



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

July 25, 2022

Mr. Daniel G. Stoddard  
Senior Vice President and  
Chief Nuclear Officer  
Dominion Nuclear  
Innsbrook Technical Center  
5000 Dominion Boulevard  
Glen Allen, VA 23060-6711

SUBJECT: SURRY POWER STATION, UNIT NOS. 1 AND 2 – SUPPLEMENTAL  
INFORMATION NEEDED FOR ACCEPTANCE OF REQUESTED LICENSING  
ACTION RE: SURRY TECHNICAL SPECIFICATION CHANGE AUXILIARY  
FEEDWATER ALLOWED OUTAGE TIME (EPID L-2022-LLA-0089)

Dear Mr. Stoddard:

By letter dated June 20, 2022 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML22172A134), Dominion Energy Virginia submitted a license amendment request (LAR) for Surry Power Station (SPS), Units 1 and 2. The proposed amendment would revise Technical Specification (TS) 3.6.1.2 to include a 10-day Allowed Outage Time (AOT) for opposite unit Auxiliary Feedwater (AFW) cross-connect. The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this amendment request. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to commence its detailed technical review.

Consistent with Section 50.90 of Title 10 of the *Code of Federal Regulations* (10 CFR), an application for an amendment to a license (including the technical specifications) must fully describe the changes requested, and following as far as applicable, the form prescribed for original applications. Section 50.34 of 10 CFR addresses the content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

The NRC staff has reviewed your application and concluded that the information delineated in the enclosure to this letter is necessary to enable the staff to make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements for the protection of public health and safety and the environment.

In order to make the application complete, the NRC staff requests that Dominion Energy Virginia supplement the application to address the information requested in the enclosure by August 11, 2022. This will enable the NRC staff to begin its detailed technical review. If the information responsive to the NRC staff's request is not received by the above date, the application will not be accepted for review pursuant to 10 CFR 2.101, and the NRC will cease its activities associated with the application. If the application is subsequently accepted for review, you will

be advised of any further information needed to support the staff's detailed technical review by separate correspondence.

The information requested and associated time frame in this letter were discussed with Gary Miller of your staff on July 20, 2022.

If you have any questions, please contact the Surry Project Manager, John Klos, at (301) 415-5136.

Sincerely,

*/RA/*

John Klos, Project Manager  
Plant Licensing Branch 2-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-280 and 50-281

Enclosure:  
Supplemental Information Needed

cc: Listserv

SUPPLEMENTAL INFORMATION NEEDED

AMENDMENT REQUEST

DOMINION ENERGY VIRGINIA

SURRY, UNITS NO. 1 AND 2

DOCKET NOS. 50-280, 50-281

By letter dated June 20, 2022, Dominion Energy Virginia submitted a license amendment request (LAR) for Surry Power Station (SPS), Units 1 and 2. The proposed amendment would revise Technical Specification (TS) 3.6.1.2 to include a 10-day Allowed Outage Time (AOT) for opposite unit Auxiliary Feedwater (AFW) cross-connect. The licensee stated that the proposed change is based on a risk evaluation performed in accordance with Regulatory Guides (RG) 1.174, "An Approach for Using Probabilistic Risk Assessment in Risk-Informed Decisions on Plant-Specific Changes to the Licensing Basis" (ML17317A256) and RG 1.177, "An Approach for Plant-Specific, Risk-Informed Decision-making: Technical Specifications" (ML20164A034).

To support the acceptance review, the NRC staff requests that Dominion Energy Virginia supplement the application to address the below:

- A) Per RG 1.174 and RG 1.177, describe how the proposed licensing action meets the following principles of risk-informed decision making:
- 1) Principle 1: The proposed licensing basis change meets the current regulations unless it is explicitly related to a requested exemption (i.e., under 10 CFR 50.12, "Specific Exemptions").
  - 2) Principle 2: The proposed licensing basis change is consistent with the defense-in-depth philosophy.
  - 3) Principle 3: The proposed licensing basis change maintains sufficient safety margins.
  - 4) Principle 5: The impact of the proposed licensing basis change should be monitored using performance measurement strategies.

(NOTE: Principle 4 is discussed in the LAR).

- B) Per RG 1.174 and RG 1.177, identify and discuss the key assumptions and key sources of uncertainty related to the proposed change in the LAR for the internal events PRA and fire and seismic evaluations.

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**ADAMS Accession No. ML22202A047**

OFFICE	NRR/DORL/LPL2-1/PM	NRR/DORL/LPL2-1/LA	NRR/DRA/APLB/BC
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NAME	SWilliams	JKlos	
DATE	07/21/2022	07/25/2022	

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