

June 13, 2023

Docket No.: 52-025  
52-026

NL-23-0456  
10 CFR 50.71(e)  
10 CFR 52 App. D, Section X.B.2

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Units 3 and 4  
Updated Final Safety Analysis Report, Tier 1, Technical Requirements Manual and  
Technical Specifications Bases Annual Submittal

Ladies and Gentlemen:

This submittal is made with regard to Vogtle Electric Generating Plant, Units 3 and 4 (VEGP 3&4), license numbers NPF-91 and NPF-92, respectively, pursuant to the reporting requirements of 10 CFR 50.71(e) and 10 CFR Part 52, Appendix D, Section X.B.2.

Southern Nuclear Operating Company (SNC) hereby submits the following documents:

- VEGP 3&4 Updated Final Safety Analysis Report (UFSAR), Revision 12
- VEGP 3&4 Tier 1, Revision 11
- Vogtle Units 3 and 4 Technical Requirements Manual (TRM), Revision 20
- Vogtle Units 3 and 4 Technical Specifications (TS) Bases, Revision 73

The VEGP 3&4 UFSAR, VEGP 3&4 Tier 1, the Vogtle Units 3 and 4 TRM, and the Vogtle Units 3 and 4 TS Bases include the effects of plant-specific departures and changes through April 21, 2023.

The VEGP 3&4 UFSAR includes plant-specific Design Control Document (PS DCD) Tier 2 and Tier 2\* information and site-specific and standard content. The VEGP 3&4 UFSAR includes colored text as a user's aid in identifying the origin of the text. A formatting legend is provided at the bottom of the Table of Contents page for each chapter. The VEGP 3&4 Tier 1 is also part of the PS DCD. In addition, the Vogtle Units 3 and 4 TRM contains Tier 2 information previously included in the VEGP 3&4 UFSAR, Section 16.3, Investment Protection, and is therefore considered part of the VEGP 3&4 PS DCD. The Vogtle Units 3 and 4 TRM is incorporated by reference into the VEGP 3&4 UFSAR.

The Vogtle Units 3 and 4 TS Bases is also provided with this submittal, in accordance with Vogtle Units 3 and 4 TS 5.5.6, TS Bases Control Program.

The Nuclear Development Quality Assurance Manual (NDQAM) Version 23.0, which is incorporated by reference into the UFSAR, was previously provided to the NRC on January 5, 2023 by SNC Letter ND-22-0968 [ADAMS Accession Number ML23005A217], in accordance with 10 CFR 50.71(e) and 10 CFR 50.55(f)(4)(i).

This letter and its enclosures are submitted via the Electronic Information Exchange (EIE) System in accordance with the Guidance for Electronic Submissions to the Commission.

Enclosure 1 contains the public version of the VEGP 3&4 UFSAR.

Enclosure 2 contains the non-public version of the VEGP 3&4 UFSAR. **Enclosure 2 contains Sensitive Unclassified Non-Safeguards Information (SUNSI), Security-Related Information and Proprietary information; therefore, SNC requests that Enclosure 2 be withheld from public disclosure under 10 CFR 2.390(d).**

Enclosure 3 contains the public version of the VEGP 3&4 Tier 1.

Enclosure 4 contains the non-public version of the VEGP 3&4 Tier 1. **Enclosure 4 contains SUNSI, Security-Related Information; therefore, SNC requests that Enclosure 4 be withheld from public disclosure under 10 CFR 2.390(d).**

Enclosure 5 contains the list of VEGP 3&4 UFSAR and VEGP 3&4 Tier 1 figures and sections that contain Security-Related Information or Proprietary information.

Enclosure 6 provides the SNC affidavit for withholding proprietary information contained in VEGP 3&4 UFSAR Appendix 7B of Enclosure 2. SNC requests that the proprietary information contained in VEGP 3&4 UFSAR Appendix 7B continue to be withheld from public disclosure pursuant to 10 CFR 2.390.

Enclosure 7 provides the Westinghouse affidavit CAW-19-4876 for withholding proprietary information contained in VEGP 3&4 UFSAR Appendix 7B of Enclosure 2.

Enclosure 8 contains the complete Vogtle Units 3 and 4 TRM.

Enclosure 9 contains the complete Vogtle Units 3 and 4 TS Bases.

This letter contains no NRC commitments.

If you have any questions regarding this letter, please contact me at (205) 992-6361.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 13th of June, 2023.

Respectfully submitted,



Amy C. Chamberlain  
Licensing Manager  
Southern Nuclear Operating Company

- Enclosures:
- 1) VEGP 3&4 UFSAR, Revision 12 (Public Version)
  - 2) VEGP 3&4 UFSAR, Revision 12 **[Note: Contains SUNSI Security-Related Information and Proprietary Information – Withhold from Public Disclosure Under 10 CFR 2.390(d)]**
  - 3) VEGP 3&4 Tier 1, Revision 11 (Public Version)
  - 4) VEGP 3&4 Tier 1, Revision 11 **[Note: Contains SUNSI Security-Related Information– Withhold from Public Disclosure Under 10 CFR 2.390(d)]**
  - 5) Vogtle Electric Generating Plant (VEGP) Units 3 and 4, List of VEGP 3&4 UFSAR and VEGP 3&4 Tier 1 Figures and Sections Containing Security-Related Information or Proprietary Information
  - 6) Vogtle Electric Generating Plant (VEGP) Units 3 and 4, Affidavit from Southern Nuclear Operating Company for Withholding Under 10 CFR 2.390
  - 7) Vogtle Electric Generating Plant (VEGP) Units 3 and 4, Westinghouse Electric Company Application for Withholding Proprietary Information from Public Disclosure and Accompanying Affidavit CAW-19-4876
  - 8) Vogtle Units 3 and 4 TRM, Revision 20
  - 9) Vogtle Units 3 and 4 TS Bases, Revision 73

cc: Regional Administrator, Region II  
VPO Project Manager  
Senior Resident Inspector – Vogtle 3&4  
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File AR.01.02.06

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## Electronic Files

<b>Filename</b>	<b>File Size</b>	<b>Sensitivity level</b>	<b>How submitted</b>
001 NL-23-0456 Cover Letter and Enclosure Covers.pdf	447 KB	Public	EIE
002 VEGP 3&4 UFSAR Rev 12 (Public).pdf	490 MB	Public	EIE
003 VEGP 3&4 UFSAR Rev 12 (Non-Public).pdf	512 MB	Non-Public	EIE
004 VEGP 3&4 Tier 1 Rev 11 (Public).pdf	13.1 MB	Public	EIE
005 VEGP 3&4 Tier 1 Rev 11 (Non-Public).pdf	13.5 MB	Non-Public	EIE
006 Technical Requirements Manual Rev 20.pdf	14.9 MB	Public	EIE
007 VEGP 3&4 TS Bases Rev 73.pdf	219 MB	Public	EIE
008 NL-23-0456 Enclosure 5, 6, and 7.pdf	3.11 MB	Public	EIE

Note: The cover page for files 002, 003, 004, 005, 006, and 007 are provided with file 001 for clarity.

**Southern Nuclear Operating Company**

**NL-23-0456**

**Enclosure 1**

**VEGP 3&4 UFSAR, Revision 12 (Public Version)**

(This Enclosure consists of 6467 pages, excluding this cover page)

**Southern Nuclear Operating Company**

**NL-23-0456**

**Enclosure 2**

**VEGP 3&4 UFSAR, Revision 12**

**[Note: Contains SUNSI Security-Related Information and Proprietary Information –  
Withhold from Public Disclosure Under 10 CFR 2.390(d)]**

(This Enclosure consists of 6467 pages, excluding this cover page)

**Southern Nuclear Operating Company**

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**Enclosure 3**

**VEGP 3&4 Tier 1, Revision 11 (Public Version)**

(This Enclosure consists of 567 pages, excluding this cover page)

**Southern Nuclear Operating Company**

**NL-23-0456**

**Enclosure 4**

**VEGP 3&4 Tier 1, Revision 11**

**[Note: Contains SUNSI Security-Related Information– Withhold from Public Disclosure  
Under 10 CFR 2.390(d)]**

(This Enclosure consists of 567 pages, excluding this cover page)



**Southern Nuclear Operating Company**

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**Enclosure 8**

**Vogtle Units 3 and 4 TRM, Revision 20**

(This Enclosure consists of 61 pages, excluding this cover page)

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**Enclosure 9**

**Vogtle Units 3 and 4 TS Bases, Revision 73**

(This Enclosure consists of 649 pages, excluding this cover page)