VIRGINIA ELECTRIC AND POWER COMPANY RICHMOND, VIRGINIA 23261

June 25, 2009

U.S. Nuclear Regulatory Commission Attention: Document Control Desk Washington, DC 20555 Serial No. 09-420 NAPS/GSS R0 Docket No. 50-338 License Nos. NPF-4

VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION) NORTH ANNA POWER STATION UNIT 1 OWNERS ACTIVITY REPORT

In accordance with the reporting requirements of the American Society of Mechanical Engineers (ASME) Code Case N-532-4, Dominion is submitting the Owner's Activity Report (Form OAR-1) for the Unit 1 refueling outage (N1R20).

Should you have any questions regarding this submittal, please contact Mr. Page Kemp at (540) 894-2295.

Very truly yours,

E. S. Hendrixson

Director, Nuclear Station Safety and Licensing

Commitments made in this letter: None

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

CC:

U.S. Nuclear Regulatory Commission Region II Sam Nunn Atlanta Federal Center 61 Forsyth Street, SW Suite 23 T85 Atlanta, Georgia 30303

Mr. J. F. Stang, Jr.
NRC Project Manager
U. S. Nuclear Regulatory Commission
One White Flint North
Mail Stop O-8 G9A
11555 Rockville Pike
Rockville, Maryland 20852-2738

Ms. D. N. Wright NRC Project Manager U. S. Nuclear Regulatory Commission One White Flint North Mail Stop O-8 H4A 11555 Rockville Pike Rockville, Maryland 20852-2738

NRC Senior Resident Inspector North Anna Power Station

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

Mr. J. E. Reasor, Jr. (Letter only) Old Dominion Electric Cooperative Innsbrook Corporate Center 4201 Dominion Blvd. Suite 300 Glen Allen, Va 23060

ATTACHMENT 1

OWNER'S ACTIVITY REPORT NORTH ANNA POWER STATION UNIT 1 REFUELING OUTAGE (N1R20)

VIRGINIA ELECTRIC AND POWER COMPANY NORTH ANNA POWER STATION



Form OAR-1 Owner's Activity Report

Attachment 1, ER-AA-ISI-100

Page 1 of 3

Report Number: N1R20 (Unit #1, 3 rd Interval, 3 rd Period)				
Plant North Anna Power Station				
Unit No. 1 Commercial service date 06/06/1978 Refueling outage no. N1R20 (if applicable)				
Current inspection interval 3rd (1st, 2nd, 3rd, 4th, other)				
Current inspection period 3rd (1st, 2nd, 3rd)				
Edition and Addenda of Section XI applicable to the inspection plans 1989 Edition				
Date and revision of inspection plans April 2009, Revision 9				
Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans				
Code Cases used: N-307-3, N-416-3, N-460, N491-2, N-498-4, N-508-3, N-509, N-522, N-532-4, N-533-1, N-546, N-566-2, N-568, N-598, N-616, N-652-1, N-663, N-685, N-686, N-706, N-722, N-729-1 (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 N1R20 conform to the requirements of Section XI. (refueling outage number)				
Signed W. Mrs. Supervisor IST/NOE/Merials Eginering Date 6/17/2009 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 the State or Province of Virginia and employed by HSB CT 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 Hrace Commissions VA 424-R Inspector's Signature National Board, State, Province and Endorsements				
Date 6/11/09				
Date				



Form OAR-1 Owner's Activity Report

Attachment 1, ER-AA-ISI-100

Page 2 of 3

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

Examination Category and Item Number	Item Description	Evaluation Description
F-A/F1.10B	Pipe anchor 1-SI-R-218 on line 3"SI-138-1502-Q1	Two inner bolts on pipe clamp were observed to be loose. Engineering determined that the pipe clamp had not rotated out of its original position and would perform its design function. Work Order 59101880560 was completed to
F-A / F1.40A	Summary # N1.F1.10.616 Restraint on 1-SW-P-1B	tighten loose bolts. Anchor bolting was observed to be corroded and configuration of support did not match design drawing. Corrosion on bolting was determined to be less than 10% and engineering determined that bolting was acceptable. Engineering determined that existing support configuration was acceptable and
E-C/E4.11	Summary # N1.F1.40.007 Recirc. Spray Sump Caps Summary # N1.E4.11.001	drawing revision was initiated. Cap covering hole in containment liner was observed to be missing from location #2 in the Recirc. Spray Sump. Cap was replaced in accordance with ASME XI Repair/Replacement Plan 2009-086. Reference CR327141.



Form OAR-1 Owner's Activity Report

Attachment 1, ER-AA-ISI-100

Page 3 of 3

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

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
3	8" Service Water Piping	Replaced piping due to hole observed in spray array piping.	02/25/2009	2009-055
3	6" Service Water Piping	Replaced piping due to hole observed in spray array piping.	03/05/2009	2009-064
2 (NF)	Snubber 1-MS-HSS-241	Replaced snubber	03/29/2009	2009-066
1 (NF)	Snubber 1-RC-HSS-116A	Replaced snubber	03/26/2009	2009-067
1 (NF)	Snubber 1-RC-HSS-104	Replaced snubber	03/26/2009	2009-068
1 (NF)	Snubber 1-RC-HSS-838	Replaced snubber	03/26/2009	2009-069
1 (NF)	Snubber 1-RC-HSS-101A	Replaced snubber	03/26/2009	2009-070
2 (NF)	Snubber 1-RH-HSS-100A	Replaced snubber	03/26/2009	2009-071
1 (NF)	Snubber 1-RC-HSS-236.6	Replaced snubber	03/26/2009	2009-074
1 (NF)	Snubber 1-SI-HSS-400C	Replaced snubber	03/26/2009	2009-081
MC	¼" Pipe Plug 1-RS-P-1A (IWE Boundary)	Replaced pipe plug	04/01/2009	2009-086
2	6" Gate Valve 1-QS-MOV-102A	Repaired through wall defect in valve body	03/29/2009	2009-088 Rev. 1