

From: Thomas, Vaughn
Sent: Thursday, June 4, 2020 9:06 AM
To: gary.d.miller@dominionenergy.com
Subject: Final RAIs for Surry U1 Fall 2019 SGTIR Application
Attachments: Final RAIs for Surry U1 Fall 2019 SGTIR.docx

Gary,

The attached file constitutes the staff's issuance of the final RAIs concerning the Surry Unit 1 Fall 2019 Steam Generator Tube Inspection Report. As discussed today, June 4, 2020, the licensee agreed to provide its responses to the staff RAIs within 30 days from June 8, 2020 (due July 7, 2020).

Thank you,

Vaughn Thomas, Project Manager

Plant Licensing Branch II-1

Division of Operating Reactor Licensing

Office of Nuclear Reactor Regulation

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SURRY POWER STATION UNIT 1

REQUEST FOR ADDITIONAL INFORMATION

FALL 2019 STEAM GENERATOR TUBE INSPECTION REPORT

DOCKET NO. 50-280

By letter dated March 11, 2020 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML20087H009), Virginia Electric and Power Company (the licensee) submitted information summarizing the results of the fall 2019 steam generator tube inspections performed at Surry Power Station (Surry), Unit 1. These inspections were performed during refueling outage (RFO) 29. Technical Specification (TS) 6.6.A.3 requires that a report be submitted within 180 days after T_{avg} exceeds 200°F following completion of an inspection of the SGs performed in accordance with TS 6.4.Q, "Steam Generator (SG) Program."

To complete its review of the inspection report, the U.S. Nuclear Regulatory Commission staff requests the following additional information:

1. Please clarify the sampling strategy for eddy current examination of features such as dents, dings, and bulges in the Surry Unit 1 SGs. Table 1, "Inspection Method for Applicable Degradation Modes," of the inspection report lists the methods used for inspections, but the report does not identify how inspection methods were applied to some special interest features (for example, the selection criteria for examination of dents and dings with specialized probes).
2. With respect to the secondary-side inspections, please clarify for each SG whether foreign objects or loose parts were removed, and the number and type of objects removed.
3. Table 3, "Surry 1 EOC29 Inspection Summary- Non-AVB Volumetric Degradation," of the inspection report, which lists non-antivibration bar volumetric degradation, includes an indication in tube Row 33 Column 17, which the staff did not find in previous inspection reports. Please clarify whether this is a legacy indication or a newly reported indication that may be a result of recent degradation. If there is evidence of recent degradation, please discuss if a loose part may still be present. The staff notes that nearby tubes have previously reported loose part indications but without evidence of a loose part remaining.