

**VIRGINIA ELECTRIC AND POWER COMPANY**

**RICHMOND, VIRGINIA 23261**

July 2, 2019

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555

Serial No.: 19-289  
NAPS/DPM: R0  
Docket No.: 50-339  
License No.: NPF-7

**VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION ENERGY)**  
**NORTH ANNA POWER STATION UNIT 2**  
**OWNER'S ACTIVITY REPORT**

In accordance with the requirements of American Society of Mechanical Engineers (ASME) Code Case N-532-5, enclosed is the Owner's Activity Report (Form OAR-1), for refueling outage N2R26. This report is for the first refueling outage of the third period of the fourth inspection interval.

Should you have any questions regarding this submittal, please contact Mr. Donald R. Taylor at (540) 894-2100.

Very truly yours,



J. H. Jenkins  
Director - Nuclear Station Safety and Licensing

Commitments made in this letter: None

Attachment

A047  
NRR

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

NRC Senior Resident Inspector  
North Anna Power Station

Mr. Marcus Harris  
Old Dominion Electric Cooperative  
Innsbrook Corporate Center  
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Glen Allen, Virginia 23060

Mr. G. E. Miller  
NRC Project Manager  
U. S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike  
Mail Stop 08 B-1A  
Rockville, MD 20852-2738

Mr. M. M. Grace  
Authorized Nuclear Inservice Inspector  
North Anna Power Station

**Attachment**

**Owner's Activity Report for North Anna Unit 2  
Refueling Outage N2R26 - Third Period of the Fourth ISI Interval**

**North Anna Power Station  
Virginia Electric and Power Company  
(Dominion Energy)**



# Form OAR-1, Owner's Activity Report

ER-AA-ISI-100

ATTACHMENT 1

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Report Number: N2R26 (Unit 2, 4<sup>th</sup> Interval, 3<sup>rd</sup> Period)

Plant: North Anna Power Station

Unit No. 2 Commercial service date: 12/14/1980 Refueling outage no. N2R26  
(if applicable)

Current inspection interval: 4<sup>th</sup> (December 14, 2010 - December 13, 2020)  
(1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, other)

Current inspection period: 3<sup>rd</sup> (December 14, 2017 - December 13, 2020)  
(1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>)

Edition and Addenda of Section XI applicable to the inspection plans: 2004 Edition with No Addenda

Date and revision of inspection plans: Revision 3, November 2017

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: N-432-1, N-460, N-504-4, N-526, N-532-5, N-533-1, N-552-1, N-566-2, N-583, N-586-1, N-597-2, N-613-2, N-619, N-624, N-638-6, N-641, N-658, N-661-2, N-662-1, N-663, N-683, N-686-1, N-696, N-706-1, N-722-1, N-729-4, N-753, N-765, N-770-2, N-775, N-778, N-823, N-825  
(if applicable)

## 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 N2R26 conform to the requirements of Section XI.  
(refueling outage number)

Signed DAVID D. HINSPIER Supv ISI Mat'l/IDE Date 6/28/19  
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 Hartford Steam Boiler Inspection and Insurance Company of Hartford, CT 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.

m h e Commission NB9531, VA424R, I, N  
Inspector's Signature (National Board Number and Endorsement)

Date 7/1/19



# Form OAR-1, Owner's Activity Report

ER-AA-ISI-100

ATTACHMENT 1

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

Examination Category and Item Number	Item Description	Evaluation Description
NONE		



## Form OAR-1, Owner's Activity Report

ER-AA-ISI-100

ATTACHMENT 1

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**Table 2**  
**Abstract of Repair/Replacement Activities Required for Continued Service**

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
2	3' SI-654-153A-Q2	Replace flange gasket and fasteners due to leakage identified during system pressure test.	03/23/2019	2018-072
3	2" WS-950-153A-Q3	Replace section of pipe due to through wall MIC leak.	01/09/2019	2018-094
1	2" RC-455-1502-Q1	Replace pipe and elbow due to unacceptable UT indication found in weld.	05/09/2019	2019-021
2	2-CC-302-CKVALV	Replace check valve due to failed Appendix J Type C test.	04/03/2019	2019-037
3	24" WS-95-151-Q3	Weld build up repair on welds due to corrosion and coating failure found during internal inspection.	04/04/2019	2019-040