP-A on April 17, 2017 (ML17215A232).

SNC personnel stated that SNC proposes to change TS 3.8.1 DG surveillances to address TSTF-163 related changes to require only a minimum DG voltage and frequency within 11.4 seconds followed by steady-state voltage and frequency ranges. SNC provided an example of a proposed change in slide 9.

SNC personnel also stated that SNC proposes to change TS 3.8.1 DG surveillances to address non-conservative DG steady state voltage and frequency ranges. SNC provided an example of a proposed change in slide 11.

SNC plans to submit its proposed LAR for Vogtle, Units 1 and 2, in the second quarter of 2022 (April - June 2022). SNC stated that it plans to request the NRC staff complete its review in 13 months. SNC expects to implement the proposed LAR in 120 days (4 months) of approval by NRC.

NRC Questions to SNC

The NRC staff asked the following questions:

- Why has it taken SNC so long to address the Vogtle non-conservative TS?
- Will any necessary modifications be described in the proposed LAR?
- Will SNC be using generic information related to WCAP-17308-NP-A or will SNC be using Vogtle-specific information? Will there be an explanation of the data used as it relates to the WCAP?
- What is the basis for the proposed frequency values?
- Will SNC provide a summary of the analysis as related to equipment safety performance as related to the last bullet on slide 10 concerning allowable steady state variations in performance?
- Are other surveillance requirements (SRs) impacted by the proposed LAR besides SR 3.8.1.7, SR 3.8.1.11, SR 3.8.1.14, and SR 3.8.1.20?

Public Questions to NRC

There were no members of the public in attendance, so there were no questions from the public.

Closing

The NRC staff made no regulatory decisions during the meeting.

Once received, the NRC staff will perform a thorough review of the proposed LAR and make any regulatory decisions in writing in a timely manner.

Public Meeting Feedback forms were available, but no comments were received.

The meeting adjourned at 11:17 am Eastern time.

Please direct any inquiries to me at 301-415-3100.

/RA/

John G. Lamb, Senior Project Manager
Plant Licensing Branch, II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-424 and 50-425

Enclosure:
List of Attendees

cc w/encls: Distribution via Listserv

LIST OF ATTENDEES
MAY 23, 2021, PRE-SUBMITTAL PUBLIC MEETING
WITH SOUTHERN NUCLEAR COMPANY
REGARDING A PROPOSED LICENSE AMENDMENT REQUEST
VOGTLE ELECTRIC GENERATING PLANT, UNITS 1 AND 2

<u>ATTENDEE</u>	<u>REPRESENTING</u>
John G. Lamb	U.S. Nuclear Regulatory Commission (NRC)
Chris Safouri	NRC
Nadim Khan	NRC
Hari Kodali	NRC
Khadijah West	NRC
Hang Vu	NRC
Fred Forsaty	NRC
Ian Tseng	NRC
Ken Lowery	Southern Nuclear Operating Company (SNC)
Kyle Shelton	SNC
DeLisa Pournaras	SNC
Justin Martin	SNC
Dan Williamson	SNC
Steve Ohearon	SNC

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WMorton, NRR
MMarkley, NRR
CSafouri, RII
VCusumano, NRR

ADAMS Accession Nos.: PKG ML22145A451; Meeting Notice ML22137A301; Meeting Slides ML22137A281; Meeting Summary ML22145A449

OFFICE	DORL/LPL2-1/PM	DORL/LPL2-1/LA	DEX/EEBB/BC	DORL/LPL2-1/BC	DORL/LPL2-1/PM
NAME	JLamb	KGoldstein	WMorton (SRay for)	MMarkley	JLamb
DATE	5/23/2022	5/25/2022	5/25/2022	5/26/2022	5/27/2022

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