



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

November 20, 2019

MEMORANDUM TO: Eric R. Oesterle, Chief
License Renewal Projects Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

FROM: Angela Wu, Project Manager /RA/
License Renewal Projects Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

SUBJECT: SURRY POWER STATION, UNITS 1 AND 2, SUBSEQUENT
LICENSE RENEWAL APPLICATION SAFETY REVIEW –
DOCUMENTATION OF QUESTIONS ON DOMINION ENERGY'S
OCTOBER 14, 2019 LETTER

By letter dated October 15, 2018 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18291A842), as supplemented by letters dated January 29, 2019 (ADAMS Accession No. ML19042A137), April 2, 2019 (ADAMS Accession No. ML19095A666), June 10, 2019 (ADAMS Accession No. ML19168A028), October 14, 2019 (ADAMS Accession No. ML19294A044), and October 31, 2019 (ADAMS Accession No. ML19310E716), Virginia Electric and Power Company (Dominion Energy Virginia or Dominion) submitted to the U.S. Nuclear Regulatory Commission (NRC or staff) an application to renew the Renewed Facility Operating License Nos. DPR-32 and DPR-37 for the Surry Power Station, Units 1 and 2 (SPS). Dominion submitted the application pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants," for subsequent license renewal.

Per 10 CFR 54.21(b), Dominion is required to report changes to the current licensing basis that materially affect the contents of the subsequent license renewal application (SLRA), including the Updated Final Safety Analysis Report supplement. On October 14, 2019 (ADAMS Accession No. ML19294A044), Dominion submitted the annual review and a supplement to the SLRA.

On October 21, 2019, the NRC staff and Dominion held a clarification call to discuss draft requests for additional information (RAIs) related to Buried and Underground Piping and Tanks and Open Cycle Cooling Water (ADAMS Accession No. ML19309E251) that arose after the NRC staff reviewed Dominion's annual update and supplement to the SLRA. On October 23, 2019, the NRC staff also transmitted a draft RAI to Dominion to support the need for additional clarification related to Selective Leaching after reviewing recent operating experience at SPS cited in Dominion's annual update (ADAMS Accession No. ML19309E181).

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301-415-2995

Dominion posted information on their electronic portal to facilitate the clarification discussions associated with these draft RAIs.

On October 24, 2019, a follow-up clarification call was held between the NRC staff and Dominion regarding the draft RAIs related to Buried and Underground Piping and Tanks, Open Cycle Cooling Water, and Selective Leaching. During this call, the NRC staff provided additional clarification of its information needs related to these technical subjects. Dominion posted additional information related to Selective Leaching on the electronic portal to further facilitate the clarification discussions.

On October 28, 2019, the NRC staff and Dominion held another follow-up clarification call related to Selective Leaching, where the NRC staff provided additional clarification on the draft RAI.

On October 29, 2019, the NRC staff transmitted a revision to the draft RAIs initially provided on October 21, 2019, modifying Questions #5 and #9, in relation to Buried and Underground Piping and Tanks (ADAMS Accession No. ML19305C930). On October 29, 2019, the NRC staff and Dominion held another follow-up clarification call on the modified draft RAIs. At the end of this call, Dominion committed to address the draft RAIs on Buried and Underground Piping and Tanks, Open Cycle Cooling Water, and Selective Leaching in a supplement to the SLRA.

On October 30, 2019, the NRC staff transmitted a revision to the Selective Leaching draft RAI (ADAMS Accession No. ML19309E331) to provide additional clarity in the request.

On October 31, 2019, Dominion submitted its supplement to the SLRA (ADAMS Accession No. ML19310E716), addressing the draft RAIs related to Buried and Underground Piping and Tanks, Open Cycle Cooling Water, and Selective Leaching.

Docket Nos: 50-280 and 50-281

Enclosure:
Conference Call Attendees

SUBJECT: SURRY POWER STATION, UNITS 1 AND 2, SUBSEQUENT LICENSE
RENEWAL APPLICATION SAFETY REVIEW – DOCUMENTATION OF
QUESTIONS ON DOMINION ENERGY'S OCTOBER 14, 2019 LETTER DATED
November 20, 2019

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ADAMS Accession Nos:

ML19305C709 (Package)

ML19305C846 (Memo)

ML19305C930 (Annual Update)

ML19309E181 (Additional Topics)

ML19309E251 (Buried Piping)

ML19309E331 (Selective Leaching Draft RAI)

***via email**

OFFICE	PM:NLRP:DNRL	LA:NLRP:DNRL	BC:NLRP:DNRL	PM: NLRP:DNRL
NAME	AWu	YEdmonds (ltr only)	EOesterle	AWu
DATE	10/30/2019	11/7/2019	11/19/2019	11/20/2019

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Surry SLRA
Conference Call Attendees
October 21, 24, 28 and 29, 2019

NRC Staff	Conference Calls Attended	Dominion / Surry Staff	Conference Calls Attended
Angela Wu	October 21 October 24 October 28 October 29	Paul Aitken	October 21 October 24 October 28 October 29
Lauren Gibson	October 21 October 24 October 28 October 29	Diane Aitken	October 21 October 24 October 28 October 29
Tony Gardner	October 24 October 28 October 29	Craig Heah	October 21 October 24 October 28 October 29
Jim Gavula	October 24 October 28 October 29	Jim Johnson	October 21 October 24
Steve Bloom	October 21 October 24 October 28 October 29	Dan Madden	October 21 October 24
Brian Allik	October 24 October 28 October 29	Pratt Cherry	October 21 October 24 October 28 October 29
Bill Holston	October 21 October 24 October 28 October 29	Candee Lovett	October 21 October 24 October 28
Allen Hiser	October 21 October 24 October 28 October 29	Ed Turko	October 21 October 24 October 28 October 29
Sam Cuadrado de Jesus	October 21 October 24 October 28 October 29	Mark Pelligrino	October 24 October 28 October 29
Juan Lopez	October 28 October 29	Allen Harrow	October 24 October 28 October 29
Eric Oesterle	October 21 October 24 October 28	Brett Rickert	October 24 October 28 October 29
Joseph Colaccino	October 21 October 24	Troy Scarborough	October 24 October 28 October 29
Dan Hoang	October 21 October 24	Eric Blocher	October 28 October 29
Andrew Johnson	October 24	Jim Stauffer	October 28
		Barry Garber	October 29

Enclosure