

February 15, 2019

Docket Nos.: 52-025
52-026

ND-19-0127
10 CFR 50.90
10 CFR 52.63

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
Supplement to Revision to Request for License Amendment and Exemption:
Power Operated Relief Valve (PORV) Noise Mitigation (LAR-18-021R1S1)

Ladies and Gentlemen:

Pursuant to 10 CFR 52.98(c) and in accordance with 10 CFR 50.90, Southern Nuclear Operating Company (SNC) requested an amendment to the combined licenses (COLs) for Vogtle Electric Generating Plant (VEGP) Units 3 and 4 (License Numbers NPF-91 and NPF-92, respectively), by SNC Letter ND-18-1037, dated August 10, 2018 [ADAMS Accession Number ML18222A599].

The license amendment request (LAR)-18-021 proposed to depart from Tier 2 information in UFSAR Figure 10.3.2-1 (Sheets 1 and 2) and Tables 3.9-16, 6.2.3-1, and 10.3.3-1 by relocating the power operated relief valve (PORV) branch lines upstream of the branch lines to the main steam safety valves and changing the PORV block valves from gate valves to globe valves. The requested amendment also involves related changes to plant-specific Tier 1 Figure 2.2.4-1 (Sheets 1 and 2), with corresponding changes to the associated COL Appendix C information.

In the August 30, 2018 public call (meeting minutes available under ADAMS Accession No. ML18243A492), NRC Staff discussed additional information needed to complete their technical review of SNC LAR-18-021. SNC responded by providing that additional information in a revision to LAR-18-021 (LAR-18-021R1) by SNC letter ND-18-1277, dated October 11, 2018 [ML18284A447].

This letter supplements LAR-18-021R1 to address a missed conforming change to Tier 1 (and associated COL Appendix C) Figure 2.2.1-1, which also includes the same configuration of the main steam piping, main steam safety valves, PORV branch lines, and PORV block valves as Figure 2.2.4-1. Instances within LAR-18-021R1 that describe changes to Tier 1 (and associated COL Appendix C) Figure 2.2.4-1 should be considered to also include Figure 2.2.1-1. An additional missed conforming change is made to UFSAR Figure 3E-1 (Sheets 1 and 2), which also includes the same configuration of the main steam piping, main steam safety valves, PORV branch lines as Figure 10.3.2-1. Instances within LAR-18-021R1 that describe changes to UFSAR Figure 10.3.2-1 (Sheets 1 and 2) should be considered to also include Figure 3E-1 (Sheets 1 and 2) as well as the changes to the PORV branch line size in Figure 3E-1 (Sheets 1 and 2).

This supplement does not impact the scope, technical content, or conclusions of the Technical Evaluation, Significant Hazards Consideration Determination, or Environmental Considerations of the revised License Amendment Request provided in SNC letter ND-18-1277.

Enclosures 1 through 4 were provided in the original LAR submittal ND-18-1037.

Enclosures 5 and 6 replaced Enclosures 1 and 2 and were provided in the revised LAR (LAR-18-021R1) submittal ND-18-1277.

Enclosure 7 supplements Enclosure 3 by providing markups of COL Appendix C Figure 2.2.1-1 and UFSAR Figure 3E-1 (Sheets 1 and 2).

This letter contains no regulatory commitments. This letter has been reviewed and determined not to contain security-related information.

As communicated via email dated January 31, 2019, SNC requests NRC staff approval of the license amendment by April 26, 2019, to support inspections, tests, analyses, and acceptance criteria (ITAAC) activities associated with the main steam piping. SNC expects to implement this proposed amendment within 30 days of approval of the requested changes.

In accordance with 10 CFR 50.91, SNC is notifying the State of Georgia of this License Amendment Request supplement by transmitting a copy of this letter to the designated State Official.

Should you have any questions, please contact Mr. Adam Quarles at (205) 992-7031.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 15th of February 2019.

Respectfully submitted,



Brian H. Whitley
Director, Regulatory Affairs
Southern Nuclear Operating Company

Enclosures 1) through 4) Previously provided in ND-18-1037, LAR-18-021

5) and 6) Previously provided in ND-18-1277, LAR-18-021R1

7) Vogtle Electric Generating Plant (VEGP) Units 3 and 4 – Supplement to Revision to Request for License Amendment: Power Operated Relief Valve (PORV) Noise Mitigation (LAR-18-021R1S1)

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Southern Nuclear Operating Company

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Enclosure 7

Vogtle Electric Generating Plant (VEGP) Units 3 and 4

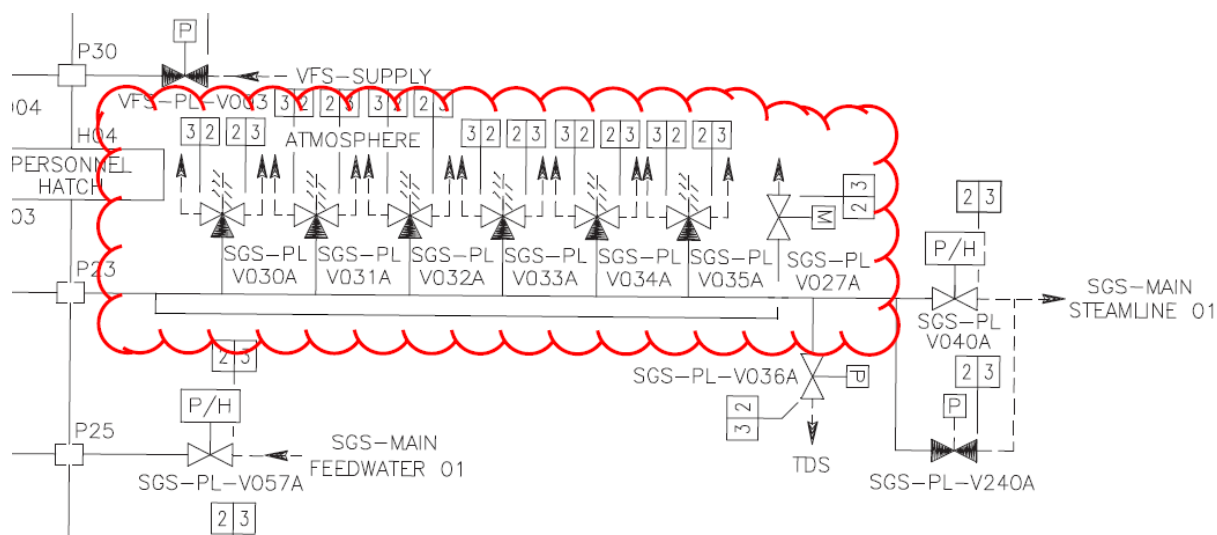
Supplement to Revision to Request for License Amendment:

Power Operated Relief Valve (PORV) Noise Mitigation

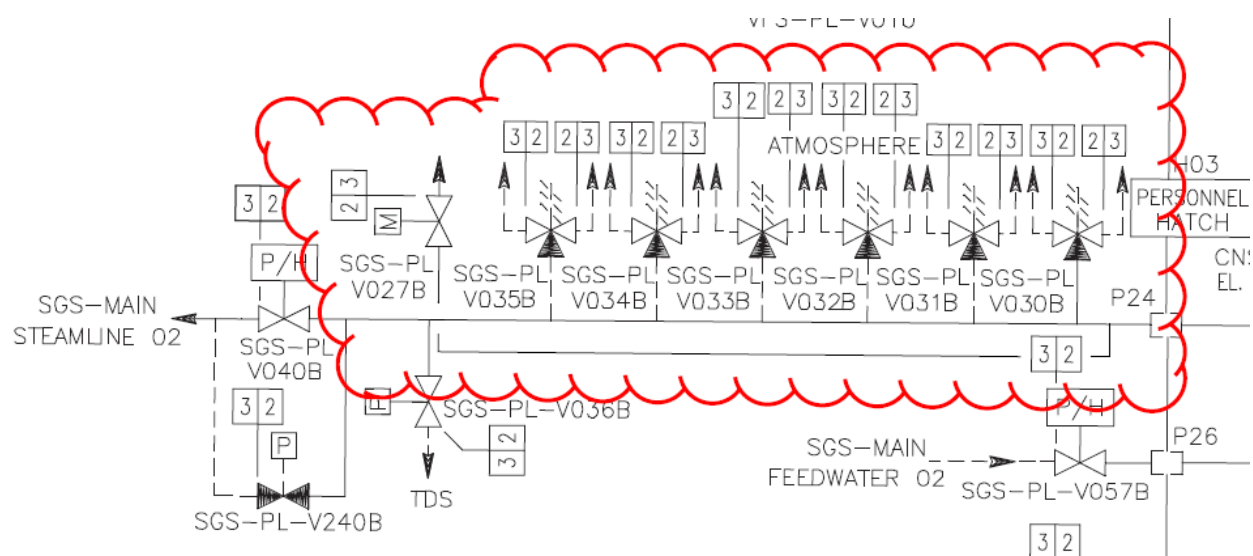
(LAR-18-021R1S1)

(This Enclosure consists of 4 pages, including this cover page.)

Revise COL Appendix C (and corresponding plant-specific Tier 1) Figure 2.2.1-1, to relocate the branch line to the PORV on SGS–MAIN STEAMLINE 01 as shown below:



Revise COL Appendix C (and corresponding plant-specific Tier 1) Figure 2.2.1-1, to relocate the branch line to the PORV on SGS–MAIN STEAMLINE 02 as shown below:



Supplement to Revision to Request for License Amendment Regarding Power Operated Relief Valve (PORV) Noise Mitigation (LAR-18-021R1S1)

[illegible]

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Enclosure 7

Supplement to Revision to Request for License Amendment Regarding Power Operated Relief Valve (PORV) Noise Mitigation (LAR-18-021R1S1)

Revise UFSAR Figure 3E-1 (Sheet 2) to relocate the branch line (L024B) to the PORV and PORV block valve to upstream of the main steam safety valves, resize line L024B from 6" to 12", remove the 12 x 6 reducer from the downstream of the PORV block valve (V027B), and change valve V027B from a gate valve to globe valve, as shown below:

