

ATTACHMENT 1

**1994 UNIT 1 REFUELING OUTAGE
INSERVICE INSPECTION SUMMARY REPORT**

OWNER'S REPORT FOR INSERVICE INSPECTIONS

**NORTH ANNA POWER STATION - UNIT 1
P.O. BOX 402
MINERAL, VA 23117**

COMMERCIAL SERVICE DATE 6-6-78

DECEMBER 29, 1994

**VIRGINIA ELECTRIC AND POWER COMPANY
5000 DOMINION BOULEVARD
GLEN ALLEN, VA 23060**

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner Virginia Electric and Power Co., 5000 Dominion Blvd., Glen Allen, VA
(Name and Address of Owner) 23060
2. Plant North Anna Power Station, P.O. Box 402 Mineral, VA 23117
(Name and Address of Plant)
3. Plant Unit Unit 1 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 6/6/78 6. National Board Number for Unit N/A
7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
CLASS 1 PIPING	SOUTHWEST FABRICATING	252	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	258	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	261	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	266	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	927	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	928	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	930	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	980	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	1082	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	1090	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	1266	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	1702	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	1704	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	1760	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	2741	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	4534	N/A	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

Supplemental Sheet

Docket Number: 50-338

Serial Number: 94-688

Attachment 1

Page 2 of 11

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner Virginia Electric and Power Co., 5000 Dominion Blvd., Glen Allen, VA
(Name and Address of Owner) 23060

2. Plant North Anna Power Station, P.O. Box 402, Mineral, VA 23117
(Name and Address of Plant)

3. Plant Unit Unit 1 4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date 6/6/78 6. National Board Number for Unit N/A

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
CLASS 1 PIPING	SOUTHWEST FABRICATING	4544	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	4551	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	4558	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	4559	N/A	N/A
CLASS 2 COMPONENT SUPPORTS	VIRGINIA ELECTRIC & POWER CO.	N/A	N/A	N/A
CLASS 2 PIPING NON-SERIALIZED	STONE & WEBSTER ENG. CORP.	N/A	N/A	N/A
PRESSURIZER 1400 CUBIC FEET	WESTINGHOUSE ELECTRIC CORP.	1271	VA 58322	6888
REACTOR COOLANT PUMP 'A'	ESCO CORP.	723	N/A	N/A
REACTOR VESSEL 157" ID	RDM ROTTERDAM	30661	VA 58328	N/A
REGENERATIVE HEAT EXCHANGER	JOSEPH OAT AND SONS, INC.	1831-11-1	VA 58339	447
RH HEAT EXCH. 'B' 33XE6 BTU/HR	JOSEPH OAT & SONS, INC.	1832-4	58356	371
STEAM GENERATOR 'A'	WESTINGHOUSE ELECTRIC CORP.	11970	58327	6867
STEAM GENERATOR 'B'	WESTINGHOUSE ELECTRIC CORP.	11971	58323	6868
STEAM GENERATOR 'C'	WESTINGHOUSE ELECTRIC CORP.	11972	58324	6869

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner Virginia Electric and Power Co., 5000 Dominion Blvd., Glen Allen, VA
(Name and Address of Owner) 23060

2. Plant North Anna Power Station, P.O. Box 402 Mineral, VA 23117
(Name and Address of Plant)

3. Plant Unit Unit 1 4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date 6/6/78 6. National Board Number for Unit N/A

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
CLASS 1 PIPING	SOUTHWEST FABRICATING	252	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	258	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	261	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	266	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	927	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	928	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	930	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	980	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	1082	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	1090	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	1266	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	1702	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	1704	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	1760	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	2741	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	4534	N/A	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (Back)

8. Examination Dates 4-6-93 to 11-11-94
9. Inspection Period Identification Second Period (12-24-91 - 12-24-95)
10. Inspection Interval Identification Second Interval (12-24-88 - 12-24-98)
11. Applicable Edition of Section XI 1983 Addenda Summer 1983
12. Date/Revision of Inspection Plan December 16, 1994 Revision 5
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Attachment 1 Pages 3 - 11
14. Abstract of Results of Examinations and Tests. Attachment 1 Pages 3 - 11
15. Abstract of Corrective Measures. Attachment 1 Page 4

We 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) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A

Date DECEMBER 13 19 94 Signed VIRGINIA ELECTRIC AND POWER COMPANY By EW Throckmorton
Owner C. J. Snow

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 Hartford Steam Boiler I & I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 4-6-93 to 11/11/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, and corrective measures described in this Owner's 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.

Mark M. Hume Commissions 9531, VA-424, INA
Inspector's Signature National Board, State, Province, and Endorsements
Date Dec 19 19 94

Supplemental Sheet

Docket Number: 50-338

Serial Number: 94-688

Attachment 1

Page 2 of 11

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner Virginia Electric and Power Co., 5000 Dominion Blvd., Glen Allen, VA
(Name and Address of Owner) 23060

2. Plant North Anna Power Station, P.O. Box 402, Mineral, VA 23117
(Name and Address of Plant)

3. Plant Unit Unit 1 4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date 6/6/78 6. National Board Number for Unit N/A

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
CLASS 1 PIPING	SOUTHWEST FABRICATING	4544	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	4551	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	4558	N/A	N/A
CLASS 1 PIPING	SOUTHWEST FABRICATING	4559	N/A	N/A
CLASS 2 COMPONENT SUPPORTS	VIRGINIA ELECTRIC & POWER CO.	N/A	N/A	N/A
CLASS 2 PIPING NON-SERIALIZED	STONE & WEBSTER ENG. CORP.	N/A	N/A	N/A
PRESSURIZER 1400 CUBIC FEET	WESTINGHOUSE ELECTRIC CORP.	1271	VA 58322	6888
REACTOR COOLANT PUMP 'A'	ESCO CORP.	723	N/A	N/A
REACTOR VESSEL 157" ID	RDH ROTTERDAM	30661	VA 58328	N/A
REGENERATIVE HEAT EXCHANGER	JOSEPH OAT AND SONS, INC.	1831-11-1	VA 58339	447
RH HEAT EXCH. 'B' 33XE6 BTU/HR	JOSEPH OAT & SONS, INC.	1832-4	58336	371
STEAM GENERATOR 'A'	WESTINGHOUSE ELECTRIC CORP.	11970	58327	6867
STEAM GENERATOR 'B'	WESTINGHOUSE ELECTRIC CORP.	11971	58323	6868
STEAM GENERATOR 'C'	WESTINGHOUSE ELECTRIC CORP.	11972	58324	6869

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

Virginia Electric and Power Company
North Anna Power Station

Unit 1

1994 Refueling Outage
2nd Interval, 2nd Period

Introduction

This report includes the Interval 2 inservice examinations of Class 1 and Class 2, components, piping and component supports that were conducted at North Anna Power Station Unit 1 from April 6, 1993 to October 5, 1994. The examinations during the second interval were performed to meet the requirements of ASME Section XI, 1983 Edition thru the Summer 1983 Addenda.

Examination procedures were approved prior to the examinations being performed. Certification documents relative to personnel, equipment, and materials were reviewed and determined to be satisfactory.

Inspections, witnessing, and surveillance of the examinations and related activities were conducted by personnel from the Hartford Steam Boiler Inspection and Insurance Company, One State Street, Hartford, CT 06102 (M. M. Grace and C. A. Ireland), North Anna Power Station Quality Assurance Department, and the North Anna Power Station technical staff.

Examinations

Examinations were conducted to review as much of the examination zones as was practical within geometric, metallurgical and physical limitations. When the required ultrasonic examination volume or area could not be examined 100%, the examination method was evaluated and alternate beam angles or methods were considered in an attempt to achieve the maximum examination volume. However, where 100% examination was not possible the examination was considered to be partial and so noted on the examination report. Where the reduction in coverage was 10% or greater, per Code Case N-460, a subsequent relief request will be submitted.

Some repair activities were performed after the end of the refueling outage, October 5, 1994. These post-outage activities are included in this report rather than the next report to state the extent of completion of the second period second interval examinations. The post-outage examinations contained in this report will not be reported in the next NIS-1 report.

Results

Examinations of components and component supports resulted in three items being reported on the basis of procedure reporting criteria.

- A) A 1/4" x 1/8" deep hole was found by visual examination in feedwater integral attachment weld SW-36 shown on drawing 11715-WMKS-0102A, Class 2. The integral attachment was determined to be operable in the as-found condition. The indication was removed by grinding by repair program reported in Attachment 2 page 7 Item BP and examined by liquid penetrant. The liquid penetrant examination found 10 rounded indications ranging from 0.20" to 0.70". The rounded indications were evaluated by Virginia Power Materials Engineering and determined to be porosity from original weld fabrication and will not result in the failure of the weld to satisfy its intended service requirements. They were accepted for continued service. However, a repair program (R/R 94-387) has been issued to repair ten indications on monoball support 1-FW-PH-R-34 weld SW-36 during the next refueling outage. Additional examinations were performed as required by IWC-2420 and are listed on Attachment 1 page 8.
- B) During the remote examination of the reactor vessel internals five foreign objects were located on the lower core plate, 11715-WMKS-RC-R-1.1, Class 1. The objects were retrieved and removed from the vessel.
- C) Drawing 11715-WMKS-104C had not been revised to show a long seam weld between circumferential welds 17 and 18, Class 2. The weld was examined at the intersecting circumferential welds and reported as LS-A(17) and LS-A(18). The weld was found to be acceptable. Drawing 11715-WMKS-104C will be revised by March 31, 1995.

Resolution of Previous Interval 1 NIS-1 commitments

The following is a synopsis of commitments made in the previous NIS-1 submittal and their status:

1. Letter Serial No. 93-303 Attachment 1, page 13, item B:

A commitment was made to revise drawing 11715-PSSK-0103AE.08 to depict field arrangement for support SH-252.

The correct field arrangement is shown in revision 2 of this drawing.
2. Letter Serial No. 93-303 Attachment 1, page 13, item F:

A commitment was made to revise drawing 11715-WMKS-0107C to depict removal of spring hanger SH-71A.

The correct field arrangement is shown in revision 3 of this drawing.
3. Letter Serial No. 93-303 Attachment 1, page 14, item I:

A commitment was made to revise drawing 11715-PSSK-0111AB.02 to depict field arrangement for support R-18A and to reexamine it in the next outage.

The correct field arrangement is shown in revision 3 of this drawing and the support was inspected on 9/11/94.
4. Letter Serial No. 93-303 Attachment 1, page 14, item J:

A commitment was made to revise drawing 11715-WMKS-RC-R-1.2 to reflect the arrangement of marmon clamp MC-04.

The correct field arrangement is shown in revision 2 of this drawing.
5. Letter Serial No. 93-303 Attachment 1, page 14, item K:

A commitment was made to visually examine LEG-3 shown on drawing 11715-WMKS-SI-TK-2 in the third period.

Revision 4 of the ISI Ten Year Inspection Plan has this item scheduled for the third period (12/24/95 - 12/24/98).
6. Letter Serial No. 93-303 Attachment 2, page 10, Repair/Replacement Program 92-324:

A commitment was made to perform an RT examination of 0" - 0.5" on weld 36B on 11715-SHP-1E.

The RT examination was completed on 9/28/94 and found to be acceptable.

7. Letter Serial No. 93-303 Attachment 2, page 10, Repair/Replacement Program 92-325:

A commitment was made to perform an PT examination of weld 34B on 11715-SHP-2D.

The PT examination was completed on 9/28/94 and found to be acceptable.

8. Letter Serial No. 93-303 Attachment 3, Evaluation Analyses Station Request REA #93-007 page 8 of 8.

A commitment was made to clean away the red tape that exists between line number 8"-QS-4-153A-Q3 and support number 1-QS-R-19.

The tape was removed prior to 7/7/93

Analytical Evaluations

No analytical evaluations were performed.

Evaluation Analyses

No evaluation analyses as described by IWB-3600 were performed.

Statement of Interval Status

Virginia Electric and Power has completed 60% of Second 10-Year Interval Section XI requirements.

Abstract of Examinations Performed
IWB, IWC & IWF

The exams were performed to satisfy the first period requirements.

DRAWING NUMBER	MARK NUMBER	LINE NUMBER	CLASS	SECTION CATEGORY	XI ITEM	EXAM METHOD	EXAM DATE	REMARKS
11715-WMKS-0101B	LS-51(17)	32'-SHP-1-601-Q2	2A	C-F	C5.22	MT/UT	09/27/94	
11715-WMKS-0101B	LS-51(18A)	32'-SHP-1-601-Q2	2A	C-F	C5.22	MT/UT	09/27/94	
11715-WMKS-0101B	SW-29W	32'-SHP-1-601-Q2	2A	C-F	C5.21	MT/UT	09/27/94	
11715-WMKS-0101C	14	32'-SHP-2-601-Q2	2A	C-F	C5.21	MT/UT	09/15/94	
11715-WMKS-0101C	LS-52(14)	32'-SHP-2-601-Q2	2A	C-F	C5.22	MT/UT	09/15/94	
11715-WMKS-0101C	LS-52(SW-1)	32'-SHP-2-601-Q2	2A	C-F	C5.22	MT/UT	09/15/94	
11715-WMKS-0101C	SW-22W	32'-SHP-2-601-Q2	2A	C-F	C5.21	MT/UT	09/19/94	
11715-WMKS-0101D	SW-29W	32'-SHP-3-601-Q2	2A	C-F	C5.21	MT/UT	09/28/94	
11715-WMKS-0101D	SW-40W	32'-SHP-3-601-Q2	2A	C-C	C3.20	MT	09/17/94	
11715-WMKS-0102A	17H	16'-WFPD-24-601-Q2	2A	C-C	C3.20	PT	09/28/94	
11715-WMKS-0102A	SW-36	16'-WFPD-24-601-Q2	2A	C-C	C3.20	PT	10/01/94	*A
11715-WMKS-0102A	SW-39	16'-WFPD-24-601-Q2	2A	C-C	C3.20	MT	09/17/94	
11715-WMKS-0102A	SW-49	16'-WFPD-24-601-Q2	2A	C-C	C3.20	MT	09/15/94	
11715-WMKS-0102B	SW-44	16'-WFPD-23-601-Q2	2A	C-C	C3.20	MT	09/17/94	
11715-WMKS-0103AE-1	7	3'-SI-139-1502-Q1	1A	B-J	B9.21	PT	09/30/94	
11715-WMKS-0103AE-1	25	3'-SI-37-1502-Q1	1A	B-J	B9.21	PT	09/26/94	
11715-WMKS-0103AE-2	47	3'-SI-57-1502-Q1	1A	B-J	B9.21	PT	09/26/94	
11715-WMKS-0103AF	SI-211 BLTG	6'-SI-19-1502-Q1	1A	B-G-2	B7.70	VT-1	09/20/94	
11715-WMKS-0103AT	SW-106	1 1/2'-CH-398-1502-Q1	1A	B-J	B9.40	PT	09/26/94	
11715-WMKS-0103AV	15	2'-CH-92-1502-Q1	1A	B-J	B9.40	PT	09/14/95	
11715-WMKS-0103AV	SW-10	2'-CH-92-1502-Q1	1A	B-J	B9.40	PT	09/22/94	
11715-WMKS-0103AV	SW-11	2'-CH-92-1502-Q1	1A	B-J	B9.40	PT	09/22/94	
11715-WMKS-0103AV	SW-52	1 1/2'-CH-396-1502-Q1	1A	B-J	B9.40	PT	09/26/94	
11715-WMKS-0103BB-1	16	2'-RC-53-1502-Q1	1A	B-J	B9.40	PT	09/26/94	
11715-WMKS-0103BB-3	44	3'-RC-219-1502-Q1	1A	B-J	B9.21	PT	09/22/94	
11715-WMKS-0103BE	17	2'-CH-10-1502-Q1	1A	B-J	B9.40	PT	09/27/94	
11715-WMKS-0103BE	21	2'-CH-10-1502-Q1	1A	B-J	B9.40	PT	09/22/94	
11715-WMKS-0103BE	SW-2	2'-CH-10-1502-Q1	1A	B-J	B9.40	PT	09/27/94	
11715-WMKS-0103BE	SW-5	2'-CH-10-1502-Q1	1A	B-J	B9.40	PT	09/26/94	
11715-WMKS-0103BH	6	2'-RC-53-1502-Q1	1A	B-J	B9.21	PT	09/24/94	
11715-WMKS-0103BH	7	2'-RC-218-1502-Q1	1A	B-J	B9.21	PT	09/24/94	
11715-WMKS-0103BH	SW-7	2'-RC-53-1502-Q1	1A	B-J	B9.21	PT	09/24/94	
11715-WMKS-0103W	39	6'-SI-132-1502-Q1	1A	B-J	B9.11	PT/UT	09/22/94	
11715-WMKS-0103W	46H	6'-SI-132-1502-Q1	1A	B-K-1	B10.10	PT	09/22/94	Partial
11715-WMKS-0103W	SI-89 BOLTING	6'-SI-132-1502-Q1	1A	B-G-2	B7.70	VT-1	09/23/94	
11715-WMKS-0103W	SI-89 VLV BDY	6'-SI-132-1502-Q1	1A	B-M-2	B12.50	VT-3	09/23/94	
11715-WMKS-0103W	SW-5	6'-SI-132-1502-Q1	1A	B-J	B9.11	PT/UT	09/22/94	
11715-WMKS-0103W	SW-50	6'-SI-132-1502-Q1	1A	B-J	B9.32	PT	09/22/94	
11715-WMKS-0103W	SW-8	6'-SI-132-1502-Q1	1A	B-J	B9.11	PT/UT	09/22/94	
11715-WMKS-0104A-1	LS-76W(SW-95)	10'-SI-25-153A-Q2	2A	C-F-1	C5.12	PT/UT	09/14/94	
11715-WMKS-0104A-1	LS-76W(SW-96)	10'-SI-25-153A-Q2	2A	C-F-1	C5.12	PT/UT	09/14/94	
11715-WMKS-0104A-1	LS-95(83A)	10'-SI-25-153A-Q2	2A	C-F-1	C5.12	PT/UT	09/14/94	
11715-WMKS-0104C	13	12'-SI-2-153A-Q2	2A	C-F-1	C5.11	PT/UT	09/18/94	
11715-WMKS-0104C	17	12'-SI-1-153A-Q2	2A	C-F-1	C5.11	PT/UT	09/19/94	
11715-WMKS-0104C	LS-A(17)	12'-SI-1-153A-Q2	2A	C-F-1	C5.12	PT/UT	09/18/94	*C
11715-WMKS-0104C	LS-A(18)	12'-SI-1-153A-Q2	2A	C-F-1	C5.12	PT/UT	09/18/94	*C
11715-WMKS-0104C	SW-24	12'-SI-14-153A-Q2	2A	C-F-1	C5.11	PT/UT	09/18/94	
11715-WMKS-0104D-1	52	10'-RS-9-153A-Q2	2C	C-F-1	C5.11	PT/UT	09/14/94	
11715-WMKS-0104G	LS-1W(SW-58)	8'-QS-4-153A-Q3	2A	C-F-1	C5.12	PT/UT	10/04/94	
11715-WMKS-0104G	LS-1W(SW-59)	8'-QS-4-153A-Q3	2A	C-F-1	C5.12	PT/UT	10/04/94	
11715-WMKS-0104K	LS-70(70)	10'-SI-213-153A-Q3	2A	C-F-1	C5.12	PT/UT	09/13/94	
11715-WMKS-0104K	LS-70(71)	10'-SI-213-153A-Q3	2A	C-F-1	C5.12	PT/UT	09/13/94	
11715-WMKS-0107C	27H	8'-QS-4-153A-Q3	2A	C-C	C3.20	PT	09/15/94	
11715-WMKS-0107C	34H	8'-QS-4-153A-Q3	2A	C-C	C3.20	PT	09/15/94	
11715-WMKS-0109E-1	8	31'-RC-2-2501R-Q1	1A	B-J	B9.11	PT/UT	09/21/94	Partial
11715-WMKS-0109F-1	20	31'-RC-5-2501R-Q1	1A	B-J	B9.11	PT/UT	09/22/94	Partial
11715-WMKS-0109G-2	SW-31	29'-RC-7-2501R-Q1	1A	B-J	B9.31	PT/UT	09/25/94	Partial
11715-WMKS-0109G-2	SW-42	27 1/2'-RC-9-2501R-Q1	1A	B-J	B9.31	PT/UT	09/25/94	Partial
11715-WMKS-0110B-1	49	1 1/2'-RC-105-1502-Q1	1A	B-J	B9.40	PT	09/22/94	
11715-WMKS-0111AB	R-18A	6'-CH-72-153A-Q2	2A	F-B	F2.0	VT-3	09/11/94	

DRAWING NUMBER	MARK NUMBER	LINE NUMBER	CLASS	SECTION CATEGORY	XI ITEM	EXAM METHOD	EXAM DATE	REMARKS
11715-WMKS-0111C	LS-58(SW-21)	8'-CH-17-153A-Q2	2A	C-F-1	C5.12	PT/UT	09/19/94	
11715-WMKS-0111C	LS-58(SW-37)	8'-CH-17-153A-Q2	2A	C-F-1	C5.12	PT/UT	09/19/94	
11715-WMKS-0113A-1	2	14'-RH-1-1502-Q1	1A	B-J	B9.11	PT/UT	09/22/94	
11715-WMKS-CH-E-3	SUPT-BRACKET	1-CH-E-3	1A	F-A	F1.0	VT-3	09/30/94	
11715-WMKS-RC-E-1A.1	TUBING	1-RC-E-1A	1A	B-Q	B16.20	ET	09/28/94	
11715-WMKS-RC-E-1A.2	10NIR	1-RC-E-1A	2A	C-B	C2.22	UT	09/28/94	
11715-WMKS-RC-E-1B.1	8	1-RC-E-1B	2A	C-A	C1.20	UT	09/30/94	
11715-WMKS-RC-E-1B.2	09	1-RC-E-1B	2A	C-B	C2.21	UT/MT	09/27/94	
11715-WMKS-RC-E-1C.1	CL-MANWAY	1-RC-E-1C	1A	B-G-2	B7.30	VT-1	09/27/94	
11715-WMKS-RC-E-1C.1	HL-MANWAY	1-RC-E-1C	1A	B-G-2	B7.30	VT-1	09/27/94	
11715-WMKS-RC-E-1C.1	TUBING	1-RC-E-1C	1A	B-Q	B16.20	ET	09/28/94	
11715-WMKS-RC-E-2	9	1-RC-E-2	1A	B-D	B3.110	VT-2	09/09/94	
11715-WMKS-RC-E-2	9NIR	1-RC-E-2	1A	B-D	B3.120	VT-2	09/09/94	
11715-WMKS-RC-R-1.1	INT	1-RC-R-1	1A	B-H-1	B13.10	VT-3	09/23/94	*B
11715-WMKS-RH-E-1B	3	1-RH-E-1B	2A	C-B	C2.33	VT-2	09/29/94	
11715-WMKS-RH-E-1B	4	1-RH-E-1B	2A	C-B	C2.33	VT-2	09/29/94	

* - Indication (the letter refers to the item listed in the Results section Attachment 1 page 4 of 11.

The following examinations were performed to satisfy additional examination requirements of IWC-2420 due to an indication found on SW-36 on 11715-WMKS-0102A. No Section XI credit was taken for these examinations. Credit will be taken when the examinations are performed as scheduled in the 10 Year Inservice Inspection Plan.

DRAWING NUMBER	MARK NUMBER	LINE NUMBER	CLASS	SECTION CTGRY	XI ITEM	EXAM METHOD	EXAM DATE	REMARKS
11715-WMKS-0104A-2	85W	10'-SI-239-153A-Q2	2A	C-C	C3.20	PT	10/01/94	
11715-WMKS-0104K	94H	10'-SI-214-153A-Q2	2A	C-C	C3.20	PT	10/01/94	
11715-WMKS-0107E	28H	10'-QS-1-153A-Q3	2A	C-C	C3.20	PT	10/01/94	
11715-WMKS-0107M	82H	8'-SI-40-153A-Q2	2A	C-C	C3.20	PT	10/01/94	
11715-WMKS-CH-P-1A	WS-01	1-CH-P-1A	2A	C-C	C3.30	PT	09/30/94	
11715-WMKS-CH-P-1A	WS-02	1-CH-P-1A	2A	C-C	C3.30	PT	09/30/94	
11715-WMKS-CH-P-1A	WS-03	1-CH-P-1A	2A	C-C	C3.30	PT	09/30/94	
11715-WMKS-CH-P-1A	WS-04	1-CH-P-1A	2A	C-C	C3.30	PT	09/30/94	

System Pressure Tests

The following inservice leak test were performed to complete the second period requirements.

1-CH-001	Emergency borate header, blender, and boric acid filter, Class 2. Test was completed on 11/11/94
1-CH-002	Normal charging system, Class 2, test completed 11/11/94
1-CH-003	Normal charging system, Class 2, test completed 11/11/94. No credit taken. Credit taken last outage.
1-CH-004	Normal charging system, Class 2, test completed 11/11/94
1-CH-005	Charging system, loop fill, Class 1. The test was completed on 9/11/94.
1-CH-006	Normal charging system, Class 2, test completed 11/11/94
1-CH-009	Charging system, boric acid transfer normal flow path, Class 2. The test was completed on 11/11/94.
1-CH-10	Boric acid transfer pump 1-CH-P-2C, Class 2. Test completed 11/11/94
1-CH-11	Boric acid transfer, Class 2, Test completed 11/11/94.
1-DA-001	Containment sump discharge, Penetration 38, Class 2. The test was completed on 9/29/94.
1-FP-001	Fire protection to reactor containment penetration 34, Class 2. The test was completed on 9/10/94.
1-QS-003	Quench spray return to RWST, Class 2. The test was completed on 10/5/94.
1-QS-004	2-QS-P-1B suction and recirc. piping, Class 2. Test was completed on 11/8/94.
1-QS-005	Quench spray, chemical addition tank, Class 2. The test was completed on 10/5/94.
1-QS-007	Quench spray, RWST and attached piping, Class 2. The test was completed on 10/5/94.
1-RC-001	Reactor Coolant System, Class 1/2, test completed 10/8/94
1-RH-001	RHR system, penetration 97, Class 2, test completed 9/18/94

1-RP-001 Refueling purification to the cavity, penetration 103, Class 2. The test was completed on 9/27/94.

1-RP-002 Refueling purification from the cavity, penetration 104, Class 2. The test was completed on 9/27/94.

1-RS-001 RHR system, Class 2, test completed 9/21/94. No credit taken, credit taken last outage.

1-RS-002 RHR system, Class 2, test completed 9/21/94. No credit taken, credit taken last outage.

1-RS-005 Recirc. Spray, casing cooling pump 1-RS-P-3A and discharge piping, Class 2. The test was completed on 10/3/94.

1-RS-006 Recirc. spray, casing cooling pump 1-RS-P-3B and discharge piping, Class 2. The test was completed on 10/4/94.

1-RS-007 Recirc. spray to outside RS pump suction, Class 2. The test was completed on 9/21/94.

1-RS-011 Recirc. spray pump 1-RS-P-2A suction and discharge, Class 2. The test was completed on 10/5/94.

1-RS-012 Recirc. spray pump 1-RS-P-2B suction and discharge, Class 2. The test was completed on 10/5/94.

1-SI-010 RWST to low head safety injection pumps, Class 2. The test was completed on 10/5/94.

1-SI-014 Safety Injection to Hot Leg, Class 1/2, test completed 10/8/94

1-SI-020 Low head safety injection to charging pump suction, Class 2. The test was completed on 11/11/94.

1-SS-002 Sample system pressurizer relief tank gas sample space, penetration 57B, Class 2. The test was completed on 9/14/94.

Snubber Replacements

A total of 81 snubbers were replaced as part of the Tech. Spec. functional test program. Out of the 81 snubbers tested there was one failure, 1-MS-HSS-204 on 11715-WMKS-101B Class 2. The cause of the failure was due to a piece of an O-ring obstructing the valve block. The failure was determined to be nongeneric therefore no expansion of the test group was necessary. Since there was only one functional test failure during the last refueling outage, one snubber had to be removed for retest. A total of 21 snubbers were replaced due to seal life considerations or maintenance activities to resolve various visual anomalies and in support of other departments.

Snubber removal and installation for the Tech. Spec. functional test program are considered maintenance activities and not ASME Section XI repair and replacements. The ANII was not involved in the review of this work.

STEAM GENERATOR EDDY CURRENT

STEAM GENERATOR "A"

Tubes Inspected Full Length: 1803 of 3592
Tubes Plugged: None
Indications Recorded: None

STEAM GENERATOR "C"

Tubes Inspected Full Length: 1796 of 3592
Tubes Plugged: None
Indications Recorded: None

ATTACHMENT 2

**1994 UNIT 1 REFUELING OUTAGE
INSERVICE INSPECTION SUMMARY REPORT**

OWNER'S REPORT OF REPAIRS AND REPLACEMENTS

**NORTH ANNA POWER STATION - UNIT 1
P.O. BOX 402
MINERAL, VA 23117**

COMMERCIAL SERVICE DATE 6-6-78

DECEMBER 29, 1994

**VIRGINIA ELECTRIC AND POWER COMPANY
5000 DOMINION BOULEVARD
GLEN ALLEN, VA 23060**

Repairs and Replacements

Repairs and replacements completed during this inservice inspection period were performed in accordance with Section XI of the ASME Boiler and Pressure Vessel Code, 1983 Edition Summer 1983 Addenda.

The following paragraphs and the attached NIS-2 Forms (Attachment 2, pages 9 thru 90) represent those repairs and replacements performed on Class 1 or Class 2 systems:

- A) 93-240 - Repaired eroded cladding in discharge nozzle of pump 1-CH-P-1C and replaced weld 76, Class 2, (Work Order 262080). The repair was completed on 7/30/93.
- B) 93-291 - Replaced body to bonnet bolting on check valve 1-CH-254, Class 2, (Work Order 261377). The replacement was completed on 9/3/93.
- C) 93-439 - Replaced extension piece (spacer) for valve body to repair bonnet leak on 1-MS-PCV-101C, Class 2, (Work Order 272760). Replacement completed on 10/13/93
- D) 93-508 - Replaced bonnet nuts and one damaged inlet stud. on 1-MS-PCV-101C, Class 2, (Work Order 279709-01). The nuts were replaced due to a new design. The replacement was completed on 3/8/94.
- E) 93-509 - Machined valve bonnet/body gasket surface on 1-MS-PCV-101C, Class 2, (Work Order 279709-01). The surface was machined to remove any imperfections. Replacement was completed on 1/4/94.
- F) 94-21 and 94-332 - Replaced 3 inch flanges and flange bolting on 3"-WGCB-3-601-Q3, Class 2 (Work Order 262329-01). The flanges were replaced to repair a leak. Deviation Report N-94-1770.
- G) 94-23 - Replace bonnet bolting on 1-RS-95, Class 2 (Work Order 280698). Bolting was replaced due to improper thread engagement. Replacement was completed on 2/8/94.
- H) 94-34 - Replace bonnet bolting on 1-SI-MOV-1862B, Class 2 (Work Order 280844-01). Bolting was replaced due to improper thread engagement. Replacement was completed on 2/4/94.
- I) 94-35 - Replace bonnet bolting on 1-RS-MOV-156A, Class 2 (Work Order 281696). Bolting was replaced due to improper thread engagement. Replacement was completed on 5/2/94.
- J) 94-43 - Replaced bonnet studs and one missing nut on 1-RS-MOV-100A, Class 2, (Work Order 280952-01). Bolting was replaced due to improper thread engagement. The replacement was completed on 2/3/94, Deviation Report N-94-1770.

- K) 94-58 - Replaced flange bolting on restriction orifice 1-RS-RO-108B, Class 2, (Work Order 283040). Bolting was replaced due to improper thread engagement. The replacement was completed on 9/17/94, Deviation Report N-94-1770.
- L) 94-59 - Replaced flange bolting on restriction orifice 1-RS-RO-108A, Class 2, (Work Order 283038). Bolting was replaced due to improper thread engagement. The replacement was completed on 9/17/94, Deviation Report N-94-1770.
- M) 94-60 - Replaced flange bolting on restriction orifice 1-RS-RO-107B, Class 2, (Work Order 283014). Bolting was replaced due to improper thread engagement. The replacement was completed on 9/17/94, Deviation Report N-94-1770.
- N) 94-61 - Replaced flange bolting on restriction orifice 1-RS-RO-106B, Class 2, (Work Order 283012). Bolting was replaced due to improper thread engagement. The replacement was completed on 9/17/94, Deviation Report N-94-1770.
- O) 94-62 - Replaced flange bolting on restriction orifice 1-RS-RO-105A, Class 2, (Work Order 283008). Bolting was replaced due to improper thread engagement. The replacement was completed on 9/17/94, Deviation Report N-94-1770.
- P) 94-63 - Replaced flange bolting on restriction orifice 1-RS-RO-106A, Class 2, (Work Order 283011). The bolting was replaced due to corrosion. The replacement was completed on 9/17/94, Deviation Report N-94-1770.
- Q) 94-64 - Replaced flange bolting on restriction orifice 1-RS-RO-107A, Class 2, (Work Order 283013). The bolting was replaced due to corrosion. The replacement was completed on 9/17/94, Deviation Report N-94-1770.
- R) 94-65 - Replaced flange bolting on restriction orifice 1-RS-RO-105B, Class 2, (Work Order 283010). The bolting was replaced due to corrosion. The replacement was completed on 9/17/94, Deviation Report N-94-1770.
- S) 94-112 - Cut a 1 1/4" pressure tap pipe on 1-CH-341 (Reactor Coolant Pump "A") and installed a pipe cap Class 1, (Work Order 288660 DCP 93-202). The pressure tap is no longer used. The replacement was completed on 10/8/94.
- T) 94-113 - Cut a 1 1/4" pressure tap pipe on 1-CH-342 (Reactor Coolant Pump "A") and installed a pipe cap Class 1, (Work Order 288664 DCP 93-202). The pressure tap is no longer used. The replacement was completed on 10/8/94.

- U) 94-114 - Cut a 1 1/4" pressure tap pipe on 1-CH-363 (Reactor Coolant Pump "B") and installed a pipe cap Class 1, (Work Order 288675 DCP 93-202). The pressure tap is no longer used. The replacement was completed on 10/8/94.
- V) 94-115 - Cut a 1 1/4" pressure tap pipe on 1-CH-364 (Reactor Coolant Pump "B") and installed a pipe cap Class 1, (Work Order 288677 DCP 93-202). The pressure tap is no longer used. The replacement was completed on 10/8/94.
- W) 94-116 - Cut a 1 1/4" pressure tap pipe on 1-CH-385 (Reactor Coolant Pump "C") and installed a pipe cap Class 1, (Work Order 288684 DCP 93-202). The pressure tap is no longer used. The replacement was completed on 10/8/94.
- X) 94-117 - Cut a 1 1/4" pressure tap pipe on 1-CH-386 (Reactor Coolant Pump "C") and installed a pipe cap, Class 1, (Work Order 288686 DCP 93-202). The pressure tap is no longer used. The replacement was completed on 10/8/94.
- Y) 94-123 - Replaced tube steel on pipe support 1-QS-PH-11.1, 1-QS-PH-11.5, and 1-QS-PH-11.6, Class 2 (Work Order 289217-1, 2, and 3). The tube steel was damaged by ice expansion. The replacement was completed on 5/18/94.
- Z) 94-135 - Replaced bonnet bolting on 1-QS-38, Class 2 (Work Order 290392-01). The bolting was replaced due to corrosion. The replacement was completed on 7/5/94.
- AA) 94-209 - Installed flow venturis and flow orifices on high head safety injection lines, Class 2, (DCP-94-007). The flow venturis and flow orifices will improve the flow measurement capabilities on the high head safety injection system. The replacement was completed on 10/8/94.
- AB) 94-211 - Replace bonnet bolting on 1-CH-287, Class 2, (Work Order 297332). The bolting was replaced during repair of valve for leak-by. Replacement was completed on 9/26/94.
- AC) 94-212 - Replace bonnet bolting on 1-CH-288, Class 2, (Work Order 297341). The bolting was replaced during repair of valve for leak-by. Replacement was completed on 9/28/94.
- AD) 94-214 - Replaced flange bolting on 1-QS-FE-104, Class 2, (Work Order 291238) The bolting was replaced as part of the gasket replacement to repair a leak. The replacement was completed on 11/7/94.

- AE) 94-215 - Replaced flange bolting on 1 1/2"-QS-11-152-Q3, Class 2, (Work Order 291237-02) The bolting was replaced as part of the gasket replacement to repair a leak. The replacement was completed on 8/26/94.
- AF) 94-218 - Replaced flange bolting on 1-QS-PP-11-152-Q3, Class 2, (Work Order 291237-02) The bolting was replaced as part of the gasket replacement to repair a leak. The replacement was completed on 11/7/94.
- AG) 94-227 - Installed a 2" check valve in line 3"-CH-73-153A-Q2 and moved 4x4x3 tee from line 4"-CH-112-153A-Q2, Class 2 (Work Order 296203, DCP 94-100). The modification was made to prevent thermal fatigue of piping caused by valve leakby. Replacement was completed on 9/24/94.
- AH) 94-242 - Replaced one stud and two nut on the inlet flange of 1-RC-SV-1551C, Class 1, (Work Order 280208-3). The stud was damaged during disassembly. Replacement was completed on 9/17/94.
- AI) 94-243 - Replaced the inlet flange bolting on 1-MS-SV-105C, Class 2, (Work Order 280284). The bolting was replaced as a good maintenance practice. Replacement was completed on 10/2/94.
- AJ) 94-244 - Replaced three studs and three nuts on the inlet flange of 1-RC-SV-1551A, Class 1, (Work Order 280208-1). The stud was damaged during disassembly. Replacement was completed on 9/17/94.
- AK) 94-245 - Replaced the inlet flange bolting on 1-MS-SV-105B, Class 2, (Work Order 280282-02). The bolting was replaced as a good maintenance practice. Replacement was completed on 10/2/94.
- AL) 94-246 - Replaced one stud on the inlet flange of 1-RC-SV-1551B, Class 1, (Work Order 280208-2). The stud was damaged during disassembly. Replacement was completed on 9/17/94.
- AM) 94-247 - Replaced the inlet flange bolting on 1-MS-SV-105A, Class 2, (Work Order 280280-02). The bolting was replaced as a good maintenance practice. Replacement was completed on 10/1/94.
- AN) 94-248 - Replaced the inlet flange bolting on 1-MS-SV-104C, Class 2, (Work Order 280278-02). The bolting was replaced as a good maintenance practice. Replacement was completed on 10/2/94.
- AO) 94-249 - Replaced the inlet flange bolting on 1-MS-SV-104B, Class 2, (Work Order 280277-02). The bolting was replaced as a good maintenance practice. Replacement was completed on 10/2/94.

- AP) 94-250 - Replaced the inlet flange bolting on 1-MS-SV-104A, Class 2, (Work Order 280276-02). The bolting was replaced as a good maintenance practice. Replacement was completed on 10/1/94.
- AQ) 94-251 - Replaced the inlet flange bolting on 1-MS-SV-103C, Class 2, (Work Order 280275-02). The bolting was replaced as a good maintenance practice. Replacement was completed on 10/2/94.
- AR) 94-252 - Replaced the inlet flange bolting on 1-MS-SV-103B, Class 2, (Work Order 280272-02) The bolting was replaced as a good maintenance practice. Replacement was completed on 10/2/94.
- AS) 94-253 - Replaced the inlet flange bolting on 1-MS-SV-103A, Class 2, (Work Order 280269-02). The bolting was replaced as a good maintenance practice. Replacement was completed on 10/1/94.
- AT) 94-254 - Replaced the inlet flange bolting on 1-MS-SV-102C, Class 2, (Work Order 280267-02). The bolting was replaced as a good maintenance practice. Replacement was completed on 10/1/94.
- AU) 94-255 - Replaced the inlet flange bolting on 1-MS-SV-102B, Class 2, (Work Order 280266-02). The bolting was replaced as a good maintenance practice. Replacement was completed on 10/2/94.
- AV) 94-256 - Replaced the inlet flange bolting on 1-MS-SV-102A, Class 2, (Work Order 280265-02). The bolting was replaced as a good maintenance practice. Replacement was completed on 10/2/94.
- AW) 94-257 - Replaced the inlet flange bolting on 1-MS-SV-101C, Class 2, (Work Order 280221-03). The bolting was replaced as a good maintenance practice. Replacement was completed on 10/1/94.
- AX) 94-258 - Replaced the inlet flange bolting on 1-MS-SV-101B, Class 2, (Work Order 280220-02). The bolting was replaced as a good maintenance practice. Replacement was completed on 10/2/94.
- AY) 94-259 - Replaced the inlet flange bolting on 1-MS-SV-101A, Class 2, (Work Order 280219). The bolting was replaced as a good maintenance practice. Replacement was completed on 10/1/94.
- AZ) 94-265 - Replaced valve 1-CC-84, Class 2 (Work Order 299077-1). The valve was replaced due to failing Type C test. The replacement was completed on 10/8/94.
- BA) 94-268 - Replaced bolting on pipe support 1-QS-PH-RH-71, Class 2 (Work Order 297835-01). The bolting was replaced due to corrosion. Replacement was completed on 9/26/94, Deviation Report N-94-1770.

- BB) 94-274 - Replaced #1 Conoseal flange, Class 1, (Work Order 299248-01). The defect was found during the VT-2 examination at the start of the outage. The replacement was completed on 10/8/94.
- BC) 94-275 - Replaced #4 Conoseal flange, Class 1, (Work Order 299246-01). The defect was found during the VT-2 examination at the start of the outage. The replacement was completed on 10/8/94.
- BD) 94-292 - Replaced valve disc on 1-CH-325, Class 1 (Work Order 290919). The disc was found to be stuck open during inspection. Replacement was completed on 9/26/94, Deviation Report N-94-1770.
- BE) 94-300 - Replaced valve disc on 1-MS-SV-101C, Class 2, (Work Order 280221-01). The disc was replaced due to a failed seat leakage test. The replacement was completed on 10/14/94.
- BF) 94-301 - Replaced valve disc on 1-MS-SV-103A, Class 2, (Work Order 280269-01). The disc was replaced due to a failed seat leakage test. The replacement was completed on 9/23/94.
- BG) 94-304 - Repaired #1 Conoseal flange seal weld, Class 1, (Work Order 299246-01). The defect was found during final LP examination of conoseal flange replacement under repair program 94-275. The repair was completed on 10/8/94.
- BH) 94-305 - Replaced valve 1-IA-55, Class 2 (Work Order 299588-1). The valve was replaced due to failing Type C test. The replacement was completed on 9/23/94.
- BI) 94-306 - Replaced valve disc on 1-CH-322, Class 2, (Work Order 290889-01). The disc was replaced during inspection of bushing engagement. The replacement was completed on 9/28/94.
- BJ) 94-307 - Replaced valve bolting and valve seat in spare which was removed from location 1-CC-199 under repair program 93-56 and installed this rebuilt valve in location 1-CC-546, Class 2 (Work Order 299531-01). The flange bolting was replaced during installation. The valve was replaced due to failed Type C test. Replacement was completed on 10/11/94.
- BK) 94-314 - Machined 0.020 inches off of the disc of 1-SI-89, Class 1, (Work Order 299220-01). The machining was performed due to a failed Type C test. Replacement was completed on 9/23/94.
- BL) 94-318 - Replaced valve disc on 1-CH-496, Class 1, (Work Order 299555). The disc was replaced during inspection of bushing engagement. The replacement was completed on 9/22/94.

- BM) 94-324 - Repaired #1 Conoseal flange seal weld, Class 1, (Work Order 299248). The defect was found during final LP examination of conoseal flange replacement under repair program 94-274. The repair was completed on 10/8/94.
- BN) 94-327 - Machined 0.030 inches off of the disc of 1-CH-322, Class 2, (Work Order 290889-02). The mating surface was inspected during the inspection of bushing engagement. The machining was performed to restore the mating surface. Repair was completed on 9/24/94
- BO) 94-329 - Repair defect on a feedwater integral attachment, SW-36 on 11715-WMKS-0102A, Class 2 (Work Order 299824). The defect was found during inservice inspection (see Attachment 1 page 4 of 11 Item A). Repair was completed on 10/1/94.
- BP) 94-335 - Installed a heli-coil in the secondary manway of 1-RC-E-1A, Class 2 (Work Order 299795). The bolt was cut off to remove manway and then drilled out. Replacement was completed on 10/14/94.
- BQ) 94-342 - Replaced valve plates, studs and nuts on 1-CC-559, Class 2 (Work Order 299532). The valve plates were replaced due to a failed Type C test. Replacement was completed on 10/11/94.
- BR) 94-346 - Installed new spring guides on spring hanger 1-SI-SPRH-53-3, Class 2, (Work Order 300279. The pipe clamp had slide down and both spring cans had no load on them. The replacement was completed on 11/7/94.
- BS) 94-347 - Installed a new design of conoseal clamp assemblies, Class 1, (Work Order 278183 DCP 94-184). The replacement was completed on 10/8/94.
- BT) 94-348 - Replaced a missing clamp bolt and nut on 1-SI-SPRH-51-31, Class 2, (Work Order 300297). The replacement was completed on 11/7/94.
- BU) 94-352 and 94-354 Replaced valve seat, studs and nuts on 1-BD-TV-100E, Class 2 (Work Order 299165). The valve seat was replaced due to a failed Type C test. Replacement was completed on 10/6/94.
- BV) 94-356 - Replaced expansion joint 1-RS-MEJ-1A and bolting, Class 2 (Work Order 300374). The expansion joint was damaged by a heavy object being placed on top of it. Replacement was completed on 10/5/94.
- BW) 94-361 - Replaced the main flange bolting of 1-QS-P-1A, Class 2 (Work Order 300445). The bolting was replaced as a good maintenance practice. The replacement was completed on 10/5/94.

BX) 94-365 and 94-367 - Replaced bonnet studs and nuts on 1-WT-505 and replaced studs on support 1-FPH-SGD-175, Class 2 (Work Order 300923). Blowdown valve, 1-WT-505 was leaking by during startup. Replacements were done to allow injection of furmanite. The replacement was completed on 10/11/94.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 09/29/93
Name
5000 Dominion Blvd. Glen Allen, VA. 23060
Address
 2. Plant North Anna Power Station Sheet 1 of 1
Name Unit 1
P.O. Box 402 Mineral, VA. 23117 WO # 262080 Repair/Replacement 93-240
Address Repair Organization P.O. No., Job No., etc.
 3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name Authorization No. N/A
5000 Dominion Blvd. Glen Allen, VA. 23060 Expiration Date N/A
Address
 4. Identification of System Charging System
 5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 S 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pump	Pacific Pumps	46364	N/A	1-CH-P-1C	1973	Repair	No
3-CH-81-1502-Q2	Southwest Fab	N/A	N/A	Weld 76	Unk.	Replaced	No
3-CH-81-1502-Q2	Southwest Fab	N/A	N/A	Weld 76A	1993	Replacement	No

7. Description of Work Repaired eroded cladding in discharge nozzle of pump, replaced weld 76
 8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 2660 psi Test Temp. 85 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10/27/93
5000 Dominion Blvd. Glen Allen, VA. 23060
 Address
2. Plant North Anna Power Station Unit 1
P.O. Box 402 Mineral, VA. 23117
 Address
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
5000 Dominion Blvd. Glen Allen, VA. 23060 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System CVCS (Charging)
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda 78, 81, 83 (R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 S 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Velan	Unk.	N/A	1-CH-254	Unk.	Replaced	No
Check Valve	Velan	Unk.	N/A	1-CH-254	Unk.	Replacement	No

7. Description of Work Replaced body to bonnet bolting after check valve inspection.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 2660 psi Test Temp. 83 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pump	Pacific Pumps	46364	N/A	1-CH-P-1C	1973	Repair	No
3-CH-81-1502-Q2	Southwest Fab	N/A	N/A	Weld 76	Unk.	Replaced	No
3-CH-81-1502-Q2	Southwest Fab	N/A	N/A	Weld 76A	1993	Replacement	No

7. Description of Work	Repaired eroded cladding in discharge nozzle of pump, replaced weld 76
------------------------	--

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure 2660 psi Test Temp. 85 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME XI Class 2. Performed system inservice test (VT-2) per Code Case N-416.
Applicable Manufacturer's Data Reports to be attached
Repaired cladding in discharge nozzle of pump. Removed discharge piping for
access to nozzle. Replaced weld 76 with weld 76A. Performed liquid penetrant
examination of final weld (76A and clad) Performed radiography of final weld 76A

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this rep/repl conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed [Signature] Se Technician Date 29 September, 19 93
 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 of Virginia and employed by Hartford Steam Boiler & L Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 7/12/93 to 7/30/93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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 VA424
 Inspector's Signature National Board, State, Province, and Endorsements
 Date 9/29 19 93

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10/27/93
5000 Dominion Blvd. Glen Allen, VA. 23060
 Name Address Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
P.O. Box 402 Mineral, VA. 23117
 Name Address WO # 261377, R/R Program 93-291
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
5000 Dominion Blvd. Glen Allen, VA. 23060
 Name Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System CVCS (Charging)
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 S 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Velan	Unk.	N/A	1-CH-254	Unk.	Replaced	No
Check Valve	Velan	Unk.	N/A	1-CH-254	Unk.	Replacement	No

7. Description of Work Replaced body to bonnet bolting after check valve inspection.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 2660 psi Test Temp. 83 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME XI Class 2.

Applicable Manufacturer's Data Reports to be attached
Performed VT-2 examination following valve assembly.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed [Signature] IST Engineer
 Owner or Owner's Designee, Title

Date 27 October, 19 93

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 Hartford Steam Boiler I & I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/2/93 to 9/3/93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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]
 Inspector's Signature

Commissions

V4424
 National Board, State, Province and Endorsements

Date Oct. 27 19 93

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10/28/93
Name
5000 Dominion Blvd. Glen Allen, VA. 23060
Address
2. Plant North Anna Power Station Sheet 1 of 1
Name
P.O. Box 402 Mineral, VA. 23117
Address Unit 1
WO # 272760, R/R Program 93-439
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name Authorization No. N/A
5000 Dominion Blvd. Glen Allen, VA. 23060 Expiration Date N/A
Address
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda, 78, 81, 83 (R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 S 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Fisher	5091027 P2N 12/22/94 Unk.	N/A	1-MS-PCV-101C	Unk.	Replaced	No
Valve	Fisher	5091027 Unk. 12/22/94	N/A	1-MS-PCV-101C	Unk.	Replacement	No
		M. M. Grace per. telecon 12/22/94					

7. Description of Work Replaced extension piece (spacer) for valve body to repair bonnet leak
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 800 psi Test Temp. 540 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME XI Class 2.
Applicable Manufacturer's Data Reports to be attached
Performed VT-2 examination following valve reassembly.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] S. Technician Date 28 October, 19 93
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 Hartford Steam Boiler I & I Co. of
Hartford, CT have inspected the components described
in this Owner's Report during the period 10/10/93 to 10/13/93, and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's 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 V9424
Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 28 19 93

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 03/06/94
5000 Dominion Blvd. Glen Allen, VA. 23060
 Address Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
P.O. Box 402 Mineral, VA. 23117
 Address WO # 27970901, R/R Program 93-508
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
5000 Dominion Blvd. Glen Allen, VA. 23060
 Address Authorization No. N/A
Expiration Date N/A
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda, 78, 81, 83 (R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 S 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Fisher	5091027	N/A	1-MS-PCV-107C	Unk.	Replaced	No
Valve	Fisher	5091027	N/A	1-MS-PCV-101C	Unk.	Replacement	No

7. Description of Work Replaced one damaged inlet stud. Replaced bonnet nuts due to design.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F None

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME XI Class 2.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed S.P. Hamill ^{ISA 5-8-94} Mar ISI Engineer Date March 8, 19 94
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 Hartford Steam Boiler I & I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 12/28/93 to 3/8/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hare Commissions 9531, VA424, I, N/A
Inspector's Signature National Board, State, Province, and Endorsements

Date March 14, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 03/08/94
5000 Dominion Blvd. Glen Allen, VA. 23060
 Address
2. Plant North Anna Power Station Sheet 1 of 1
P.O. Box 402 Mineral, VA. 23117 Unit 1
 Address
3. Work Performed by Virginia Electric & Power Company WO # 279709-01, R/R Program 93-509
5000 Dominion Blvd. Glen Allen, VA. 23060 Repair Organization P.O. No., Job No., etc.
 Address
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda, 78, 81, 83 (R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 S 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	<u>Fisher P3N 12/22/94</u> Pope	<u>5091027</u>	<u>N/A</u>	<u>1-MS-PCV-101C</u>	<u>Unk.</u>	<u>Repaired</u>	<u>No</u>
	<u>M M Bence</u> <u>PC Station</u> <u>12/22/94</u>						

7. Description of Work Machined valve bonnet/body gasket surface to remove any imperfections.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F Liquid-Penetrant

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME XI Class 2.

Applicable Manufacturer's Data Reports to be attached

Performed VT-1 and LP examination following the machining of the gasket surface.

Performed VT-2 examination following the reassembly of valve.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed S.P. Hamill
Owner or Owner's Designee, Title

ISI Engineer

Date March 8, 19 94

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 Hartford Steam Boiler I & I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 12/28/83 to 1/4/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hall
Inspector's Signature

Commissions 9531, VA424, I, N, A
National Board, State, Province, and Endorsements

Date March 16, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-9-94
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 Address
 R/R Program 94-021 & 94-332, W.O. 262329-01
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Steam Generator Blowdown (BD)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/s 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Flanges	N/A	N/A	N/A	1-BD-FE-103C	Unk.	Replaced	No
Flanges	WFI Nuclear Products Inc.	Heat Code 543WNF	N/A	1-BD-FE-103C	1994	Replacement	No
Studs	N/A	N/A	N/A	1-BD-FE-103C	Unk.	Replaced	No
Studs	Texas Bolt	Heat No. 8895101	N/A	1-BD-FE-103C	1987	Replacement	No
Nuts	N/A	N/A	N/A	1-BD-FE-103C	Unk.	Replaced	No
Nuts	NOVA	Heat No. 8860214	N/A	1-BD-FE-103C	1993	Replacement	No.

7. Description of Work Replace 3" flanges and flange bolting on line 3" WGC B-3-601-Rg flow element.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 1357 psi Test Temp. Ambient °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2, originally constructed to Class 3
Applicable Manufacturer's Data Reports to be attached
Performed LP examination of replacement welds. Piping was originally
constructed to ANSI B31.7 Class 3 requirements.
ANII hold points bypassed for weld data sheets 19A and 20A.
Ref. DR N-94-1778

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
 ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed J.P. Hamill ISI Engineer Date November 9, 1994
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 H.S.B.E.I. of
Hartford, CT. have inspected the components described
 in this Owner's Report during the period 11/2/94 to 12/1/94, and state that
 to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
 Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
 examinations and corrective measures described in this Owner's 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.

Mark M. Huse Commissions NB7531 VA424 J.N.A.
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 22, 1994

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 03/08/94
5000 Dominion Blvd. Glen Allen, VA. 23060
 Address
2. Plant North Anna Power Station Unit 1
P.O. Box 402 Mineral, VA. 23117
 Address
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
5000 Dominion Blvd. Glen Allen, VA. 23060 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Recirculation Spray
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 S 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Crane	Unk.	N/A	1-RS-95	Unk.	Replaced	No
Valve	Crane	Unk.	N/A	1-RS-95	Unk.	Replacement	No

7. Description of Work Replaced body to bonnet bolting due to improper thread protrusion.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F None

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME XI Class 2.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed S.P. Hamill
Owner or Owner's Designee, Title

ISI Engineer

Date March 8, 19 94

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 Hartford Steam Boiler I & I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 1/1/94 to 2/2/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hise
Inspector's Signature

Commissions 9531, VA424, INA
National Board, State, Province, and Endorsements

Date March 14, 19 94

Docket Number: 50-338
Serial Number: 94-688
Attachment 2
Page 16 of 90

This page intentionally left blank.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	ALOYCO	GM42SAH	N/A	1-SI-MOV-1862B	Unk.	Replaced	No
Valve	ALOYCO	GM42SAH	N/A	1-SI-MOV-1862B	Unk.	Replacement	No

REPRINT 12/91

FORM NIS-2 (Back)

9. Remarks ASME XI Class 2.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed S.P. Hamill ISI Engineer Date March 8, 19 94
 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 Hartford Steam Boiler I & I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 1/25/93 to 2/4/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mal M. Hara Commissions 9531, VA42V, I, N, A
 Inspector's Signature National Board, State, Province, and Endorsements

Date March 14, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 05/05/94
5000 Dominion Blvd. Glen Allen, VA. 23060
 Address
2. Plant North Anna Power Station Sheet 1 of 1
P.O. Box 402 Mineral, VA. 23117 Unit 1
 Address
3. Work Performed by Virginia Electric & Power Company R/R Program 94-035, W.O. 281696
5000 Dominion Blvd. Glen Allen, VA. 23060 Repair Organization P.O. No., Job No., etc.
 Address
4. Identification of System Recirculation Spray
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda, 78, 81, 83 (R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 s 83 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Motor Op. Valve	Crane	K2-1080RT	N/A	1-RS-MOV-156A	N/A	Replaced	No
Motor Op. Valve	Crane	K2-1080RT	N/A	1-RS-MOV-156A	N/A	Replacement	No

7. Description of Work Replaced body to bonnet studs and nuts.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME XI Class 2.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed S.P. Hamill
Owner or Owner's Designee, Title

ISI Engineer

Date May 5, 19 94

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 Hartford Steam Boiler I & I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 1/26/94 to 5/2/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hise
Inspector's Signature

Commissions

9531, V4434, I, N, A
National Board, State, Province, and Endorsements

Date May 9, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-8-94
Name
5000 Dominion Blvd. Glen Allen, VA 23060
Address
2. Plant North Anna Power Station Unit 1
Name
P.O. Box 402, Mineral, VA 23117
Address R/R Program 94-043 W.O. 280952-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name
5000 Dominion Blvd. Glen Allen, VA 23060
Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System Recirculation Spray (RS)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/s 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-RS-MOV-100A	Unk.	Replaced	No
Studs	NOVA	Heat No. M43903	N/A	1-RS-MOV-100A	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-RS-MOV-100A	Unk.	Replaced	No
Nuts	Texas Bolt	Heat No. 6021141	N/A	1-RS-MOV-100A	1991	Replacement	No

7. Description of Work Replace bennet studs and one missing nut.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached
No ASME Notification. Ref. DR N-94-1770

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed J.P. Hamill ISI Engineer Date November 8, 1994
 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 H.S.B.I. #2 of Hartford, CT have inspected the components described in this Owner's Report during the period 2/6/94 to 2/13/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Fucci Commissions NB2531, VA424, I.N.A.
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Nov 9, 1994

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-8-94
Name
5000 Dominion Blvd, Glen Allen, VA 23060
Address
2. Plant North Anna Power Station Unit 1
Name
P.O. Box 402, Mineral, VA 23117
Address
R/R Program 94-058 W.O. 283040
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name
5000 Dominion Blvd, Glen Allen, VA 23060
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Recirculation Spray (RS)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/ 5 83 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-RS-RO-108B	Unk.	Replaced	No
Studs	Cardinal 11-8-94	Heat No. 8866164	N/A	1-RS-RO-108B	1993	Replacement	No
Nuts	Texas Bolt	Heat No. 8865334	N/A	1-RS-RO-108B	1994	Replacement	No
Nuts	N/A	N/A	N/A	1-RS-RO-108B	Unk.	Replaced	No

7. Description of Work Replace studs and nuts
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached
No ANI Notification. Ref. DR N-94-1770

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed J.P. Hamill, ISI Engineer Date November 8, 1994
 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 H.S.B.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 2/18/94 to 9/17/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Avery Commissions ND7531, V4424, I.N.A.
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Nov 8, 1994

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-8-94
Name
5000 Dominion Blvd. Glen Allen, VA 23060
Address
2. Plant North Anna Power Station Unit 1
Name
P.O. Box 402, Mineral, VA 23117
Address R/R Program 94-059, W.O. 283038
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name Authorization No. N/A
5000 Dominion Blvd. Glen Allen, VA 23060 Expiration Date N/A
Address
4. Identification of System Recirculation Spray (RS)
5. (a) Applicable Construction Code B31.7 1969 Edition, 1970 Addenda 7R 81, 82(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 B3 w/ 5 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-RS-RO-108A	Unk.	Replaced	No
Studs	Cardinal	Heat No. 8866164	N/A	1-RS-RO-108A	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-RS-RO-108A	Unk.	Replaced	No
Nuts	Texas Bolt	Heat No. 8865334	N/A	1-RS-RO-108A	1994	Replacement	No

7. Description of Work Replace studs and nuts.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME CLASS 2
 Applicable Manufacturer's Data Reports to be attached
No ANEL Notification. Ref. DR N-94-1770

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed J.P. Hamill ISI Engineer Date November 8, 19 94
 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 H.S. R.I.I. of Hartford, CT. have inspected the components described in this Owner's Report during the period 2/15/94 to 9/12/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Auer Commissions NB2531 VA424 I.N.A.
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 9, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company
Name
5000 Dominion Blvd. Glen Allen, VA 23060
Address
2. Plant North Anna Power Station
Name
P.O. Box 402, Mineral, VA 23117
Address
3. Work Performed by Virginia Electric & Power Company
Name
5000 Dominion Blvd. Glen Allen, VA 23060
Address
4. Identification of System Recirculation Spray (RS)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78B, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/ 83 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-RS-RD-107B	Unk.	Replaced	No
Studs	Texas Bolt	Heat No. 53798	N/A	1-RS-RD-107B	1994	Replacement	No
Nuts	N/A	N/A	N/A	1-RS-RD-107B	Unk.	Replaced	No
Nuts	Cardinal	Heat No. 8866807	N/A	1-RS-RD-107B	1993	Replacement	No

7. Description of Work Replace bolting.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached
No ANIR Notifications. Ref. DR N-94-1770

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed S. P. Hamill ISI Engineer Date November 8, 19 94
 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 H. S. B. I. & I of Hartford, CT have inspected the components described in this Owner's Report during the period 2/17/94 to 9/17/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Michael M. Hamill Commissions NB 9531 VA 424 INA
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 9 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-8-94
Name
5000 Dominion Blvd. Glen Allen, VA 23060
Address
2. Plant North Anna Power Station Sheet 1 of 1
Name
P.O. Box 402, Mineral, VA 23117
Address Unit 1
R/R Program 94-061, W.O. 283012
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name
5000 Dominion Blvd. Glen Allen, VA 23060
Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System Recirculation Spray (RS)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addl. 788, B3(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/s 83 +enda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-RS-RD-106B	Unk.	Replaced	No
Studs	Texas Bolt	Heat No. 53798	N/A	1-RS-RD-106B	1994	Replacement	No
Nuts	N/A	N/A	N/A	1-RS-RD-106B	Unk.	Replaced	No
Nuts	Cardinal	Heat No. 8866807	N/A	1-RS-RD-106B	1993	Replacement	No

7. Description of Work Replace bolting
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of list, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached
No ASME Notification. Ref. DR N-94-1770

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed A.P. Hamill ISI Engineer Date November 8, 19 94
 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 H.S. B.T.E. of Hartford, CT. have inspected the components described in this Owner's Report during the period 2/17/94 to 9/17/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hance Commissions NR2571, VA 424, I.N.A.
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Nov 9, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-8-94
Name
5000 Dominion Blvd. Glen Allen, VA 23060
Address
2. Plant North Anna Power Station Sheet 1 of 1
Name
P.O. Box 402, Mineral, VA 23117
Address Unit 1
R/R Program 94-062, W.O. 283008
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name
5000 Dominion Blvd. Glen Allen, VA 23060
Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System Recirculation Spray (RS)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 788, B3(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/s 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-RS-RO-105A	Unk.	Replaced	No
Studs	Texas Bolt	Heat No. 53798	N/A	1-RS-RO-105A	1994	Replacement	No
Nuts	N/A	N/A	N/A	1-RS-RO-105A	Unk.	Replaced	No
Nuts	Cardinal	Heat No. 8866807	N/A	1-RS-RO-105A	1993	Replacement	No

7. Description of Work Replace bolting
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached
No ANII Notification. Ret. DR N-94-1770

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI, repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed J.P. Hamel IST Engineer Date November 8 19 94
 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 H.S.D.I.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 2/17/94 to 9/17/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Anca Commissions NO 9531, VA 484, I.N.I.
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Nov 4 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-8-94
Name
5000 Dominion Blvd. Glen Allen, VA 23060
Address
2. Plant North Anna Power Station Sheet 1 of 1
Name
P.O. Box 402, Mineral, VA 23117
Address Unit 1
R/R Program 94-063 W.O. 283011
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name
5000 Dominion Blvd. Glen Allen, VA 23060
Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System Recirculation Spray (RS)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78B, B3(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/s 83 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-RS-RD-106A	Unk.	Replaced	No
Studs	Texas Bolt	Heat No. 53798	N/A	1-RS-RD-106A	1994	Replacement	No
Nuts	N/A	N/A	N/A	1-RS-RD-106A	Unk.	Replaced	No
Nuts	Cardinal	Heat No. 8866807	N/A	1-RS-RD-106A	1993	Replacement	No

7. Description of Work Replace bolting
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached
No ANSI Notification. Ref. DR N-94-1770

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed J.P. Hamill ISI Engineer Date November 8 19 94
 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 H.S.B.I.I. of Hartford, CT. have inspected the components described in this Owner's Report during the period 2/12/94 to 9/17/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hsu Commissions NR9531 VA424 I.N.A.
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 9 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-8-94
Name
5000 Dominion Blvd. Glen Allen, VA 23060
Address
2. Plant North Anna Power Station Sheet 1 of 1
Name
P.O. Box 402, Mineral, VA 23117
Address Unit 1
R/R Program 94-064, W.O. 283013
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name
5000 Dominion Blvd. Glen Allen, VA 23060
Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System: Recirculation Spray (RS)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 7881, B3(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 R3 w/s 83 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-RS-RD-107A	Unk.	Replaced	No
Studs	Texas Bolt	Heat No. 53798	N/A	1-RS-RD-107A	1994	Replacement	No
Nuts	N/A	N/A	N/A	1-RS-RD-107A	Unk.	Replaced	No
Nuts	Cardinal	Heat No. 8866807	N/A	1-RS-RD-107A	1993	Replacement	No

7. Description of Work Replace bolting
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached
No ANSI Notification Ref. DR N-94-1770

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed A. P. Hamill ISI Engineer Date November 8, 19 94
 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 H.S. B.I. & I of Hartford, CT have inspected the components described in this Owner's Report during the period 2/17/94 to 9/17/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Michael M. Hance Commissions NO 7531 VA424 I, N, A
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Nov 9 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-8-94
Name
5000 Dominion Blvd. Glen Allen, VA 23060
Address
2. Plant North Anna Power Station Sheet 1 of 1
Name
P.O. Box 402, Mineral, VA 23117
Address Unit 1
R/R Program 94-065 W.O. 283010
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name Authorization No. N/A
5000 Dominion Blvd. Glen Allen, VA 23060 Expiration Date N/A
Address
4. Identification of System Recirculation Spray (RS)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 788, B3(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/s 83 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-RS-RD-105B	Unk.	Replaced	No
Studs	Texas Bolt	Heat No. 53798	N/A	1-RS-RD-105B	1994	Replacement	No
Nuts	N/A	N/A	N/A	1-RS-RD-105B	Unk.	Replaced	No
Nuts	Cardinal	Heat No. 8866807	N/A	1-RS-RD-105B	1993	Replacement	No

7. Description of Work Replace bolting
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached
No ANEI Notification. Ref. DR N-94-1770

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed J.P. Hamill ISI Engineer Date November 8, 19 94
 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 H.S.B.I.E. of Hartford, CT. have inspected the components described in this Owner's Report during the period 2/17/94 to 9/12/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Ara Commissions NB 9531 VA 424 I, N, A
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 9, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address
- Date 11-2-94
- Sheet 1 of 1
2. Plant North Anna Power Station
Name
P.O. Box 402, Mineral VA 23117
Address
- Unit 1
- R/R Program 94-112, W.O.288660, DCP 93-202
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address
- Type Code Symbol Stamp N/A
- Authorization No. N/A
- Expiration Date N/A
4. Identification of System Chemical & Volume Control (CH)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/s 83 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Cap	Colonial Machine Company Inc.	Heat No. 163770	N/A	1-CH-341	1994	Replacement	No

7. Description of Work Cut 1 1/4" pipe and install pipe cap.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 2300 psi Test Temp. >500 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 1
Performed LP examinations on replacement socket welds.
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed S.P. Hamill ISI Engineer Date November 8, 19 94
 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 H.S.B. Inc. of Hartford, CT have inspected the components described in this Owner's Report during the period 5/3/94 to 10/8/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Healy Commissions NB 3531 VA 414 F.N.A.
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 9 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address
- Date 11-2-94
- Sheet 1 of 1
2. Plant North Anna Power Station
Name
P.O. Box 402, Mineral VA 23117
Address
- Unit 1
- R/R Program 94-113, W.O. 288664, DCP 93-202
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address
- Type Code Symbol Stamp N/A
- Authorization No. N/A
- Expiration Date N/A
4. Identification of System Chemical & Volume Control (CH)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/s 83 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Cap	Colonial Machine Company Inc.	Heat No. 163770	N/A	1-CH-342	1994	Replacement	No

7. Description of Work Cut 1 1/4" pipe and install pipe cap.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 2360 psi Test Temp. 7500 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 1
Performed LP examinations on replacement socket welds.
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed J.P. Hamill ISI Engineer Date November 8, 19 94
 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 H.S. Ruff of Hartford, CT have inspected the components described in this Owner's Report during the period 5/3/94 to 10/8/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hagg Commissions NB 3531 VA 424 JNA
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 9 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address
2. Plant North Anna Power Station
Name
P.O. Box 402, Mineral VA 23117
Address
3. Work Performed by Virginia Electric & Power Company
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address
4. Identification of System Chemical & Volume Control (CH)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/s 83 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Cap	Colonial Machine Company Inc.	Heat No. 163770	N/A	1-CH-363	1994	Replacement	No

7. Description of Work Cut 1 1/4" pipe and install pipe cap.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 2360 psi Test Temp. 7500 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 1
Performed LP examinations on replacement socket welds.
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed J. P. Hamill ISI Engineer Date November 8, 19 94
 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 H-S-B-T-I of Hartford, CT have inspected the components described in this Owner's Report during the period 5/3/94 to 10/8/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hays Commissions NB 2531 VA 434 T.N. 9
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 9 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address
- Date 11-2-94
- Sheet 1 of 1
2. Plant North Anna Power Station
Name
P.O. Box 402, Mineral VA 23117
Address
- Unit 1
- R/R Program 94-115, W.O.288677, DCP 93-202
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address
- Type Code Symbol Stamp N/A
- Authorization No. N/A
- Expiration Date N/A
4. Identification of System Chemical & Volume Control (CH)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/ 5 83 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Cap	Colonial Machine Company Inc.	Heat No. 163770	N/A	1-CH-364	1994	Replacement	No

7. Description of Work Cut 1 1/4" pipe and install pipe cap.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 2300 psi Test Temp. 7500 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 1
Performed LP examinations on replacement socket welds.
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed S.P. Hamill ISI Engineer Date November 8, 19 94
 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 H-S-B-T-I of Hartford, CT have inspected the components described in this Owner's Report during the period 5/3/94 to 10/3/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hamill Commissions NB 8531, VA 424, FNA
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 8, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-2-94
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address
2. Plant North Anna Power Station Sheet 1 of 1
Name
P.O. Box 402, Mineral VA 23117
Address Unit 1
R/R Program 94-116, W.O. 288684, DCP 93-202
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System Chemical & Volume Control (CH)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/ 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Cap	Colonial Machine Company Inc.	Heat No. 163770	N/A	1-CH-385	1994	Replacement	No

7. Description of Work Cut 1 1/4" pipe and install pipe cap.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 2300 psi Test Temp. 7500 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 1
Performed LP examinations on replacement socket welds.
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed L.P. Hamill ISI Engineer Date November 8, 19 94
 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 H.S.B.T. & I. of Hartford, CT. have inspected the components described in this Owner's Report during the period 5/2/94 to 10/8/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Michael M. Hays Commissions ND 2531 VA 424 JNA
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 9 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address
2. Plant North Anna Power Station
Name
P.O. Box 402, Mineral VA 23117
Address
3. Work Performed by Virginia Electric & Power Company
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address
4. Identification of System Chemical & Volume Control (CH)
5. (a) Applicable Construction Code B 31.7 19 69 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/s 83 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Date 11-2-94
 Sheet 1 of 1
 Unit 1
 R/R Program 94-117, W.O. 288686, DCP 93-202
 Repair Organization P.O. No., Job No., etc.
 Type Code Symbol Stamp N/A
 Authorization No. N/A
 Expiration Date N/A

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Cap	Colonial Machine Company Inc.	Heat No. 163770	N/A	1-CH-386	1994	Replacement	No

7. Description of Work Cut 1 1/4" pipe and install pipe cap.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 2300 psi Test Temp. 7500 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 1
Performed LP examinations on replacement socket welds.
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed J.P. Hamill ISI Engineer Date November 8, 1994
 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 H.S.I.B.I.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 5/3/94 to 10/8/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hux Commissions NA9571 VA424 J.N.A.
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 9 1994

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 9-28-94
 Name
5000 Dominion Blvd Glen Allen, VA 23060 Address
 Sheet 1 of 2
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R Program 94-123 w.o. 289217-1,2, & 3
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Co. Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Quench Spray
5. (a) Applicable Construction Code B31.7 19 69 Edition, Y 970 Addenda, 7E, 8I, E3R, 11S Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 by 51983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Component Support	Virginia Electric & Power Company	N/A	N/A	1-GS-PH-11.1	Unknown	Replaced	No
Component Support	Virginia Electric & Power Company	N/A	N/A	1-GS-PH-11.1	1994	Replacement	No
Component Support	Virginia Electric & Power Company	N/A	N/A	1-GS-PH-11.5	Unknown	Replaced	No
Component Support	Virginia Electric & Power Company	N/A	N/A	1-GS-PH-11.5	1994	Replacement	No
Component Support	Virginia Electric & Power Company	N/A	N/A	1-GS-PH-11.6	Unknown	Replaced	No

7. Description of Work Replaced tube steel damaged by ice expansion.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☒ Pressure N/A psi Test Temp. N/A °F
VT-3

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

ASME Class 2 (IWF)

Applicable Manufacturer's Data Reports to be attached

Tube Steel Ht* D 12579 Energy Steel & Supply

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this ^{replacement} conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Robert J. Naughton ISI Engineer Date September 28, 19 94
 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 A.S.B.I.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 5/4/94 to 5/18/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Michael H. Hancock Commissions NB7531, VA424, J.N.A.
 Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 28, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

Docket Number: 50-338
Serial Number: 94-683
Comment 2
Page 35 of 90

- [illegible]

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 9-19-94
 Name
5000 Dominion Blvd Glen Allen VA 23060 Address
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 462 Mineral VA 23117 Address
R/R Program 94-135 W 290392-01 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen VA 23060 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Quench Spray (QS)
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda, 2E, B1, B3R, 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 or SB3 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Names of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-QS-38	N/A	Replaced	No
Studs	NOVA	HT#8049192	N/A	1-QS-38	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-QS-38	1994	Replaced	No
Nuts	NOVA	HT#103649	N/A	1-QS-38	1994	Replacement	No

7. Description of Work Replaced Body to Bonnet belting
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached
Replaced bolting one at a time.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI, repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed P. J. Naughton ISI Engineer Date September 19, 19 94
 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 A.S.B.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 5/24/94 to 7/5/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hana Commissions NO 9531 VA 424 I, N, A
 Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-13-94
 Name
5000 Dominion Blvd Glen Allen, VA 23060 Sheet 1 of 1
 Address
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 403 Mineral, VA 23117 R/R Program 94-009 ²⁰⁹ ¹¹⁻⁷⁻⁹⁴ DCP 94-007
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Fluor Daniels Type Code Symbol Stamp N/A
 Name
Daniel Bldg, Greenville, S.C. 29601 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System High Head Safety Injection
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda, 7E, E1, E3(R), 11S Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 E34.5 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Flow Orifice	Joseph Out	J-2539-2B	N/A	1-SI-RO-101	1994	Replacement	No
Flow Orifice	Joseph Out	J-2539-2C	N/A	1-SI-RO-102	1994	Replacement	No
Flow Orifice	Joseph Out	J-2539-2A	N/A	1-SI-RO-100	1994	Replacement	No
Flow Venturi	Joseph Out	J-2539 A	N/A	1-SI-FE-1971	1994	Replacement	No
Flow Venturi	Joseph Out	J-2539 B	N/A	1-SI-FE-1972	1994	Replacement	No
Flow Venturi	Joseph Out	J-2539 C	N/A	1-SI-FE-1973	1994	Replacement	No

7. Description of Work Added flow venturis and flow orifices to improve the flow measurement capabilities on the high head safety injection system.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 2310 psig Test Temp. 540 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached
Performed LP examinations on replacement socket welds.
Performed LP and RT examinations on replacement butt welds.
Used Code Case N-416 for performance of the pressure test.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed J.P. Hamill ISI Engineer Date November 1, 19 94
 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 H.S.B.F. & P. of Hartford, CT. have inspected the components described in this Owner's Report during the period 8/18/94 to 10/2/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Allen Commissions ND2531, VA424, J.N.A.
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 7, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company
 Name
5000 Dominion Blvd, Glen Allen, VA 23060
 Address
- Date 9-26-94
2. Plant North Anna Power Station
 Name
P.O. Box 402, Mineral, VA 23117
 Address
- Sheet 1 of 1
- Unit 1
3. Work Performed by Virginia Electric & Power Company
 Name
5000 Dominion Blvd, Glen Allen, VA 23060
 Address
- R/R Program 94-211 w.c. 297332
 Repair Organization P.O. No., Job No., etc.
- Type Code Symbol Stamp N/A
- Authorization No. N/A
- Expiration Date N/A
4. Identification of System Chemical and Volume Control System
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda, 7E, 81, 83(R) 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 B3 w/ 583 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-CH-287	Unknown	Replaced	No
Studs	Mackson	HT# 70202 Code NAM	N/A	1-CH-287	1994	Replacement	No
Nuts	N/A	N/A	N/A	1-CH-287	Unknown	Replaced	No
Nuts	Mackson	HT# 98490	N/A	1-CH-287	1994	Replacement	No

7. Description of Work Replaced bolting during repair for leak-by
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed P. J. Naughton IST Engineer
Owner or Owner's Designee, Title

Date September 26, 19 94

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 H. I. B. I. I. of Hartford, CT have inspected the components described in this Owner's Report during the period 8/16/94 to 9/26/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hines
Inspector's Signature

Commissions NB 2531, VA 424, I, N, A
National Board, State, Province, and Endorsements

Date Sept 27, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 9-27-94
 Name
5006 Dominion Blvd, Glen Allen VA 23060 Address
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral VA 23117 Address
R/R Program 94-212 W/O 297341 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5006 Dominion Blvd, Glen Allen, VA 23060 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Chemical and Volume Control System
5. (a) Applicable Construction Code B31-7 19 69 Edition, W 1970 Addenda 7E, P1, B31R2115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1963 by S E 3 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-CH-288	Unknown	Replaced	No
Studs	Mackson Inc.	HT [®] 70202 NAM	N/A	1-CH-288	1994	Replacement	No
Nuts	N/A	N/A	N/A	1-CH-288	Unknown	Replaced	No
Nuts	HT[®] 70202 NAM Mackson Inc.	HT [®] 98490	N/A	1-CH-288	1994	Replacement	No

7. Description of Work Replaced Studs and Nuts. Replaced during repair for leak-by.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed P. J. Naughton ISI Engineer Date September 27, 19 94
 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 H. S. B. I. I. of Hartford, CT have inspected the components described in this Owner's Report during the period 8/16/94 to 9/23/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hana Commissions NB 9531, VA 424, I, N, A
 Inspector's Signature National Board, State, Province, and Endorsements

Date Sept 28, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-7-94
Name
5000 Dominion Blvd. Glen Allen, VA 23060
Address
2. Plant North Anna Power Station Sheet 1 of 1
Name
P.O. Box 402, Mineral, VA, 23117
Address Unit 1
R/R Program 94-214, W.O. 291238
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name
5000 Dominion Blvd. Glen Allen, VA 23060
Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System Quench Spray (QS)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/ 5 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Nuts	U.S. Bolt	Heat No. 98490	N/A	1-QS-FE-104	1994	Replacement	No
Nuts	N/A	N/A	N/A	1-QS-FE-104	Unk	Replaced	No.
Studs	B&G Manf.	Heat No. 805744	N/A	1-QS-FE-104	1992	Replacement	No.
Studs	N/A	N/A	N/A	1-QS-FE-104	Unk	Replaced	No.

7. Description of Work Replaced flow element studs and nuts.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

ASME Class 2

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

J.P. Hamill
Owner or Owner's Designee, Title

ISI Engineer

Date

November 7, 1994

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 H.S.P. I & E of Hartford, CT have inspected the components described in this Owner's Report during the period 5/24/94 to 11/2/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mal M. Hume
Inspector's Signature

Commissions NB3521, VA424, I, N, P
National Board, State, Province, and Endorsements

Date Nov 7 1994

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

- Owner Virginia Electric & Power Company
 Name
5000 Dominion Blvd, Glen Allen, VA 23060
 Address
- Plant North Anna Power Station
 Name
P.O. Box 400, Mineral, VA 23117
 Address
- Work Performed by Virginia Electric & Power Company
 Name
5000 Dominion Blvd, Glen Allen, VA 23060
 Address
- Identification of System Quench Spray (QS)
- (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 B3 w/s 83 Addenda.
- Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1 1/2" QS-11-152-Q3	Unk.	Replaced	No
Studs	474 Texas Bolt	Heat No. 6051609	N/A	1 1/2" QS-11-152-Q3	1987	Replacement	No
Nuts	N/A	N/A	N/A	1 1/2" QS-11-152-Q3	Unk.	Replaced	No
Nuts	Texas Bolt	Heat No. 8875536	N/A	1 1/2" QS-11-152-Q3	1990	Replacement	No

- Description of Work Replace bolting
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

ASME Class 2

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed

J. P. Hamill

ISI Engineer

Date

November 9

1994

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 H.S.B.T. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 8/24/94 to 8/26/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hag

Inspector's Signature

Commissions

NB2531

VA424

I, N/A

National Board, State, Province, and Endorsements

Date

Nov 9 1994

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-7-94
Name
5000 Dominion Blvd Glen Allen VA 23060
Address
2. Plant North Anna Power Station Sheet 1 of 1
Name
P.O. Box 402, Mineral VA 23117
Address Unit 1
R/R Program 94-218 W.O. 291237
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name
5000 Dominion Blvd Glen Allen VA 23060
Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System Quench Spray (QS)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/s 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	Texas Bolt	Heat No. 53798	N/A	1-QS-PP-11-152-Q3	1994	Replacement	No
Nuts	U.S. Bolt	Heat No. 98490	N/A	1-QS-PP-11-152-Q3	1994	Replacement	No

7. Description of Work Replaced flange studs and ¹¹⁻⁷⁻⁹⁴ nuts
8. Tests Conducted: Hydraulic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. 11 N/A Expiration Date N/A
 Signed S.P. Hamill ISI Engineer Date November 7, 19 94
 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 H.S.B.E.E. of Hartford, CT have inspected the components described in this Owner's Report during the period 8/25/94 to 11/7/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hamill Commissions NDP531 VA424 I, N, A
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 7 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-8-94
5000 Dominion Blvd., Glen Allen, VA 23060
Name Address Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
P.O. Box 402, Mineral, VA 23117
Name Address R/R Program 94-227, W.O. 296203 DCP 94-100
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
5000 Dominion Blvd., Glen Allen, VA 23060
Name Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System Chemical & Volume Control (CH)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/s 83 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
3" Pipe	Sterling Tubes	Heat No. MS 709	N/A	3" CH-73-153A-Q2	1993	Replacement	No
2" Check Valve	Velan	921189-2	N/A	1-CH-649	1993	Replacement	Yes
3x2 Reducer	Taylor Forge Stainless	Heat No. LEEC 11-8-94	N/A	3" CH-73-153A-Q2	1991	Replacement	No
2" Pipe	Sandvik Steel	Heat No. 11-8-94 JW 606	N/A	2" Line off of 3" CH-73-153A-Q2	1992	Replacement	No
4x4x3 Tee	Baltimore Specialty Steels	Heat No. 11-8-94 8071NE	N/A	4" CH-112-153A-Q2	1991	Replacement	No
4" Pipe	AL Tech Specialty Steel	Heat No. AH 8375	N/A	4" CH-112-153A-Q2	1993	Replacement	No
3" 90° Elbow	LADISH Co.	Heat No. 478587	N/A	3" CH-73-153A-Q2	1993	Replacement	No

7. Description of Work Install 2" check valve in line 3" CH-73-153A-Q2 and move 4" x 4" x 3" tee from line 4" CH-112-153A-Q2 upstream on line
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 165 psi Test Temp. 760 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached
Performed LP and RT examinations on replacement butt welds
Performed LP examinations on replacement socket welds

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed J.P. Hamill ISI Engineer Date November 8, 19 94
 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 H.S.B.I.E. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/14/94 to 9/24/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Ham Commissions NB9531 VA424 J.N.A.
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 22 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-3-94
 Name
5006 Dominion Blvd Glen Allen, VA 23060 Address
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral VA 23117 Address
R/R Program 94-242 W.O. 260206-3 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5006 Dominion Blvd, Glen Allen, VA 23060 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code B31-7 19 69 Edition, W1970 Addenda, 3881, 83(R)115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 any 51963 Addenda.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Stud	N/A	N/A	N/A	1-RC-SV-1551C	Unknown	Replaced	No
Stud	Cardinal	H#B86E243	N/A	1-RC-SV-1551C	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-RC-SV-1551C	Unknown	Replaced	No
Nuts	Nova	H#N2L	N/A	1-RC-SV-1551C	1993	Replacement	No

7. Description of Work Replaced one stud and two nuts on the inlet flange. Damaged during disassembly
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 1

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed P. Naughton ISI Engineer
Owner or Owner's Designee, Title

Date October 3, 19 94

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 H.S.B.I.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/13/94 to 9/17/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mal M. Hara
Inspector's Signature

Commissions NB 2531, VA 424, I, N, A
National Board, State, Province, and Endorsements

Date Oct 4, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-6-94
 Name
5000 Dominion Blvd Glen Allen, VA 23060 Sheet 1 of 1
 Address
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 R/R Program 94-243 W.O. 280284
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31.7 19 69 Edition, W1970 Addenda, 78 B1, B3(R)115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 B31.7 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-M5-S4-105C	N/A	Replaced	No
Studs	Cardinal	HT#8866243	N/A	1-M5-S4-105C	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-M5-S4-105C	N/A	Replaced	No
Nuts	Allied	HT#G2293A	N/A	1-M5-S4-105C	1993	Replacement	No

7. Description of Work Replaced inlet flange studs and nuts. Good maintenance practice
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Pete J. Naughton ISI Engineer Date October 6, 19 94
 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 H.S.B.I.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/14/94 to 10/1/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Aron Commissions NB9531 V424 I.N.A.
 Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 7 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 9-30-94
 Name
5000 Dominion Blvd, Glen Allen VA 23060 Sheet 1 of 1
 Address
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402 Mineral VA 23117 B/R Program 94-244 W.O. 280208-1
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen VA 23060 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code B31.7 19 69 Edition, XX 1970 Addenda 19, 21, 23, 24, 25 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 with 5 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	NA	N/A	N/A	1-RC-SV-1551A	Unknown	Replaced	No
Studs	Cardinal	NH# 8268243	N/A	1-RC-SV-1551A	1993	Replacement	No
Nuts	NA	N/A	N/A	1-RC-SV-1551A	Unknown	Replaced	No
Nuts	Nova	NH# H2L	N/A	1-RC-SV-1551A	1993	Replacement	No

7. Description of Work Replaced 3 studs and 3 nuts on the inlet flange. Damaged during disassembly.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 1
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed Patricia Naughton ISI Engineer Date October 3, 19 94
 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 H.J.B.T.E. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/13/94 to 9/17/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hagg Commissions NB2531, VA424, I.N.A.
 Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 4 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-6-94
 Name
5600 Dominion Blvd, Glen Allen, VA 23060 Sheet 1 of 1
 Address
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 R/R Program 94-245 w.o. 280282-2
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5600 Dominion Blvd, Glen Allen, VA 23060 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31.7 19 69 Edition, w/ 1970 Addenda, 78, 81, 83(R) 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/ 5 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-MS-SV-105B	N/A	Replaced	No
Studs	Cardinal	HT#886E243	N/A	1-MS-SV-105B	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-MS-SV-105B	N/A	Replaced	No
Nuts	Allred	HT#G2293A	N/A	1-MS-SV-105B	1993	Replacement	No

7. Description of Work Repaired inlet flange studs and nuts. Good maintenance practice.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Patricia J. Naughton ISI Engineer Date October 6, 19 94
 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 H.S.A.I.I. of Hartford, CT. have inspected the components described in this Owner's Report during the period 9/14/94 to 10/2/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hana Commissions NB 8531 VA 434 I.N.P.
 Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 7 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-3-94
Name
5000 Dominion Blvd. Glen Allen, VA 23060 Address
Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
Name
P.O. Box 402, Mineral, VA 23117 Address
R/R Program 94-246 WO 280208-2 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name
5000 Dominion Blvd. Glen Allen, VA 23060 Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code B31.7 1969 Edition, W1970 Addenda, 2E, 3E, 4E, 5E, 6E, 7E, 8E, 9E, 10E, 11E Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1963 by 1963 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Stud	N/A	N/A	N/A	1-RC-SV-1551B	Unknown	Replaced	No
Stud	Cardinal	HT*806243	N/A	1-RC-SV-1551B	1993	Replacement	No

7. Description of Work Replaced one stud. Damaged during disassembly. Inlet flange.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

ASME Class 1

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Pat J. Naught ISZ Engineer
Owner or Owner's Designee, Title

Date

October 3

19 94

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 H.S.B.E.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/4/94 to 9/17/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Heng
Inspector's Signature

Commissions

NB 9531, VA 424, I, N, A
National Board, State, Province, and Endorsements

Date

Oct 4

19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-6-94
 Name
5006 Dominion Blvd Glen Allen VA 23060
 Address
2. Plant North Anna Power Station Sheet 1 of 1
 Name
P.O. Box 402, Mineral VA 23117 Unit 1
 Address R/R Program 94-247 W.O. 280260-2
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5006 Dominion Blvd Glen Allen VA 23060 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31.7 1 69 Edition, W 1976 Addenda, 7EE/83(R)115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/ 5 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-MS-SV-105A	N/A	Replaced	No
Studs	Cardinal	HF [#] 866E243	N/A	1-MS-SV-105A	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-MS-SV-105A	N/A	Replaced	No
Nuts	Allied	HF [#] G2293A	N/A	1-MS-SV-105A	1993	Replacement	No

7. Description of Work Replaced inlet flange studs and nuts. Good maintenance practice
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Pat J. Naughton IST Engineer Date October 6, 19 94
 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 H.S.D.I.E. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/14/94 to 10/1/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hara Commissions NB9531, VA424, I.N.A.
 Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 7 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-6-94
 Name
5000 Dominion Blvd Glen Allen, VA 23060 Address
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R Program 94-248 W.O. 26-278-2
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda, 78, 81, 83, 87, 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83, by 5 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-MS-SV-104C	N/A	Replaced	No
Studs	Cardinal	H#886243	N/A	1-MS-SV-104C	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-MS-SV-104C	N/A	Replaced	No
Nuts	Allied	H#Q2293A	N/A	1-MS-SV-104C	1993	Replacement	No

7. Description of Work Replaced inlet flange studs and nuts. Good maintenance practice
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed Peter J. Naughton ISI Engineer Date October 6, 19 94
 Owner of 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 H.S.D.I.S. of Herndon, VA have inspected the components described in this Owner's Report during the period 9/24/94 to 10/6/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hance Commissions ND2531, VA424, IN/A
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Oct 7, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-6-94
 Name
5400 Dominion Blvd, Glen Allen, VA 23060 Address
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R Program 94-249 W.6 280277-2
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5400 Dominion Blvd, Glen Allen, VA 23060 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Main Steam
5. (a) Applicant's Construction Code B31-7 19 69 Edition, SV 1970 Addenda, 7E, 81, E3CR, 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 E345 1983 Addenda.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-ms-5v-104B	N/A	Replaced	No
Studs	Cardinal	H#8866243	N/A	1-ms-5v-104B	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-ms-5v-104B	N/A	Replaced	No
Nuts	Allied	H#G2293A	N/A	1-ms-5v-104B	1993	Replacement	No

7. Description of Work Replaced inlet flange studs and nuts. Good maintenance practice.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed Pete J. Naughton ISI Engineer Date October 6, 1994
 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 H.S.B.I.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 7/14/94 to 10/2/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Anna Commissions NBPSI, VA424, IMA
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Oct 7, 1994

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company
 Name
5000 Dominion Blvd Glen Allen, VA 23060
 Address
2. Plant North Anna Power Station
 Name
P.O. Box 402, Mineral, VA 23117
 Address
3. Work Performed by Virginia Electric & Power Company
 Name
5000 Dominion Blvd, Glen Allen, VA 23060
 Address
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1910 Addenda 78, 81, F3(R)115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 up to 19 83 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-MS-SV-104A	N/A	Replaced	Nc
Studs	Cardinal	HP 8808243	N/A	1-MS-SV-104A	1993	Replacement	Nc
Nuts	N/A	N/A	N/A	1-MS-SV-104A	N/A	Replaced	Nc
Nuts	Allied	HP G2293A	N/A	1-MS-SV-104A	1993	Replacement	Nc

7. Description of Work Replaced inlet flange studs and nuts. Good maintenance practice.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed P. Naught ISI Engineer Date October 6, 19 94
 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 H.S.R.F.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/14/94 to 10/1/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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. M. Am Commissions NB 9531, VA 424, J.N.P.
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Oct 10 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-6-94
 Name
5000 Dominion Blvd Glen Allen, VA 23060 Address
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral VA 23117 Address
R/R Program 94-251 w.o. 280275-Z Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd Glen Allen, VA 23060 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31.7 19 65 Edition, W 1970 Addenda, 7E B1 E3 A3 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 cur 5 19 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-ms-5V-103C	N/A	Replaced	No
Studs	Cardinal	Hi*EEF243	N/A	1-ms-5V-103C	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-ms-5V-103C	N/A	Replaced	No
Nuts	Allied	Hi*Q22934	N/A	1-ms-5V-103C	1993	Replacement	No

7. Description of Work Replaced inlet flange studs and nuts. Good maintenance practice.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed Pat. J. Waight ISI Engineer Date October 6, 19 94
 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 H. S. D. J. J. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/14/94 to 10/6/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Pat. J. Waight Commissions NBPSI, VA424, I.N.A.
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Oct 7 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-6-94
 Name
5000 Dominion Blvd Glen Allen, VA 23060 Sheet 1 of 1
 Address
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402 Mineral, VA 23117 R/R Program 94-252
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31.7 1969 Edition, XX1970 Addenda, 78, 81, 83, 84, 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 by S1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-MS-SV-103B	N/A	Replaced	No
Studs	Cardinal	H#8868243	N/A	1-MS-SV-103B	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-MS-SV-103B	N/A	Replaced	No
Nuts	Allied	H#82293A	N/A	1-MS-SV-103B	1993	Replacement	No

7. Description of Work Replaced inlet flange studs and nuts. Good maintenance practice.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

ASME Class 2

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this ^{replacement} conforms to the rules of the ASME Code, Section XI. _{repair or replacement}

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Pete J. Naught

ISI Engineer

Date

October 6

1994

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 H.S.R.T.E. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/14/94 to 10/2/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Arns

Inspector's Signature

Commissions

NB 2531

NAB 24

J.N.P.

National Board, State, Province, and Endorsements

Date

Oct 7

1994

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-6-94
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Sheet 1 of 1
 Address
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 R/R Program 94-253 W.C. 280269-2
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31-7 19 65 Edition, W 1970 Addenda, 7E, 8, 9, 10, 11, 12 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 by 5 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-ms-sv-103A	N/A	Replaced	No
Studs	Cardinal	HT#846243	N/A	1-ms-sv-103A	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-ms-sv-103A	N/A	Replaced	No
Nuts	Allred	HT#62293A	N/A	1-ms-sv-103A	1993	Replaced	No

7. Description of Work Replaced inlet flange studs and nuts. Good maintenance practice
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

ASME Class 2

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Peter J. Naughton

ISI Engineer

Date

October 6

19 94

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 M.S.B.J.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/14/94 to 10/1/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hume
Inspector's Signature

Commissions

NDPS21, VA424, I.N.B.
National Board, State, Province, and Endorsements

Date

Oct 7 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-6-94
5000 Dominion Blvd Glen Allen, VA 23060 Sheet 1 of 1
 Name Address
2. Plant North Anna Power Station Unit 1
P.O. Box 402, Mineral, VA 23117 R/R Program 94-254 WO 280267-2
 Name Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
5000 Dominion Blvd Glen Allen, VA 23060 Authorization No. N/A
 Name Address Expiration Date N/A
4. Identification of System main steam
5. (a) Applicable Construction Code B31.7 19 69 Edition, W1970 Addenda, 7E, E1, E3(R), 11S Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 by SAB3 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-MS-SV-102C	N/A	Replaced	No
Studs	Cardinal	H#FE6E243	N/A	1-MS-SV-102C	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-MS-SV-102C	N/A	Replaced	No
Nuts	Allied	H#G2293A	N/A	1-MS-SV-102C	1993	Replacement	No

7. Description of Work Replaced inlet flange studs and nuts. Good maintenance practice.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Pat. J. Vaughn ISI Engineer Date October 6, 19 94
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 H.J.B.I.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 2/27/94 to 10/1/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mal M. Hwa Commissions NB 2531 VA 424 I.N.C.
Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 7 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-6-94
5000 Dominion Blvd Glen Allen, VA 23060 Sheet 1 of 1
Name Address
2. Plant North Anna Power Station Unit 1
P.O. Box 402 Mineral VA 23117 R/R Program 94-255
Name Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
5000 Dominion Blvd Glen Allen, VA 23060 Authorization No. N/A
Name Address Expiration Date N/A
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31.7 19 69 Edition, w 1970 Addenda, 78, 81, 83, 87, 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/ 51983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-MS-SV-102B	N/A	Replaced	No
Studs	Cardinal	HT# 8868243	N/A	1-MS-SV-102B	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-MS-SV-102B	N/A	Replaced	No
Nuts	Allied	HT# G2293A	N/A	1-MS-SV-102B	1993	Replacement	No
<u>Not signed</u> <u>10-6-94</u>							

7. Description of Work Replaced inlet flange studs and nuts. Good maintenance practice
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed Rita J. Naughton, ISE Engineer Date October 6, 19 94
 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 H.S.B.T.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/14/94 to 10/6/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Paul M. Hara Commissions ND9531, V4424, IINA
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Oct 7, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-7-94
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Address
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R Program 94-256 W.O. 280265-2 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31.7 19 69 Edition, W1970 Addenda 7, 8, 9, 10, 11, 12 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-MS-SV-102A	Unknown	Replaced	No
Studs	Cardinal	HR# 888243	N/A	1-MS-SV-102A		Replacement	No
Nuts	N/A	N/A	N/A	1-MS-SV-102A	Unknown	Replaced	No
Nuts	Allrod	HR# G2293A	N/A	1-MS-SV-102A		Replacement	No

7. Description of Work Replaced inlet flange stud and nuts. Good maintenance practice.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
 ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Robert J. Naughton ISI Engineer Date October 7, 19 94
 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 N.S.D.E.I. of
Hartford, CT have inspected the components described
 in this Owner's Report during the period 9/14/94 to 10/2/94, and state that
 to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
 Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
 examinations and corrective measures described in this Owner's 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.

Mark M. Anna Commissions NB2531, VA424, I.N.P.
 Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 10, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-6-94
 Name
5000 Dominion Blvd. Glen Allen VA 23060 Sheet 1 of 1
 Address
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402 Mineral, VA 23117 R/R Program 94-257 v.d. 280221-3
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd. Glen Allen, VA 23060 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31.7 1969 Edition, xx 1970 Addenda, 7EE1 E3CR115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 E3 2 5 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-MS-SV-101C	N/A	Replaced	No
Studs	Cardinal	HP#886E243	N/A	1-MS-SV-101C	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-MS-SV-101C	N/A	Replaced	No
Nuts	Allied	HP#G2293A	N/A	1-MS-SV-101C	1993	Replacement	No

7. Description of Work Replaced inlet flange studs and nuts. Good maintenance practice.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

ASME Class 2

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this ^{replacement} conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Pete J. Naught ISI Engineer Date October 6, 19 94
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 H.S. B.L.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/14/94 to 12/1/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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. M. Hines Commissions NB 9531 VA 424 J.N.A.
Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 7 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-6-94
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Sheet 1 of 1
 Address
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 R/R Program 94-258 W.O. 280220-2
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Main Steam
5. (a) Applicable Construction Code 831.7 19 69 Edition, W 1970 Addenda, 7E, 8I, 8XR, 11S Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 / SB3 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-M5-SV-101B	N/A	Replaced	No
Studs	Cardinal	HT#8866243	N/A	1-M5-SV-101B	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-M5-SV-101B	N/A	Replaced	No
Nuts	Allied	HT#Q2293A	N/A	1-M5-SV-101B	1993	Replacement	No

7. Description of Work Replaced inlet flange studs and nuts. Good maintenance practice
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Robt J. Naught ISI Engineer Date October 6, 1994
 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 H.S.B.T.I. of Hartford, CT. have inspected the components described in this Owner's Report during the period 9/14/94 to 10/6/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mal M. Jones Commissions NB9531, VA424, I.N.P.
 Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 7 1994

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company
 Name
5000 Dominion Blvd, Glen Allen, VA 23060
 Address
2. Plant North Anna Power Station
 Name
P.O. Box 402, Mineral, VA 23117
 Address
3. Work Performed by Virginia Electric & Power Company
 Name
5000 Dominion Blvd, Glen Allen, VA 23060
 Address
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda, 78, 81, 83(R) 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 any 5, 14, 63 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-M5-SV-101A	N/A	Replaced	No
Studs	Cardinal	H# 6668243	N/A	1-M5-SV-101A	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-M5-SV-101A	N/A	Replaced	No
Nuts	Allred	H# 62293A	N/A	1-M5-SV-101A	1993	Replacement	No

7. Description of Work Replaced inlet flange studs and nuts. Good maintenance practice.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Pete Naught ISI Engineer Date October 6, 19 94
 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 H.S.B.I.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 7/24/94 to 10/1/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Huns Commissions NB 2531 VA 424 I, N, P
 Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 7 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-12-94
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Sheet 1 of 1
 Address
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 R/R Program 94-265 w.o. 299077-1
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Component Cooling
5. (a) Applicable Construction Code B31.7 1969 Edition, W 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 w/ 51983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Mission	N/A	N/A	1-CC-84	Unknown	Replaced	No
Check Valve	C&S Valve	90-1168-04(R)-3	N/A	1-CC-84	1990	Replacement	No

7. Description of Work Replaced valve. Failed Type 'C' Test.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 80 psig Test Temp. 760 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached
New Valve Serial # 90-1168-01(Q)-03

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Peter J. Naughton ISI Engineer Date October 12, 19 94
 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 H.S.B.E. of Westford, CT have inspected the components described in this Owner's Report during the period 9/15/94 to 10/8/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Moh. M. Hana Commissions ND7531, VA424, IN/A
 Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 20, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 9-26-94
 Name
5000 Dominion Blvd, Glen Allen VA 23060 Sheet 1 of 1
 Address
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 R/R Program 94-268 W.O. 297635-01
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Quench Spray
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda 78, 81, 83(R), 85 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 by 5 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Bolts	N/A	N/A	N/A	1-GS-PH-RH-71	N/A	Replaced	No
Bolts	NOVA	HT#39335	N/A	1-GS-PH-RH-71	1993	Replacement	No
Nuts	N/A	N/A	N/A	1-GS-PH-RH-71	N/A	Replaced	No
Nuts	NOVA	HT#E065334	N/A	1-GS-PH-RH-71	1993	Replacement	No

7. Description of Work Replaced bolting due to corrosion
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached
The ANII was not notified prior to start of replacement. The
ANII received final package. Ref. DR N-94-1770

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
 ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed P. J. Naughton ISI Engineer Date September 26, 1994
 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 H.S.B.I.E. of
Hartford, CT. have inspected the components described
 in this Owner's Report during the period 9/16/94 to 9/26/94, and state that
 to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
 Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
 examinations and corrective measures described in this Owner's 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.

Mark M. Hara Commissions NB2531 VA424 I, N, A
 Inspector's Signature National Board, State, Province, and Endorsements

Date Sept 26 1994

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-14-94
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Address
 Sheet 1 of
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 Address
RIR Program 94-274 W.O. 299248-01
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Westinghouse Electric Corp. Type Code Symbol Stamp N/A
 Name
P.O. Box 355, Pittsburgh Pa 15230-0355 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code ASME III 19 68 Edition, W 1968 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 by 51983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Consent Flange	Westinghouse	N/A	N/A	#1 Consent 1-RC-R-1	Unknown	Replaced	No
Consent Flange	Westinghouse	A 0166 ^{PSW 10-14-94} A 0166	N/A	#1 Consent 1-RC-R-1	1985	Replacement	No

7. Description of Work Replaced #1 Consent Flange on the reactor vessel.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 2300 psi; Test Temp. 500 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 1
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed J. P. Hamill ISI Engineer Date November 3, 19 94
 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 H.S.R.I.T. of Hartford, CT. have inspected the components described in this Owner's Report during the period 9/18/94 to 10/8/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hamill Commissions NB9531, VA424, ENR
 Inspector's Signature National Board State, Province, and Endorsements

Date Nov 7, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company
 Name
5000 Dominion Blvd, Glen Allen, VA 23060
 Address
2. Plant North Anna Power Station
 Name
P.O. Box 402, Mineral, VA 23117
 Address
3. Work Performed by Westinghouse Electric Corp.
 Name
P.O. Box 355, Pittsburgh, PA 15230-355
 Address
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code ASME III 19 68 Edition, XX 1968 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 by 51983
6. Identification of Components Repaired or Replaced and Replacement Components

Date 10-14-94
 Sheet 1 of 1
 Unit 1
94-275 P/N 10-4-94
RIR Program 94-304 W.O. 299246-1
 Repair Organization P.O. No., Job No., etc.
 Type Code Symbol Stamp N/A
 Authorization No. N/A
 Expiration Date N/A

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Consoal Flange	Westinghouse	N/A	N/A	#4 Consoal 1-RC-R-1	Unknown	Replaced	No
Consoal Flange	Westinghouse	A0145	N/A	#4 Consoal 1-RC-R-1		Replacement	No

7. Description of Work Replaced #4 Female Consoal flange. Thru-wall leak found during mode 3 walkdown during shut down.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 2300 psig Test Temp. 7500 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 1
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed J.P. Hamill FSI Engineer Date November 3, 19 94
 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 H.S.B.I.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/18/94 to 10/18/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hana Commissions NB 9531 VA 434 I, N/A
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 7, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company
 Name
5000 Dominion Blvd, Glen Allen, VA 23060
 Address
- Date 9-26-94
2. Plant North Anna Power Station
 Name
P.O. Box 402, Mineral, VA 23117
 Address
- Sheet 1 of 1
- Unit 1
3. Work Performed by Virginia Electric & Power Company
 Name
5000 Dominion Blvd, Glen Allen, VA 23060
 Address
- R/R Program 94-292 w.o. 290919
 Repair Organization P.O. No., Job No., etc.
- Type Code Symbol Stamp N/A
- Authorization No. N/A
- Expiration Date N/A
4. Identification of System Chemical and Volume Control System
5. (a) Applicable Construction Code B31.7 19 69 Edition, W1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/ 583 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Disc	Velan		N/A	1-CH-325	N/A	Replaced	NO
Disc	Velan	3899	N/A	1-CH-325	1988	Replacement	NO

7. Description of Work Replace valve disc. Found stuck open during inspection.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Normal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class I

Applicable Manufacturer's Data Reports to be attached

The ANE was not certified prior to start of replacement. The
ANE received final package. Ref. DR N-94-1770

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed P. J. Napolitano ISI Engineer Date September 26, 19 94
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 H.S.B.I.I. of
Hartford, CT. have inspected the components described
in this Owner's Report during the period 9/26/94 to 9/26/94, and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's 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.

Mark M. Hase Commissions NB 9531, VA 424, I, N/A
Inspector's Signature National Board, State, Province, and Endorsements

Date Sept 27 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-14-94
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Address
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R Program 94-300 W.O. 280221-1
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31.7 1969 Edition, W1970 Addenda, 7E, 81, 83(R)115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 by 51983
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Disc	N/A	N/A	N/A	1-MS-SV-161C	Unknown	Replaced	No
Valve Disc	Cytemp	Heat No 6L2020	N/A	1-MS-SV-161C	1992	Replacement	No

7. Description of Work Replaced valve disc. Valve failed seat leakage test. Sat
leakage test SAT with new disc.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed Pete W. Wagoner ISI Engineer Date October 14, 19 94
 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 H.S.B.I.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/2/94 to 10/14/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hanna Commissions NO 7531, VA 424 I, N, B
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Nov 7, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-14-94
 Name
5000 Dominion Blvd Glen Allen VA 23060 Sheet 1 of 1
 Address
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 R/R Program 94-301 W.C. 280269-1
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Main Steam
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda, 78 E1, E3(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 by 5 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Value Disc	Crosby	N/A	N/A	1-MS-SV-103A	Unknown	Replaced	No
Value Disc	Crosby	H.F.# 3C2825	N/A	1-MS-SV-103A	1989	Replacement	No

7. Description of Work Replaced value disc due to failed seat leakage test.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

ASME Class 2

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Peter J. Wroughton ISI Engineer Date October 14, 19 94
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 H.S.B.I.E of Hartford, CT. have inspected the components described in this Owner's Report during the period 9/22/94 to 9/23/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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. J. M. Area Commissions NB9531 NB7537 VA434 JNA
Inspector's Signature National Board, State, Province, and Endorsements
not valid

Date Oct 14, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-14-94
 Name
5000 Penniman Blvd Glen Allen, VA 23060 Address
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 Address
RIR Program 94-304 W.O. 299246-1 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Westinghouse Electric Corp. Type Code Symbol Stamp N/A
 Name
P.O. Box 355, Pittsburgh, PA 15230-355 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Reactor Coolant
5. (a) Applicable Construction Code ASME III 19 68 Edition, W1968 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 by 51983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Cone seal Flange Seal Weld	Westinghouse	A4145	N/A	#4 Cone Seal Flange 1-R-1	1994	Repair	No

7. Description of Work Repaired indications found on final LP of cone seal replacement Replacement performed under Repair Program 94-275
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 2300 psi Test Temp. 7500 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 1.
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Pete J. Naughton ISI Engineer Date October 14, 19 94
 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 ASME-E of Hartford, CT have inspected the components described in this Owner's Report during the period 9/21/94 to 10/8/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Anan Commissions NB9631 VA424 J, N, A
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 7, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-5-94
 Name
5000 Dominion Blvd, Glen Allen, VA 23060
 Address
2. Plant North Anna Power Station Sheet 1 of 1
 Name
P.O. Box 402, Mineral VA 23117
 Address
3. Work Performed by Virginia Electric & Power Company Unit 1
 Name
5000 Dominion Blvd, Glen Allen, VA 23060
 Address
4. Identification of System Instrument Air
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda 7E, 8, 9, 10, 11, 12 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 by 51983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Velan	NA	N/A	1-IA-55	Unknown	Replaced	No
Check Valve	Velan	921125	N/A	1-IA-55	1992	Replacement	No

7. Description of Work Replaced valve due to Type C failure.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
 Other ☐ Pressure 121 psig Test Temp. > 60 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Pete J. Naught ISI Engineer Date October 5, 19 94
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 H.S.B.I.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/21/94 to 9/23/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark D. Hwa Commissions NB 3531 VA 424 I, M. P.
Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 10 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 9-27-94
Name
5000 Dominion Blvd, Glen Allen, VA 23060 Sheet 1 of 1
Address
2. Plant North Anna Power Station Unit 1
Name
P.O. Box 402, Mineral, VA 23117 R/R Program 94-306 W.O. 290889-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name Authorization No. N/A
5000 Dominion Blvd, Glen Allen, VA 23060 Expiration Date N/A
Address
4. Identification of System Chemical and Volume Control System
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda 1981, 83(R) 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 583 Addenda Westinghouse
E.S. per
G 676241
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Disc	Velan	N/A	N/A	1-CH-322	Unknown	Replaced	No
Disc	Velan	3899	N/A	1-CH-322	1988	Replacement	No

7. Description of Work Replaced disc. Replaced during inspection of bushing engagement
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed P. N. Naulton IST Engineer Date September 27, 19 94
 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 H.S.D.F.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/16/94 to 9/20/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mal M. Spina Commissions NB 9531, VA 424, I.N.A.
 Inspector's Signature National Board, State, Province, and Endorsements

Date Sept 28, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-11-94
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Address
 Sheet 1 of
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R Program 94-307 W.O. 299531-1
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Component Cooling
5. (a) Applicable Construction Code B31.7 19 69 Edition, W1970 Addenda, 7B, 8, 83(R)115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 by 51983

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Plates	Mission	N/A	N/A	1-CC-546	Unknown	Replaced	No
Valve Plates	CBS Valve	HT# 15723 ABZ	N/A	1-CC-546	1992	Replacement	No
Studs	N/A	N/A	N/A	1-CC-546	Unknown	Replaced	No
Studs	Mackson	HT# 70202 NAM	N/A	1-CC-546	1994	Replacement	No
Nuts	N/A	N/A	N/A	1-CC-546	Unknown	Replaced	No

7. Description of Work Replaced valve seats in spare then replaced 1-CC-546 with spare. Installed new flange studs and nuts. Failed Type 'C'
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 102 psig Test Temp. 760 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2

Applicable Manufacturer's Data Reports to be attached

Replacement valve (Serial # 86-4681-010-2) came from 1-CC-199

removed under R/R 93-056. Valve was rebuilt under W.O. 158102

(new plates), no R/R Program was issued for this work. Rebuilt valve was installed in 1-CC-546 by this replacement program.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Pete J. Naught ISZ Engineer Date October 11, 19 94
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 H.S.B.F.T. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/21/94 to 10/11/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hara Commissions NB3531 VA424 I.N.P.
Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 11 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

Page 73 of 90

[illegible]

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 9-27-94
 Name
5000 Dominion Boulevard, Glen Allen VA 23060 Address
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R Program 94-314 W.B. 299220-1 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen, VA 23117 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Safety Injection
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 by SE3 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Disc	Velan	N/A	N/A	1-SI-B9	Unknown	Repaired	No

7. Description of Work Machined 0.020" off of the disc Failed Type 'C' Test
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☒ Pressure LP, VT psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 1

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI, repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed D. J. Nault ISI Engineer Date September 27, 19 94
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 A.S.B.I.E. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/22/94 to 9/23/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hauer Commissions NB 2531 VA 424 FINA
Inspector's Signature National Board, State, Province, and Endorsements

Date Sept 28 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company
 Name
5000 Dominion Blvd. Glen Allen, VA 23060
 Address

Date 9-27-94

2. Plant North Anna Power Station
 Name
P.O. Box 402, Mineral, VA 23117
 Address

Sheet 1 of 1

Unit 1

3. Work Performed by Virginia Electric & Power Company
 Name
5000 Dominion Blvd. Glen Allen, VA 23060
 Address

R/R Program 94-318 w.o. 299555
 Repair Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Chemical and Volume Control System
E-Spec G-676241

5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda 2E, F, E3(R) 115 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w 583 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Disc	Valan	N/A	N/A	1-CH-496	Unknown	Replaced	No
Disc	Valan	3900	N/A	1-CH-496	1988	Replacement	No

7. Description of Work Replaced disc as part of inspection for bushing engagement.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 1
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed PA Naughton ISI Engineer Date September 27, 19 94
 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 H.S.R.I.E. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/22/94 to 9/22/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Moh. M. Abu Commissions ND9531 V-9434 IMA
 Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 28, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-3-94
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address
2. Plant North Anna Power Station Sheet 1 of 1
Name
P.O. Box 402, Mineral, VA 23114
Address Unit 1
R/R Program 94-324, W.O. 299248
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Westinghouse Electric Corp. Type Code Symbol Stamp N/A
Name
P.O. Box 355, Pittsburgh, Pa 15230-0355
Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System Reactor Coolant (RC)
5. (a) Applicable Construction Code ASME III 19 68 Edition, W1968 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/s 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Conoseal Flange Seal Weld	Westinghouse	N/A	N/A	#1 Conoseal 1-RC-R-1	1994	Repaired	No

7. Description of Work Repair #1 Conoseal Flange seal weld indications
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 2300 psi Test Temp. >500 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class I
Final LP examination of repaired area.
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed J. P. Hamill, ISI Engineer Date November 3, 1994
 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 H.J.R. & T. of Hatfield, CT. have inspected the components described in this Owner's Report during the period 9/23/94 to 10/8/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Michael M. Aagaard Commissions NB953V VA93V JNA
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 7, 1994

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company
 Name
5000 Dominion Blvd., Glen Allen, VA 23060
 Address
2. Plant North Anna Power Station
 Name
P.O. Box 402, Mineral, VA 23117
 Address
3. Work Performed by Virginia Electric & Power Company
 Name
5000 Dominion Blvd., Glen Allen, VA 23060
 Address
- Date 9-27-94
- Sheet 1 of 1
- Unit 1
- R/R Program 94-327 W.O. 290889-2
 Repair Organization P.O. No., Job No., etc.
- Type Code Symbol Stamp N/A
- Authorization No. N/A
- Expiration Date N/A
4. Identification of System Chemical and Volume Control System
5. (a) Applicable Construction Code B31.7 1969 Edition, w 1970 Addenda, 7E, 8, 83(R1115) Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1983 w 583 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Disc	Velan	N/A	N/A	1-CH-322	Unknown	Repaired	No

7. Description of Work Machined disc 0.030" mating surface checked as part of inspection of bearing engagement.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☒ Pressure LP Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached
The ANII was not notified prior to start of repair. The ANII
reviewed final package. Ref. DR N-94-1770

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed P. J. Naughton ISI Engineer Date September 27, 1994
 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 H.S.B.F.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/23/94 to 9/27/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hugg Commissions NA 9531, VA 424, I, N, A
 Inspector's Signature National Board, State, Province, and Endorsements

Date Sept 27 1994

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-10-94
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Sheet 1 of 1
 Address
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 RIR Program 94-329 w.o. 299824
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Feedwater
5. (a) Applicable Construction Code B31.7 1969 Edition, 1976 Addenda, 7B, 8, 8X(R)115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1963 up to 1963 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Integral Attachment	Stone & Webster Eng. Corp.	N/A	N/A	HTIS-WMK3-102A SW-36	Unknown	Repaired	No

7. Description of Work Repaired defect found by Inservice Inspection
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☒ Pressure VT-1 and LP psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Pat. J. Naughton ISI Engineer Date October 10, 19 94
 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 H.S.B.I.I. of Hartford, CT. have inspected the components described in this Owner's Report during the period 9/24/84 to 10/1/84, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Anna Commissions NB2531, VA434, I, N/A
 Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 10 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-14-94
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Address
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 442, Mineral, VA 23117 Address
R/R Program 94-335 W.O. 299795 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Westinghouse Electric Corporation Type Code Symbol Stamp N/A
 Name
P.O. Box 355, Pitsburgh, PA 15230-355 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Main Steam (Secondary side of steam generator)
5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda 78, E, E3(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 in 5 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Hoti-coil	Westinghouse	9742025H11	N/A	1-RC-E-1A	1994	Replacement	No

7. Description of Work Manway bolt was cut off to remove manway. Bolt was drilled out and hoti-coil installed
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Pete J. Naughton ISI Engineer Date October 14, 1994
 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 H.S.B.I.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/26/94 to 10/14/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Paul M. Hana Commissions NB 2531, VA 424, I, N, A
 Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 14, 1994

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-11-94
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Sheet 1 of 2
 Address
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 94-342 P3N 10-11-94
 Address R/R 94-208 W.O. 299532
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Component Cooling
5. (a) Applicable Construction Code B31.7 19 69 Edition, W1970 Addenda, 7B, 8, 9, 10, 11F Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 63, by 5 1983

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve plates	Missron	N/A	N/A	1-CC-559	Unknown	Replaced	No
Valve plates	C#5 Valve	HT# 15723 A359	N/A	1-CC-559 90-116B-010.04	1991	Replacement	No
Studs	N/A	N/A	N/A	1-CC-559	Unknown	Replaced	No
Studs	Mackson	HT# 70202 NAM	N/A	1-CC-559	1994	Replacement	No
Nuts	N/A	N/A	N/A	1-CC-559	Unknown	Replaced	No

7. Description of Work Replaced valve plates, studs, and nuts. Failed Type 'C' test.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure 102 psig Test Temp. 260 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2 Valve Serial # 90-1168-010-04
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Pete J. Waight ISA Engineer Date October 11, 19 94
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 H.S.B.I.E. of Hartford, CT. have inspected the components described in this Owner's Report during the period 9/21/94 to 10/11/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hara Commissions NB2531, V4224, E.N.S.
Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 11 19 94

Docket Number: 50-338
Serial Number: 94-688
Page 81 of 90

COMMENTS

As required by the Provisions of the ASME Code Section XI

Page 81 of 90

- [illegible]

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-7-94
Name
5000 Dominion Blvd., Glen Allen, VA 23060 Sheet 1 of 1
Address
2. Plant North Anna Power Station Unit 1
Name
P.O. Box 402, Mineral, VA 23117 R/R Program 94-346 W.O. 300279
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name Authorization No. N/A
5000 Dominion Blvd., Glen Allen, VA 23060 Expiration Date N/A
Address
4. Identification of System Safety Injection (SI)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/s 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Spring Guides	First Metals	Heat No. 302838	N/A	Spring Hanger HSI-SPRH-53-3	1985	Replacement	No.

7. Description of Work Installed new spring guides on spring hanger.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class (2)
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed H. P. Hamill ISI Engineer Date November 7, 19 94
 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 H.S. B. & S. of Hartford, CT. have inspected the components described in this Owner's Report during the period 9/30/94 to 11/2/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Angus Commissions NB 9531, VA 424, IN/A
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 7, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-1-94
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address
2. Plant North Anna Power Station Sheet 1 of 1
Name
P.O. Box 402, Mineral, VA 23117
Address Unit 1
R/R Program 94-347, DrP 94-184 W.O. 278183
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Westinghouse Electric Corp. Type Code Symbol Stamp N/A
Name
P.O. Box 355, Pittsburgh, PA 15230-355
Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System Reactor Coolant (RC)
5. (a) Applicable Construction Code ASME III 19 68 Edition, W 1968 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 N/A Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Conosent Clamp	Westinghouse	N/A	N/A	I-RC-R-1	UNK.	Replaced	No
Conosent Clamp	Westinghouse	N/A	N/A	I-RC-R-1	Various	Replacement	No

7. Description of Work Installed new design of conosent clamp assemblies
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 2300 psi Test Temp. > 500 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 1

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed J. P. Hamill ISI Engineer Date November 1, 19 94
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 H.S.D. 202 of Hutcheson, SC have inspected the components described in this Owner's Report during the period 9/26/94 to 10/10/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hanks Commissions ND 8531 VA 424 J, N, A
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 7, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-9-94
Name
5000 Dominion Blvd, Glen Allen VA 23060
Address
2. Plant North Anna Power Station Unit 1
Name
P.O. Box 402, Mineral, VA 23117
Address R/R Program 94-348 W.O. 300297
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name
5000 Dominion Blvd, Glen Allen VA 23060
Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System Safety Injection (SI)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1976 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 4/5 83 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Nut	Texas Bolt	Heat No. 36331	N/A	Spring Hanger 1-SI-SPRH-51-31	1989	Replacement	No
Cap Screw	Nova	Heat No. B21038	N/A	Spring Hanger 1-SI-SPRH-51-31	1992	Replacement	No

7. Description of Work Replace missing clamp bolt & nut
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. V/A Expiration Date N/A
 Signed J. P. Hamill ISI Engineer Date November 7th 1994
 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 H.S.B.I. #2 of Hartford, CT. have inspected the components described in this Owner's Report during the period 9/30/94 to 11/2/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Amos Commissions ND 9531, VA 424, I, N, A
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Nov 7 1994

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company
 Name
5000 Dominion Blvd, Glen Allen, VA 23060
 Address
2. Plant North Anna Power Station
 Name
P.O. Box 402, Mineal, VA 23117
 Address
3. Work Performed by Virginia Electric & Power Company
 Name
5000 Dominion Blvd, Glen Allen, VA 23060
 Address
- Date 10-6-94
 Sheet 1 of 2
 Unit 1
R/R Programs 94-352 & 94-354 w/c 299165
 Repair Organization P.O. No., Job No., etc.
- Type Code Symbol Stamp N/A
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Blowdown
5. (a) Applicable Construction Code B31.7 19 69 Edition, W1970 Addenda 7B, 81, 83(R)115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 5 1983 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-BD-TV-100E	Unknown	Replaced	No
Studs	NOVA	HP 62477	N/A	1-BD-TV-100E	1994	Replacement	No
Nuts	N/A	N/A	N/A	1-BD-TV-100E	Unknown	Replaced	No
Nuts	Mackson Inc	HP 885334	N/A	1-BD-TV-100E	1994	Replacement	No
Valve Seat	Fisher	N/A	N/A	1-BD-TV-100E	Unknown	Replaced	No

7. Description of Work Replace stud, nuts, and valve seat. Failed Type 'C' test.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Pete J. Naught ISZ Engineer Date October 6, 19 94
 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 H.S.D.T.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 4/30/94 to 10/6/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hagg Commissions NB331 VA424 I, N, A
 Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 6 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

Page 86 of 90

- [illegible]

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-7-94
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Address
 Sheet 1 of 2
2. Plant North Anna Power Station Unit 1
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R Program 94-356 w.o. 300374
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
 Name
5000 Dominion Blvd, Glen Allen, VA 23060 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Recirc. Spray
5. (a) Applicable Construction Code B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 B3 w/ 5 1983 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-RS-MEJ-1A	Unknown	Replaced	No
Studs	ME 60974 PSN 11-1-11 <u>NOVA</u>	ME 6097696	N/A	1-RS-MEJ-1A	1987	Replacement	No
Nuts	N/A	N/A	N/A	1-RS-MEJ-1A	Unknown	Replaced	No
Nuts	Mackson	ME 6064779	N/A	1-RS-MEJ-1A	1994	Replacement	No
Expansion Joint	N/A	N/A	N/A	1-RS-MEJ-1A	Unknown	Replaced	No

7. Description of Work Replaced expansion joint, studs, and nuts. Heavy weight applied on top at one time stretched convolutes near tolerance.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Patricia J. Naughton ISI Engineer Date 10-11-, 19 94
 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 N.S.B.I.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/1/94 to 10/5/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hara Commissions NB9531 VA42Y IMA
 Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 11, 19 94

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

Page 88 of 90

[illegible]

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 11-7-94
Name
5000 Dominion Blvd., Glen Allen, VA 23060 Sheet 1 of 1
Address
2. Plant North Anna Power Station Unit 1
Name
P.O. Box 402, Mineral, VA 23117 R/R Program 94-361 W.O. 300445
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name Authorization No. N/A
5000 Dominion Blvd., Glen Allen, VA 23060 Expiration Date N/A
Address
4. Identification of System Quench Spray (QS)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/s 83 Addenda.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	N/A	N/A	N/A	1-QS-P-1A	Unk.	Replaced	No
Studs	Heat No. NOVA <u>Heat No. 62477</u>	<u>62477</u>	N/A	1-QS-P-1A	1994	Replacement	No
Nuts	N/A	N/A	N/A	1-QS-P-1A	Unk.	Replaced	No
Nuts	Texas Bolt	<u>Heat No. 8865334</u>	N/A	1-QS-P-1A	1994	Replacement	No

7. Description of Work Replace 5/8" studs and nuts.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed J.P. Hovill ISI Engineer Date November 7, 19 94
 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 H.S. D.I. & S. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/4/94 to 10/5/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hovill Commissions NB 9531 VA 424 I, N, A
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 7, 19 94

Docket Number: 50-338
Serial Number: 94-688
Attachment 2
Page 90 of 90

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company Date 10-28-94
Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address
Sheet 1 of 1
2. Plant North Anna Power Station Unit 1
Name
P.O. Box 402, Mineral, VA 23117 Address
R/R Programs 94-365 & 94-367 W.O. 300923
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Type Code Symbol Stamp N/A
Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Water Treatment (WT)
5. (a) Applicable Construction Code B31.7 19 69 Edition, 1970 Addenda 78 B1, 83(R), 115 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 83 w/ 83 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	B&G Manuf.	Heat No. 85641	N/A	1-WT-505	1992	Replacement	No
Nuts	v/h JOH. SMIT	Heat No. 881713	N/A	1-WT-505	1989	Replacement	No.
Studs	U.S. Bolt	Heat No. 50017	N/A	1-FPH-SGD-175	1994	Replacement	No.

7. Description of Work Replaced bannet studs and nuts on 1-WT-505. Replaced studs on support 1-FPH-SGD-175
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ASME Class 2
Performed VI-3 examination of pipe support.
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed L.P. Hamill ISI Engineer Date November 2, 19 94
 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 H.S.B.T.T. of Hartford, CT. have inspected the components described in this Owner's Report during the period 10/19/94 to 10/11/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's 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.

Mark M. Hugg Commissions NA 8531, VA 424, I, N, A
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 7, 19 94