



June 12, 2023

10 CFR 50.55a

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

Serial No.: 23-054
NRA/GDM: R1
Docket Nos.: 50-280
50-281
50-395
License No.: DPR-32
DPR-37
NPF-12

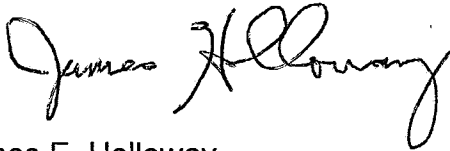
VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION ENERGY VIRGINIA)
DOMINION ENERGY SOUTH CAROLINA, INC. (DESC)
SURRY POWER STATION (SPS) UNITS 1 AND 2
VIRGIL C. SUMMER NUCLEAR STATION (VCSNS) UNIT 1
REQUEST TO USE A LATER EDITION OF THE ASME BOILER AND PRESSURE
VESSEL CODE, SECTION XI, FOR THE SPS SIXTH INSERVICE INSPECTION (ISI)
INTERVALS AND VCSNS FIFTH ISI INTERVAL

Pursuant to 10 CFR 50.55a, "Codes and standards," paragraph (g)(4)(iv), and the guidance provided in NRC Regulatory Issue Summary 2004-12, "Clarification on Use of Later Editions and Addenda to the ASME OM Code and Section XI," dated July 28, 2004, Dominion Energy Virginia and DESC (collectively, "Dominion Energy") request NRC approval to use a later edition of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel (BPV) Code, Section XI, for the Surry Power Station (SPS) Units 1 and 2, and V. C. Summer Nuclear Station (VCSNS) Unit 1 sixth and fifth 10-year ISI interval programs, respectively. Specifically, with the exception noted in the attached request, Dominion Energy requests approval to use the 2019 Edition of the ASME BPV Code, Section XI, for the SPS Units 1 and 2 sixth 10-year ISI intervals and the VCSNS Unit 1 fifth 10-year ISI interval.

The SPS Unit 1 sixth 10-year ISI interval is scheduled to begin on October 14, 2023 and end on October 13, 2033. The SPS Unit 2 sixth 10-year ISI interval is scheduled to begin on May 10, 2024 and end on May 9, 2034. The VCSNS fifth 10-year ISI interval is scheduled to begin on January 1, 2024 and end on December 31, 2033. Since the SPS Unit 1 sixth 10-year ISI interval is scheduled to begin on October 14, 2023, Dominion Energy requests approval to use the 2019 Edition of the ASME BPV Code, Section XI, by September 30, 2023.

Should you have any questions or require additional information, please contact Mr. Gary D. Miller at (804) 273-2771.

Respectfully,

A handwritten signature in black ink that reads "James E. Holloway". The signature is written in a cursive style with a large, prominent initial "J".

James E. Holloway
Vice President – Nuclear Engineering and Fleet Support
Virginia Electric and Power Company
Dominion Energy South Carolina, Inc.

Commitments made in this letter: None

Attachment: Request in Accordance with 10 CFR 50.55a(g)(4)(iv) to Use a Later Edition of the ASME Boiler and Pressure Vessel Code, Section XI

cc: U.S. Nuclear Regulatory Commission, Region II
Marquis One Tower
245 Peachtree Center Avenue, NE
Suite 1200
Atlanta, Georgia 30303-1257

Mr. L. John Klos - Surry
NRC Project Manager
U. S. Nuclear Regulatory Commission
One White Flint North
Mail Stop 09 E-3
11555 Rockville Pike
Rockville, Maryland 20852

Mr. G. Edward Miller – V. C. Summer
NRC Senior Project Manager
U. S. Nuclear Regulatory Commission
One White Flint North
Mail Stop 09 E-3
11555 Rockville Pike
Rockville, Maryland 20852-2738

NRC Senior Resident Inspector
Surry Power Station

NRC Senior Resident Inspector
V. C. Summer Nuclear Station

Mr. G. J. Lindamood
Santee Cooper - Nuclear Coordinator

Attachment

**REQUEST IN ACCORDANCE WITH 10 CFR 50.55a(g)(4)(iv) TO USE A LATER
EDITION OF THE ASME BOILER AND PRESSURE VESSEL CODE, SECTION XI**

**Virginia Electric and Power Company
(Dominion Energy Virginia)
Surry Power Station Units 1 and 2**

**Dominion Energy South Carolina, Inc.
(DESC)
V. C. Summer Nuclear Station Unit 1**

REQUEST IN ACCORDANCE WITH 10 CFR 50.55a(g)(4)(iv) TO USE A LATER EDITION OF THE ASME BOILER AND PRESSURE VESSEL CODE, SECTION XI

In accordance with 10 CFR 50.55a(g)(4)(iv) and the guidance provided in NRC Regulatory Issue Summary (RIS) 2004-12, "Clarification on Use of Later Editions and Addenda to the ASME OM Code and Section XI," dated July 28, 2004, (Reference 6.1), Virginia Electric and Power Company (Dominion Energy Virginia) and Dominion Energy South Carolina, Inc. (DESC) (collectively referred to as "Dominion Energy") hereby request Nuclear Regulatory Commission (NRC) approval to use a later edition of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel (BPV) Code, Section XI, for Surry Power Station (SPS) Units 1 and 2, and Virgil C. Summer Nuclear Station (VCSNS) Unit 1. Specifically, Dominion Energy requests approval to use the 2019 Edition of ASME Section XI for the upcoming SPS Units 1 and 2 sixth inservice inspection (ISI) intervals and VCSNS Unit 1 fifth ISI interval.

1. ASME Code Components Affected

Class 1, 2, and 3 components in the ASME Section XI ISI Programs at SPS and VCSNS.

2. Requested Date for Approval

Approval is requested by September 30, 2023 to support the beginning of the upcoming SPS Units 1 and 2 sixth ISI intervals and VCSNS Unit 1 fifth ISI interval.

3. Applicable Code Edition and Addenda

In accordance with 10 CFR 50.55a(g)(4)(ii), inservice inspection of Class 1, 2, and 3 components is required to be performed in accordance with the 2017 Edition of ASME Section XI for the SPS Unit 1 sixth ISI interval scheduled to begin on October 14, 2023, the SPS Unit 2 sixth ISI interval scheduled to begin on May 10, 2024, and the VCSNS Unit 1 fifth ISI interval scheduled to begin on January 1, 2024.

4. Proposed Subsequent Code Edition and Addenda (or Portion)

Pursuant to 10 CFR 50.55a(g)(4)(iv) and the guidance provided in RIS 2004-12, Dominion Energy requests permission to use the 2019 Edition of ASME Section XI for the upcoming SPS Units 1 and 2 sixth ISI intervals and VCSNS Unit 1 fifth ISI interval. In implementing this proposal, with one exception, Dominion Energy will comply with

the NRC conditions specified in the latest revision of 10 CFR 50.55a that are applicable to the 2019 Edition of ASME Section XI. The noted exception applies to ASME Section XI NDE activities. Specifically, Dominion Energy recently submitted a proposed alternative request to permit application of certain ASME Section XI 2013 Edition NDE activities for the SPS Units 1 and 2 sixth ISI intervals, and the VCSNS Unit 1 fifth ISI interval for fleet consistency with the other Dominion Energy nuclear plants (i.e., North Anna and Millstone Power Stations). (ADAMS Accession No. ML23096A237; Reference 6.2)

5. Duration of Proposed Request

The duration of this request will be the SPS Unit 1 sixth 10-year ISI interval that is scheduled to begin on October 14, 2023 and end on October 13, 2033; the SPS Unit 2 sixth 10-year ISI interval that is scheduled to begin on May 10, 2024 and end on May 9, 2034; and the VCSNS Unit 1 fifth 10-year ISI interval that is scheduled to begin on January 1, 2024 and end on December 31, 2033.

6. References

- 6.1 NRC Regulatory Issue Summary 2004-12, "Clarification on the Use of Later Editions and Addenda to the ASME OM Code and Section XI," dated July 28, 2004.
- 6.2 Letter from Virginia Electric and Power Company and Dominion Energy South Carolina, Inc., to the US Nuclear Regulatory Commission dated April 6, 2023 (Serial No. 23-013), "Virginia Electric and Power Company (Dominion Energy Virginia), Dominion Energy South Carolina, Inc. (DESC), Surry Power Station Units 1 and 2, Virgil C. Summer Nuclear Station Unit 1, Request to Use a Provision of a Previous Edition of the ASME Boiler and Pressure Vessel Code, Section XI, for Non-Destructive Examinations." [ADAMS Accession No. ML23096A237]