

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

August 23, 2021

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

Serial No. 21-256
SPS-LIC/MSG R0
Docket No. 50-280
License No. DPR-32

VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION UNIT 1
INSERVICE INSPECTION OWNER'S ACTIVITY REPORT (OAR)

In accordance with the requirements of ASME Code Case N-532-5, Virginia Electric and Power Company (Dominion Energy Virginia) hereby submits the Inservice Inspection Owner's Activity Report (Form OAR-1) for Surry Unit 1 refueling outage S1R30, which ended on June 1, 2021. This document contains the reporting requirements for the first refueling outage of the third period in the fifth ten-year inservice inspection interval for Surry Unit 1.

If you have any questions concerning this information, please contact Ms. Maria Groshner at (757) 365-2593.

Very truly yours,



Johnny Henderson
Director Station Safety & Licensing
Surry Power Station

Attachment: Owner's Activity Report (Form OAR-1), Surry Unit 1 Refueling Outage S1R30, Third Period of the Fifth ISI Interval

Commitments made in this letter: None

cc: U.S. Nuclear Regulatory Commission
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Mr. R. Richardson
Authorized Nuclear Inspector
Surry Power Station

ATTACHMENT

**OWNER'S ACTIVITY REPORT (FORM OAR-1),
SURRY UNIT 1 REFUELING OUTAGE S1R30,
THIRD PERIOD OF THE FIFTH ISI INTERVAL**

**VIRGINIA ELECTRIC AND POWER COMPANY
(DOMINION ENERGY VIRGINIA)**

CASES OF ASME BOILER AND PRESSURE VESSEL CODE
FORM OAR-1 OWNER'S ACTIVITY REPORT

N-532-5

Report Number 1-5-3-1 (Unit 1, 5th Interval, 3rd Period, 1st Report)

Plant Surry Power Station, 5570 Hog Island Road, Surry, VA 23883

Unit No. 1 Commercial service date 12/22/1972 Refueling outage no. S1R30
(if applicable)

Current inspection interval 5th
(1st, 2nd, 3rd, 4th, other)

Current inspection period 3rd
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans 2004 Edition

Date and revision of inspection plans Surry Unit 1, 5th Interval ISI Plan, Revision 6 January, 2021

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans N/A

Code Cases used for inspection and evaluation: See Surry Unit 1, 5th Int. ISI Plan, Rev. 6 Section 6 for complete list of code cases
(if applicable, including cases modified by Case N-532 and later revisions)

CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of S1R30 conform to the requirements of Section XI. (refueling outage number)

Signed [Signature] / ISI Program Owner Date 7/6/21
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluation described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions 13978 C, I, N, R
Inspector's Signature (National Board Number and Endorsement)

Date 7/7/21

CASES OF ASME BOILER AND PRESSURE VESSEL CODE
FORM OAR-1 OWNER'S ACTIVITY REPORT

Table 1
Items with Flaws or Relevant Conditions That Required Evaluation for Continued Service

Examination Category and Item Number	Item Description	Evaluation Description
N/A, N/A	None	None

FORM OAR-1 OWNER'S ACTIVITY REPORT

Table 2
Abstract of Repair/replacement Activities Required for Continued Service

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
1	01-RC-E-1C	Steam Generator 1-RC-E-1C requires tube plugging. QC to verify tubes to be plugged.	5/11/2021	2021-058
3	01-CC-E-1D	Piping Replacement	2/21/2021	2021-037
3	01-CC-E-1D	Perform Weld repairs IAW Basemetal Repair Instruction Sheet (Contingency)	3/4/2021	2020-101
3	01-CC-PP-18.00-CC-PIPE-229-121	Make temporary support permanent by installing additional support structure, base plate and anchor bolts to existing stack of shims.	5/24/2021	2021-065
3	01-CC-PP-18.00-CC-PIPE-229-121	Make temporary support permanent by installing additional support structure, base plate and anchor bolts to existing stack of shims.	5/24/2021	2021-064
3	01-CC-PP-18.00-CC-PIPE-229-121	Make temporary support permanent by installing additional support structure, base plate and anchor bolts to existing stack of shims.	5/24/2021	2021-063
3	01-SW-PP-3.00-WS-PIPE-36-10	Replace 3" pipe and flange on SW vent line.	5/10/2021	2021-046
3	01-SW-PP-3.00-WS-PIPE-562-151	Replace 3" pipe where 3"-WS-562-21X tees in (downstream of valve 1-SW-903).	5/10/2021	2021-045