

ATTACHMENT 1

**1996 UNIT 2 REFUELING OUTAGE
INSERVICE INSPECTION SUMMARY REPORT**

OWNER'S REPORT FOR INSERVICE INSPECTIONS

**NORTH ANNA POWER STATION - UNIT 2
P.O. BOX 402
MINERAL, VA 23117**

COMMERCIAL SERVICE DATE 12-14-80

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

9701140054 970102
PDR ADOCK 05000339
Q PDR

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

1. Owner Virginia Electric & Power Company, 5000 Dominion Blvd., Glen Allen, VA 23060
 (Name and Address of Owner)
2. Plant North Anna Power Station, P.O. Box 402, Mineral, VA 23117
 (Name and Address of Plant)
3. Plant Unit Unit 2 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 12-14-80 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 - 109C weld 1	Southwest Fabricating	301	N/A	N/A
Class 1 Piping - 109C weld 4	Southwest Fabricating	302	N/A	N/A
Class 1 Piping - 109C weld SW-11	Southwest Fabricating	301	N/A	N/A
Class 1 Piping - 109E-1 weld 9	Southwest Fabrication	291	N/A	N/A
Class 1 Piping - 109F-1 weld 20	Southwest Fabricating	306	N/A	N/A
Class 1 Piping - 110A-1 weld SW-13	Southwest Fabricating	2386	N/A	N/A
Class 1 Piping - 111AD-1 weld 5A	Southwest Fabricating	2993	N/A	N/A
Class 1 Piping - 111AD-1 weld 6	Southwest Fabricating	2993	N/A	N/A
Class 1 Piping - 111AD-1 weld SW-33	Southwest Fabricating	2993	N/A	N/A
Class 1 Piping - 111AD-1 weld SW-34	Southwest Fabricating	2993	N/A	N/A
Class 1 Piping - 113A-1 weld 2	Southwest Fabricating	4531	N/A	N/A
Class 1 Piping - 113A-4 weld 1	Southwest Fabricating	2787	N/A	N/A
Class 1 Piping Nonserialized	Stone & Webster Eng. Corp.	N/A	N/A	N/A
Class 2 Piping Nonserialized	Stone & Webster Eng. Corp.	N/A	N/A	N/A
Class 2 Component Support	Stone & Webster Eng. Corp.	N/A	N/A	N/A
Pressurizer	Westinghouse	1291	VA 61434	68-104

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 5-30-95 to 10-6-96
- 9. Inspection Period Identification Second Period (12-14-93 - 12-14-97)
- 10. Inspection Interval Identification Second Interval (12-14-90 - 12-14-2000)
- 11. Applicable Edition of Section XI 1986 Addenda None
- 12. Date/Revision of Inspection Plan September 16, 1996 Revision 8, Interim Change 96-03 October 23, 1996
- 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 - 20
- 14. Abstract of Results of Examinations and Tests. Attachment 1 Pages 3 - 20
- 15. Abstract of Corrective Measures. Attachment 1 Pages 16 - 20

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 18 19 96 Signed Virginia Electric & Power Company By E. W. Threlkeld
Owner

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 5/30/95 to 10/6/96, 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. Hall Commissions VA-424, INA
Inspector's Signature National Board, State, Province, and Endorsements

Date DEC 18 19 96

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS Page 2 of 20

As required by the Provisions of the ASME Code Rules

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(Name and Address of Owner)
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(Name and Address of Plant)
3. Plant Unit Unit 2 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 12-14-80 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.
Reactor Vessel	RDH Rotterdam	30662	VA 61445	N/A

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.

Virginia Electric and Power Company
North Anna Power Station

Unit 2

1996 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 2 from May 30, 1995 to October 6, 1996. The examinations during the second interval were performed to meet the requirements of ASME Section XI, 1986 Edition.

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. 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.

Due to leakage identified during startup, some examinations were performed after the official end of the refueling outage, October 6, 1996. 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 no components being reported on the basis of procedure reporting criteria.

Resolution of Previous NIS-1 commitments

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

1. Letter Serial No. 95-316 Attachment 1, page 7:

A commitment was made to examine spring hanger 2-SHP-SH-46 on 12050-WMKS-0101B during the next period due to a loose jam nut and improper spring setting. The examination is scheduled for period 3 in revision 8 of the North Anna Power Station Unit 2 Inservice Inspection Plan for the Second Inspection Interval.

2. Letter Serial No. 95-316 Attachment 1, page 7:

A commitment was made to revise drawing 12050-PSSK-110C.06 to correct the spring can size shown for 2-RC-SH-26. The drawing was corrected under revision 2.

3. Letter Serial No. 95-316 Attachment 1, page 8:

A commitment was made to examine spring hanger 2-CH-R-1 on 12050-WMKS-0111W during the next period due to one hex and four washers found to be missing. The examination is scheduled for period 3 in revision 8 of the North Anna Power Station Unit 2 Inservice Inspection Plan for the Second Inspection Interval.

4. Letter Serial No. 94-002 Attachment 1, page 8:

A commitment was made to examine the following welds in the second period.

12050-WMKS-0101A-1	10
12050-WMKS-0102A	SW-41
12050-WMKS-0102B	SW-27
12050-WMKS-0102C	SW-36

Weld 10 on 12050-WMKS-0101A-1 was substituted with weld 27 on the same drawing and examined on 4/21/95. The remaining three integral attachment welds were removed from the inspection plan. Relief request NDE-21 reduced the number of integral attachments required to be examined to 10%. This relief request was approved by the NRC by letter dated 8/8/95, Virginia Power Letter Number 95-429.

5. Letter Serial No. 95-316 Attachment 1, pages 11, 12, 14, and 15:

A commitment was made to submit a relief request detailing the limitations for any exam not achieving 90% of the required coverage.

Attachment 1	page 11	12050-WMKS-0103BV	26	UT	NDE-23
Attachment 1	page 11	12050-WMKS-0107D	52H	PT	NDE-29
Attachment 1	page 11	12050-WMKS-0109F-2	SW-23	UT	NDE-24
Attachment 1	page 11	12050-WMKS-0109F-2	SW-43	UT	NDE-24
Attachment 1	page 11	12050-WMKS-0109F-2	SW-45	UT	NDE-24
Attachment 1	page 12	12050-WMKS-0110A-1	SW-14	UT	NDE-26
Attachment 1	page 12	12050-WMKS-0110A-1	SW-16	UT/PT	NDE-27
Attachment 1	page 12	12050-WMKS-0110A-1	SW-19	UT/PT	NDE-26
Attachment 1	page 12	12050-WMKS-0110A-1	SW-24	UT/PT	NDE-27
Attachment 1	page 12	12050-WMKS-RC-E-2	11	UT	NDE-28
Attachment 1	page 12	12050-WMKS-RC-E-2	12	UT	NDE-28
Attachment 1	page 12	12050-WMKS-RH-E-1A	2	UT	NDE-25
Attachment 1	page 12	12050-WMKS-SI-TK-2	1	UT	

Relief Requests NDE-23 - 29 were submitted by Letter Serial No. 95-327. The relief requests have been approved by the NRC by Letter Serial No. 96-549 dated October 10, 1996. A portion of weld 1 on 12050-WMKS-SI-TK-2 is examined each period. A relief request will be submitted, if necessary, after the entire weld has been examined in the third period.

6. Letter Serial No. 95-316 Attachment 2, page 1 and 2:

A commitment was made to submit a relief request detailing the limitations for any exam not achieving 90% of the required coverage.

Attachment 2	page 1	12050-WMKS-CH-P-1B	WS-3	PT	NDE-30
Attachment 2	page 1	12050-WMKS-CH-P-1B	WS-4	PT	NDE-30
Attachment 2	page 2	12050-WMKS-CH-P-1A	WS-3	PT	NDE-30
Attachment 2	page 2	12050-WMKS-CH-P-1A	WS-4	PT	NDE-30

Relief Requests NDE-30 was submitted by Letter Serial No. 95-417. This relief request has been approved by the NRC by Letter Serial No. 96-549 dated October 10, 1996.

Analytical Evaluations

No analytical evaluations were performed.

Evaluation Analyses

No evaluation analyses were performed for components found to be unacceptable for service as an alternative to repair. All components found to be unacceptable were repaired or replaced.

Statement of Interval Status

Virginia Electric and Power has completed 61% of Second 10-Year Interval Section XI requirements.

Abstract of Examinations Performed
 IWB, IWC & IWF

The following examinations were performed to satisfy the second period requirements. All examinations had no reportable indications.

DRAWING NUMBER	MARK NUMBER	LINE NUMBER	SECTION XI		EXAM			REMARKS
			CLASS	CATEGORY	ITEM	METHOD	DATE	
12050-WMKS-0101D	52	32"-SHP-403-601-Q2	2A	C-F-2	C5.51	MT & UT	9/20/96	
12050-WMKS-0103BK	46	2"-CH-408-1502-Q1	1A	B-J	B9.40	PT	9/12/96	
12050-WMKS-0109C	1	8"-RC-413-2501R-Q1	1A	B-J	B9.11	PT & UT	9/14/96	
12050-WMKS-0109C	4	8"-RC-413-2501R-Q1	1A	B-J	B9.11	PT & UT	9/14/96	
12050-WMKS-0109C	SW-11	8"-RC-413-2501R-Q1	1A	B-J	B9.32	PT	9/14/96	
12050-WMKS-0109E-1	9	27 1/2"-RC-403-2501R-Q1	1A	B-J	B9.11	PT & UT	9/23/96	Partial
12050-WMKS-0109F-1	20	31"-RC-405-2501R-Q1	1A	B-J	B9.11	PT & UT	9/16/96	Partial
12050-WMKS-0110A-1	1	6"-RC-437-1502-Q1	1A	B-J	B9.11	PT & UT	9/18/96	
12050-WMKS-0110A-1	SW-13	6"-RC-437-1502-Q1	1A	B-J	B9.11	PT & UT	9/18/96	Partial
12050-WMKS-0111AAD	52	4"-CH-480-1502-Q2	2A	C-F-1	C5.21	PT & UT	9/24/96	
12050-WMKS-0111AB	12	2"-CH-405-1502-Q1	1A	B-J	B9.21	PT	9/12/96	
12050-WMKS-0111AB	9	3"-CH-800-1502-Q1	1A	B-J	B9.21	PT	9/12/96	
12050-WMKS-0111AD-1	5A	2"-RC-445-1502-Q1	1A	B-J	B9.40	PT	9/12/96	
12050-WMKS-0111AD-1	6	2"-RC-445-1502-Q1	1A	B-J	B9.40	PT	9/12/96	
12050-WMKS-0111AD-1	SW-33	2"-RC-445-1502-Q1	1A	B-J	B9.40	PT	9/12/96	
12050-WMKS-0111AD-1	SW-34	2"-RC-445-1502-Q1	1A	B-J	B9.40	PT	9/12/96	
12050-WMKS-0111W	6A	3"-CH-814-1502-Q1	1A	B-J	B9.21	PT	9/19/96	
12050-WMKS-0113A-1	2	14"-RH-401-1502-Q1	1A	B-J	B9.11	PT & UT	9/12/96	
12050-WMKS-0113A-4	1	12"-RC-422-1502-Q1	1A	B-J	B9.11	PT & UT	9/12/96	
12050-WMKS-RC-E-2	9	2-RC-E-2	1A	B-D	B3.110	VT-2	9/08/96	Relief Request NDE-16
12050-WMKS-RC-R-1.1	2-RC-INT	2-RC-R-1	1A	B-N-1	B13.10	VT-3	9/16/96	
12050-WMKS-RC-R-1.1	1	2-RC-R-1	1A	B-A	B1.30	UT	9/13/96	
12050-WMKS-RC-R-1.2	1	2-RC-R-1	1A	B-A	B1.40	MT/UT	9/17/96	Partial
12050-WMKS-RC-R-1.2	MC-03	2-RC-R-1	1A	B-G-2	B7.80	VT-1	9/18/96	
12050-WMKS-RC-R-1.3	TIF-27	2-RC-R-1	1A	B-G-1	B6.40	UT	9/13/96	
12050-WMKS-RC-R-1.3	TIF-28	2-RC-R-1	1A	B-G-1	B6.40	UT	9/13/96	
12050-WMKS-RC-R-1.3	TIF-29	2-RC-R-1	1A	B-G-1	B6.40	UT	9/13/96	
12050-WMKS-RC-R-1.3	TIF-30	2-RC-R-1	1A	B-G-1	B6.40	UT	9/13/96	
12050-WMKS-RC-R-1.3	TIF-31	2-RC-R-1	1A	B-G-1	B6.40	UT	9/13/96	
12050-WMKS-RC-R-1.3	TIF-32	2-RC-R-1	1A	B-G-1	B6.40	UT	9/13/96	

REMARKS

Partial - Partial examination, (reduction in coverage is greater than 10% as allowed by Code Case N-460) relief request will be provided by separate correspondence).

System Pressure Tests

The following system pressure tests were performed to satisfy the second period requirements. All system pressure test were acceptable.

ASME XI

Test No.	Test Zone	Category	Item No.	Examination Date
2-CA-002	INSTRUMENT AIR - PENETRATION 47			
TEST DURING THIRD INTERVAL TESTING.				
2-SPM-082F-2-1	C-H	C7.30		09/18/96
2-SPM-082F-2-1	C-H	C7.70		09/18/96

Test No.	Test Zone	ASME XI		Examination Date
		Category	Item No.	
2-CC-006	COMPONENT COOLING TO RECIRCULATION AIR FANS			
	2-SPM-079B-3-1	C-H	C7.30	09/08/96
	2-SPM-079B-3-1	C-H	C7.70	09/08/96
2-CH-002	LETDOWN			
	2-SPM-095C-1-1	B-P	B15.40	10/11/96
	2-SPM-095C-1-1	B-P	B15.50	10/11/96
	2-SPM-095C-1-1	B-P	B15.70	10/11/96
2-CH-004	EXCESS LETDOWN HEAT EXCHANGER			
	2-SPM-095C-2-6	B-P	B15.50	10/11/96
	2-SPM-095C-2-6	B-P	B15.60	10/11/96
2-CH-005	LOOP FILL HEADER			
	2-SPM-093A-1-3	B-P	B15.50	09/29/96
	2-SPM-093A-1-3	B-P	B15.70	09/29/96
	2-SPM-093A-2-3	B-P	B15.50	09/29/96
	2-SPM-093A-2-3	B-P	B15.70	09/29/96
	2-SPM-093A-3-4	B-P	B15.50	09/29/96
	2-SPM-093A-3-4	B-P	B15.70	09/29/96
	2-SPM-095C-1-4	B-P	B15.50	09/29/96
	2-SPM-095C-1-4	B-P	B15.70	09/29/96
	2-SPM-095C-1-4	C-H	C7.30	09/29/96
	2-SPM-095C-1-4	C-H	C7.70	09/29/96
	2-SPM-096A-3-6	C-H	C7.30	09/29/96
	2-SPM-096A-3-6	C-H	C7.70	09/29/96
2-CH-006	SEAL INJECTION TO RCP'S			
	2-SPM-095C-2-3	B-P	B15.50	10/11/96
	2-SPM-095C-2-3	B-P	B15.70	10/11/96
	2-SPM-095C-2-4	B-P	B15.50	10/11/96
	2-SPM-095C-2-4	B-P	B15.70	10/11/96
	2-SPM-095C-2-5	B-P	B15.50	10/11/96
2-CH-007	NORMAL CHARGING HEADER			
	2-SPM-095A-1-1	C-H	C7.10	09/08/96
	2-SPM-095A-1-1	C-H	C7.30	09/08/96
	2-SPM-095A-1-1	C-H	C7.70	09/08/96
	2-SPM-095A-2-1	C-H	C7.10	09/08/96
	2-SPM-095A-2-1	C-H	C7.30	09/08/96
	2-SPM-095A-2-1	C-H	C7.70	09/08/96
	2-SPM-095A-2-3	C-H	C7.30	09/08/96
	2-SPM-095A-2-3	C-H	C7.70	09/08/96
	2-SPM-095A-2-4	C-H	C7.30	09/08/96
	2-SPM-095A-2-4	C-H	C7.70	09/08/96
	2-SPM-095A-2-5	C-H	C7.30	09/08/96
	2-SPM-095A-2-5	C-H	C7.70	09/08/96
	2-SPM-095B-1-1	C-H	C7.30	09/08/96
	2-SPM-095B-1-1	C-H	C7.70	09/08/96
	2-SPM-095B-1-2	C-H	C7.10	09/08/96
	2-SPM-095B-1-2	C-H	C7.30	09/08/96
	2-SPM-095B-1-2	C-H	C7.70	09/08/96
	2-SPM-095B-1-7	C-H	C7.10	09/08/96
	2-SPM-095B-1-7	C-H	C7.30	09/08/96
	2-SPM-095B-1-7	C-H	C7.70	09/08/96
	2-SPM-095B-1-8	C-H	C7.30	09/08/96
	2-SPM-095B-1-8	C-H	C7.70	09/08/96
	2-SPM-095B-2-1	C-H	C7.30	09/08/96
	2-SPM-095B-2-1	C-H	C7.70	09/08/96
	2-SPM-095B-2-10	C-H	C7.30	09/08/96
	2-SPM-095B-2-10	C-H	C7.70	09/08/96
	2-SPM-095B-2-2	C-H	C7.30	09/08/96
	2-SPM-095B-2-2	C-H	C7.50	09/08/96
	2-SPM-095B-2-2	C-H	C7.70	09/08/96
	2-SPM-095B-2-3	C-H	C7.30	09/08/96
	2-SPM-095B-2-3	C-H	C7.50	09/08/96

ASME XI

Test No.	Test Zone	Category	Item No.	Examination Date
2-CH-007	NORMAL CHARGING HEADER	Continued		
	2-SPM-095B-2-3	C-H	C7.70	09/08/96
	2-SPM-095B-2-4	C-H	C7.30	09/08/96
	2-SPM-095B-2-4	C-H	C7.50	09/08/96
	2-SPM-095B-2-4	C-H	C7.70	09/08/96
	2-SPM-095B-2-5	C-H	C7.30	09/08/96
	2-SPM-095B-2-5	C-H	C7.70	09/08/96
	2-SPM-095B-2-6	C-H	C7.30	09/08/96
	2-SPM-095B-2-6	C-H	C7.70	09/08/96
	2-SPM-095C-1-3	C-H	C7.30	09/08/96
	2-SPM-095C-1-3	C-H	C7.70	09/08/96
	2-SPM-095C-1-8	C-H	C7.30	09/08/96
	2-SPM-095C-1-8	C-H	C7.70	09/08/96
	2-SPM-095C-2-1	C-H	C7.10	09/08/96
	2-SPM-095C-2-1	C-H	C7.30	09/08/96
	2-SPM-095C-2-1	C-H	C7.70	09/08/96
	2-SPM-096A-3-4	C-H	C7.30	09/08/96
	2-SPM-096A-3-4	C-H	C7.70	09/08/96
	2-SPM-096A-3-5	C-H	C7.30	09/08/96
	2-SPM-096A-3-5	C-H	C7.70	09/08/96
2-CH-008	CHARGING CROSS-TIE UNIT 2 TO UNIT 1.			
	2-SPM-095B-2-9	C-H	C7.30	09/08/96
	2-SPM-095B-2-9	C-H	C7.70	09/08/96
2-DA-004	PRIMARY VENT POT (2-DA-TK-1) DISCHARGE PEN. 54.			
	2-SPM-090A-3-3	C-H	C7.30	09/08/96
	2-SPM-090A-3-3	C-H	C7.70	09/08/96
2-FP-001	FIRE PROTECTION PENETRATION 34			
	2-SPM-104A-1-1	C-H	C7.70	09/09/96
2-QS-003	QUENCH SPRAY RECIRC TO RWST			
	2-SPM-091A-1-2	C-H	C7.30	07/12/96
	2-SPM-091A-1-2	C-H	C7.70	07/12/96
	2-SPM-091A-1-3	C-H	C7.30	07/12/96
	2-SPM-091A-1-3	C-H	C7.70	07/12/96
	2-SPM-091A-1-4	C-H	C7.30	07/12/96
	2-SPM-091A-1-4	C-H	C7.70	07/12/96
	2-SPM-091A-1-5	C-H	C7.30	07/12/96
	2-SPM-091A-1-5	C-H	C7.70	07/12/96
	2-SPM-091A-1-7	C-H	C7.30	07/12/96
	2-SPM-091A-1-7	C-H	C7.50	07/12/96
	2-SPM-091A-1-7	C-H	C7.70	07/12/96
	2-SPM-091A-2-1	C-H	C7.30	07/12/96
	2-SPM-091A-2-1	C-H	C7.50	07/12/96
	2-SPM-091A-2-1	C-H	C7.70	07/12/96
	2-SPM-091A-2-2	C-H	C7.30	07/12/96
	2-SPM-091A-2-2	C-H	C7.50	07/12/96
	2-SPM-091A-2-2	C-H	C7.70	07/12/96
	2-SPM-091A-2-3	C-H	C7.30	07/12/96
	2-SPM-091A-2-3	C-H	C7.70	07/12/96
	2-SPM-091A-2-6	C-H	C7.30	07/12/96
	2-SPM-091A-2-6	C-H	C7.70	07/12/96
2-RC-001	REACTOR COOLANT SYSTEM			
	2-SPM-089B-1-1	B-P	B15.50	10/12/96
	2-SPM-089B-1-1	B-P	B15.70	10/12/96
	2-SPM-089B-1-2	C-H	C7.30	10/12/96
	2-SPM-089B-1-2	C-H	C7.70	10/12/96
	2-SPM-090A-3-4	B-P	B15.50	10/12/96
	2-SPM-090A-3-4	B-P	B15.70	10/12/96
	2-SPM-090A-3-5	B-P	B15.50	10/12/96
	2-SPM-090A-3-5	B-P	B15.70	10/12/96
	2-SPM-093A-1-1	B-P	B15.10	10/12/96

ASME XI

Test No.	Test Zone	Category	Item No.	Examination Date
2-RC-001	REACTOR COOLANT SYSTEM	Continued		
	2-SPM-093A-1-1	B-P	B15.30	10/12/96
	2-SPM-093A-1-1	B-P	B15.50	10/12/96
	2-SPM-093A-1-1	B-P	B15.60	10/12/96
	2-SPM-093A-1-1	B-P	B15.70	10/12/96
	2-SPM-093A-1-2	B-P	B15.50	10/12/96
	2-SPM-093A-1-2	B-P	B15.70	10/12/96
	2-SPM-093A-2-1	B-P	B15.10	10/12/96
	2-SPM-093A-2-1	B-P	B15.30	10/12/96
	2-SPM-093A-2-1	B-P	B15.50	10/12/96
	2-SPM-093A-2-1	B-P	B15.60	10/12/96
	2-SPM-093A-2-1	B-P	B15.70	10/12/96
	2-SPM-093A-2-2	B-P	B15.50	10/12/96
	2-SPM-093A-2-2	B-P	B15.70	10/12/96
	2-SPM-093A-3-1	B-P	B15.10	10/12/96
	2-SPM-093A-3-1	B-P	B15.30	10/12/96
	2-SPM-093A-3-1	B-P	B15.50	10/12/96
	2-SPM-093A-3-1	B-P	B15.60	10/12/96
	2-SPM-093A-3-1	B-P	B15.70	10/12/96
	2-SPM-093A-3-2	B-P	B15.50	10/12/96
	2-SPM-093A-3-2	B-P	B15.70	10/12/96
	2-SPM-093A-3-3	B-P	B15.50	10/12/96
	2-SPM-093A-3-3	B-P	B15.70	10/12/96
	2-SPM-093B-1-1	B-P	B15.10	10/12/96
	2-SPM-093B-1-1	B-P	B15.20	10/12/96
	2-SPM-093B-1-1	B-P	B15.50	10/12/96
	2-SPM-093B-1-1	B-P	B15.70	10/12/96
	2-SPM-093B-1-2	B-P	B15.50	10/12/96
	2-SPM-093B-1-2	B-P	B15.70	10/12/96
	2-SPM-093B-1-3	B-P	B15.50	10/12/96
	2-SPM-093B-1-3	B-P	B15.70	10/12/96
	2-SPM-093B-1-4	B-P	B15.50	10/12/96
	2-SPM-093B-1-4	B-P	B15.70	10/12/96
	2-SPM-093D-1-1	B-P	B15.10	10/12/96
	2-SPM-093D-1-1	B-P	B15.50	10/12/96
	2-SPM-093D-1-1	B-P	B15.70	10/12/96
	2-SPM-093D-2-1	B-P	B15.50	10/12/96
	2-SPM-093D-2-1	B-P	B15.70	10/12/96
	2-SPM-094A-1-1	B-P	B15.50	10/12/96
	2-SPM-094A-1-1	B-P	B15.70	10/12/96
	2-SPM-094A-2-1	B-P	B15.50	10/12/96
	2-SPM-094A-2-1	B-P	B15.70	10/12/96
	2-SPM-094A-2-2	B-P	B15.50	10/12/96
	2-SPM-094A-2-2	B-P	B15.70	10/12/96
	2-SPM-095C-1-2	B-P	B15.50	10/12/96
	2-SPM-095C-1-2	B-P	B15.70	10/12/96
	2-SPM-096B-1-1	B-P	B15.50	10/12/96
	2-SPM-096B-1-1	B-P	B15.70	10/12/96
	2-SPM-096B-1-3	B-P	B15.50	10/12/96
	2-SPM-096B-1-3	B-P	B15.70	10/12/96
	2-SPM-096B-1-3	C-H	C7.30	10/12/96
	2-SPM-096B-1-3	C-H	C7.70	10/12/96
	2-SPM-096B-2-1	B-P	B15.50	10/12/96
	2-SPM-096B-2-1	B-P	B15.70	10/12/96
	2-SPM-096B-2-3	B-P	B15.50	10/12/96
	2-SPM-096B-2-3	B-P	B15.70	10/12/96
	2-SPM-096B-2-3	C-H	C7.30	10/12/96
	2-SPM-096B-2-3	C-H	C7.70	10/12/96
	2-SPM-096B-3-1	B-P	B15.50	10/12/96
	2-SPM-096B-3-1	B-P	B15.70	10/12/96
	2-SPM-096B-3-3	B-P	B15.50	10/12/96
	2-SPM-096B-3-3	B-P	B15.70	10/12/96
	2-SPM-096B-3-3	C-H	C7.30	10/12/96
	2-SPM-096B-3-3	C-H	C7.70	10/12/96
	2-SPM-096B-4-1	B-P	B15.10	10/12/96
	2-SPM-096B-4-1	B-P	B15.50	10/12/96

Test No.	Test Zone	ASME XI		Examination Date
		Category	Item No.	
2-RC-001	REACTOR COOLANT SYSTEM	Continued		
	2-SPM-096B-4-1	B-P	B15.70	10/12/96
2-RP-001	RP TO REACTOR CAVITY, PEN. 103.			
	1-SPM-088A-3-1	C-H	C7.30	09/17/96
	1-SPM-088A-3-1	C-H	C7.70	09/17/96
2-RF-002	RP TO REACTOR CAVITY, PEN. 104.			
	1-SPM-088A-3-2	C-H	C7.30	09/17/96
	1-SPM-088A-3-2	C-H	C7.70	09/17/96
2-RS-005	2-RS-P-3A TO 2-RS-P-2A SUCTION.			
	2-SPM-091B-1-2	C-H	C7.30	08/19/96
	2-SPM-091B-1-2	C-H	C7.70	08/19/96
2-RS-006	2-RS-P-3B TO 2-RS-P-2B SUCTION.			
	2-SPM-091B-1-1	C-H	C7.30	09/30/96
	2-SPM-091B-1-1	C-H	C7.70	09/30/96
2-RS-009	2-RS-P-2A SUCTION/DISCHARGE ORS.			Note 1
	2-SPM-091A-4-4	C-H	C7.30	10/03/96
	2-SPM-091A-4-4	C-H	C7.50	10/03/96
	2-SPM-091A-4-4	C-H	C7.70	10/03/96
2-RS-012	2-RS-P-2B SUCTION/DISCHARGE ORS.			Note 1
	2-SPM-091A-4-3	C-H	C7.30	05/15/95
	2-SPM-091A-4-3	C-H	C7.50	05/15/95
	2-SPM-091A-4-3	C-H	C7.70	05/15/95
2-SI-004	ACCUMULATOR N2 VENT, PENETRATION 50			
	2-SPM-096B-1-4	C-H	C7.30	09/08/96
	2-SPM-096B-1-4	C-H	C7.70	09/08/96
2-SI-011	CHARGING TO CL, PEN. 11.			
	2-SPM-096B-4-5	B-P	B15.50	10/11/96
	2-SPM-096B-4-5	B-P	B15.70	10/11/96
2-SI-014	HHSI, CHARGING TO HL, PEN. 114.			
	2-SPM-096B-4-7	B-P	B15.50	10/11/96
	2-SPM-096B-4-7	B-P	B15.70	10/11/96
2-SS-001	SG SAMPLE TO PEN. 56.			
	2-SPM-089A-3-4	C-H	C7.30	09/10/96
	2-SPM-089A-3-4	C-H	C7.70	09/10/96
2-SW-001	SW TO RECIRC. SPRAY HEAT EXCHANGER			
	1-SPM-078B-3-2	C-H	C7.10	09/09/96
	1-SPM-078B-3-2	C-H	C7.30	09/09/96
	1-SPM-078B-3-2	C-H	C7.70	09/09/96
	1-SPM-078B-3-3	C-H	C7.10	09/09/96
	1-SPM-078B-3-3	C-H	C7.30	09/09/96
	1-SPM-078B-3-3	C-H	C7.70	09/09/96
2-SW-002	SW TO RECIRC SPRAY HEAT EXCHANGER			
	1-SPM-078B-3-1	C-H	C7.10	09/09/96
	1-SPM-078B-3-1	C-H	C7.30	09/09/96
	1-SPM-078B-3-1	C-H	C7.70	09/09/96
	1-SPM-078B-3-4	C-H	C7.10	09/09/96
	1-SPM-078B-3-4	C-H	C7.30	09/09/96

ASME XI

Test No.	Test Zone	Category	Item No.	Examination Date
2-SW-002	SW TO RECIRC SPRAY HEAT EXCHANGER	Continued		
	1-SPM-078B-3-4	C-H	C7.70	09/09/96
2-WT-001	2-RC-E-1A, SG WET LAY-UP, PEN 32.			
	2-SPM-102B-1-4	C-H	C7.30	09/08/96
	2-SPM-102B-1-4	C-H	C7.70	09/08/96
2-WT-002	2-RC-E-18A, SG WET LAY-UP, PEN 100.			
	2-SPM-102B-1-5	C-H	C7.30	09/08/96
	2-SPM-102B-1-5	C-H	C7.70	09/08/96
2-WT-003	2-RC-E-18A, SG WET LAY-UP, PEN 10B.			
	2-SPM-102B-1-6	C-H	C7.30	09/08/96
	2-SPM-102B-1-6	C-H	C7.70	09/08/96

Note 1 - The 10 minute hold time required by IWA-5213(b) was not achieved during the testing of the outside recirc. spray pumps (2-RS-P-2A pressure test 2-RS-009 and 2-RS-P-2B pressure test 2-RS-012), due to test loop configuration and pump seal design. A relief request will be submitted or the test will be repeated with a 10 minute hold time prior to the end of the second period, 12/14/97.

The following items numbers were reported in the 1995 NIS-1 report as having been pressure tested. Subsequent to the 1995 NIS-1 report a review of the pressure test program was performed and determined that these item numbers did not exist for the specific test zone or the item is being tracked under the Inservice Inspection Plan for Components and Component Supports. These item numbers have been removed from the pressure test program.

ASME XI

Test No.	Test Zone	Category	Item No.
2-BD-001			
	2-SPM-098A-2-1	C-B	C2.33
	2-SPM-098A-2-1	C-H	C7.10
2-BD-002			
	2-SPM-098A-3-1	C-B	C2.33
	2-SPM-098A-3-1	C-H	C7.10
2-BD-003			
	2-SPM-098A-4-1	C-B	C2.33
	2-SPM-098A-4-1	C-H	C7.10
2-FW-001			
	2-SPM-074A-1-1	C-B	C2.33
	2-SPM-089A-3-1	C-B	C2.33
	2-SPM-102A-2-1	C-B	C2.33
	2-SPM-102B-1-1	C-B	C2.33
2-FW-002			
	2-SPM-074A-1-2	C-B	C2.33
	2-SPM-089A-3-2	C-B	C2.33
	2-SPM-102A-2-2	C-B	C2.33
	2-SPM-102B-1-2	C-B	C2.33
2-FW-003			
	2-SPM-074A-1-3	C-B	C2.33
	2-SPM-089A-3-3	C-B	C2.33
	2-SPM-102A-2-3	C-B	C2.33
	2-SPM-102B-1-3	C-B	C2.33
2-MS-001			
	2-SPM-070B-1-1	C-B	C2.33
2-MS-002			
	2-SPM-070B-2-1	C-B	C2.33
2-MS-003			
	2-SPM-070B-3-1	C-B	C2.33
2-MS-004			
	2-SPM-070B-2-3	C-B	C2.33

Test No.	Test Zone	ASME XI	
		Category	Item No.
2-RC-001	2-SPM-094A-1-1	B-P	B15.10
	2-SPM-095C-1-2	B-P	B15.10
	2-SPM-096B-1-1	B-P	B15.10
	2-SPM-096B-2-1	B-P	B15.10
	2-SPM-096B-3-1	B-P	B15.10
2-SI-001	2-SPM-096B-1-2	C-B	C2.33
2-SI-002	2-SPM-096B-2-2	C-B	C2.33
2-SI-003	2-SPM-096B-3-2	C-B	C2.33
2-SI-010	2-SPM-096A-2-3	C-H	C7.30
2-SI-011	2-SPM-096A-3-1	C-B	C2.33

Note Code Cases N-522 and N-498 that were referenced in the 1995 NIS-1 report were not applicable to the pressure test performed during that inspection period.

The following item numbers were not reported in the 1995 NIS-1 report as having been pressure tested. These item numbers were omitted from the pressure test reporting in error. These item numbers and test completion dates are reported in this NIS-1 report in order to document the completion status for Period 2 for the Class 1 and 2 pressure tests.

Test No.	Test Zone	ASME XI		
		Category	Item No.	Examination Date
2-BD-001	2-SPM-098A-2-1	C-H	C7.30	03/25/95
	2-SPM-098A-2-1	C-H	C7.70	03/25/95
2-BD-002	2-SPM-098A-3-1	C-H	C7.70	03/25/95
2-BD-003	2-SPM-098A-4-1	C-H	C7.30	03/25/95
	2-SPM-098A-4-1	C-H	C7.70	03/25/95
2-CA-001	2-SPM-082A-1-1	C-H	C7.30	04/06/95
	2-SPM-082A-1-1	C-H	C7.70	04/06/95
2-CA-003	2-SPM-082B-2-1	C-H	C7.70	03/27/95
2-CA-004	2-SPM-082B-2-2	C-H	C7.70	03/27/95
2-CC-001	2-SPM-079A-1-2	C-H	C7.70	03/30/95
2-CC-002	2-SPM-079A-1-3	C-H	C7.70	03/30/95
2-CC-003	2-SPM-079A-2-3	C-H	C7.70	03/25/95
2-CC-004	2-SPM-079A-3-3	C-H	C7.70	03/25/95
2-CC-005	2-SPM-079A-4-3	C-H	C7.70	03/25/95
2-CC-007	2-SPM-079A-1-4	C-H	C7.70	03/25/95
2-CH-001	2-SPM-095B-1-3	C-H	C7.70	03/25/95
2-CH-002	2-SPM-095A-2-2	C-H	C7.70	03/25/95
	2-SPM-095C-1-1	B-P	B15.50	03/25/95
	2-SPM-095C-1-1	B-P	B15.70	03/25/95
	2-SPM-095C-1-1	C-H	C7.30	03/25/95
	2-SPM-095C-1-1	C-H	C7.70	03/25/95
	2-SPM-095C-1-9	C-H	C7.70	03/25/95

ASME XI

Test No.	Test Zone	Category	Item No.	Examination Date
2-CH-004	2-SPM-095B-1-6	C-H	C7.70	03/25/95
	2-SPM-095C-1-10	C-H	C7.70	03/25/95
	2-SPM-095C-1-5	C-H	C7.70	03/25/95
	2-SPM-095C-2-2	C-H	C7.70	03/25/95
	2-SPM-095C-2-6	B-P	B15.60	03/25/95
	2-SPM-095C-2-8	C-H	C7.70	03/25/95
2-CH-005	2-SPM-093A-1-3	B-P	B15.50	03/25/95
	2-SPM-093A-1-3	B-P	B15.70	03/25/95
	2-SPM-093A-2-3	B-P	B15.50	03/25/95
	2-SPM-093A-2-3	B-P	B15.70	03/25/95
	2-SPM-093A-3-4	B-P	B15.50	03/25/95
	2-SPM-093A-3-4	B-P	B15.70	03/25/95
	2-SPM-095C-1-4	B-P	B15.50	03/25/95
	2-SPM-095C-1-4	B-P	B15.70	03/25/95
2-CH-006	2-SPM-095C-2-3	B-P	B15.70	03/25/95
	2-SPM-095C-2-4	B-P	B15.70	03/25/95
	2-SPM-095C-2-7	C-H	C7.70	03/25/95
2-CV-001	2-SPM-092A-2-1	C-H	C7.70	03/28/95
	2-SPM-106A-4-4	C-H	C7.70	03/28/95
	2-SPM-106A-4-5	C-H	C7.70	03/28/95
2-CV-002	2-SPM-092A-2-2	C-H	C7.70	03/28/95
	2-SPM-106A-4-3	C-H	C7.70	03/28/95
	2-SPM-106A-4-6	C-H	C7.70	03/28/95
2-CV-003	2-SPM-092A-2-3	C-H	C7.70	03/28/95
2-DA-001	2-SPM-090A-3-1	C-H	C7.70	03/28/95
	2-SPM-090B-1-1	C-H	C7.70	03/28/95
2-DA-002	2-SPM-090A-1-2	C-H	C7.70	03/26/95
2-DA-003	2-SPM-090A-1-1	C-H	C7.70	03/26/95
2-DA-005	2-SPM-090A-3-2	C-H	C7.70	03/31/95
2-FW-001	2-SPM-074A-1-1	C-H	C7.10	03/25/95
	2-SPM-074A-1-1	C-H	C7.30	03/25/95
	2-SPM-074A-1-1	C-H	C7.70	03/25/95
	2-SPM-089A-3-1	C-H	C7.30	03/25/95
	2-SPM-089A-3-1	C-H	C7.70	03/25/95
	2-SPM-102A-2-1	C-H	C7.30	03/25/95
	2-SPM-102A-2-1	C-H	C7.70	03/25/95
	2-SPM-102A-2-4	C-H	C7.70	03/25/95
	2-SPM-102B-1-1	C-H	C7.30	03/25/95
	2-SPM-102B-1-1	C-H	C7.70	03/25/95
2-FW-002	2-SPM-074A-1-2	C-H	C7.10	03/25/95
	2-SPM-074A-1-2	C-H	C7.30	03/25/95
	2-SPM-074A-1-2	C-H	C7.70	03/25/95
	2-SPM-089A-3-2	C-H	C7.30	03/25/95
	2-SPM-089A-3-2	C-H	C7.70	03/25/95
	2-SPM-102A-2-2	C-H	C7.30	03/25/95
	2-SPM-102A-2-2	C-H	C7.70	03/25/95
	2-SPM-102A-2-5	C-H	C7.70	03/25/95
	2-SPM-102B-1-2	C-H	C7.30	03/25/95
	2-SPM-102B-1-2	C-H	C7.70	03/25/95
2-FW-003	2-SPM-074A-1-3	C-H	C7.10	03/25/95
	2-SPM-074A-1-3	C-H	C7.30	03/25/95
	2-SPM-074A-1-3	C-H	C7.70	03/25/95
	2-SPM-089A-3-3	C-H	C7.30	03/25/95

Test No.	Test Zone	ASME XI		Examination Date
		Category	Item No.	
2-FW-003	Continued			
	2-SPM-089A-3-3	C-H	C7.70	03/25/95
	2-SPM-102A-2-3	C-H	C7.30	03/25/95
	2-SPM-102A-2-3	C-H	C7.70	03/25/95
	2-SPM-102A-2-6	C-H	C7.70	03/25/95
	2-SPM-102B-1-3	C-H	C7.30	03/25/95
	2-SPM-102B-1-3	C-H	C7.70	03/25/95
2-HC-001				
	2-SPM-106A-1-4	C-H	C7.70	03/28/95
2-HC-002				
	2-SPM-106A-1-1	C-H	C7.70	03/29/95
	2-SPM-106A-1-5	C-H	C7.70	03/29/95
2-HC-003				
	2-SPM-106A-2-4	C-H	C7.70	03/29/95
2-HC-004				
	2-SPM-106A-2-1	C-H	C7.70	03/29/95
	2-SPM-106A-2-3	C-H	C7.70	03/29/95
2-HC-005				
	2-SPM-106A-3-2	C-H	C7.70	03/29/95
2-HV-001				
	2-SPB-006A-2-1	C-H	C7.70	03/25/95
2-HV-002				
	2-SPB-006A-2-2	C-H	C7.70	03/25/95
2-LM-001				
	2-SPM-092A-1-1	C-H	C7.70	03/28/95
	2-SPM-092A-1-2	C-H	C7.70	03/28/95
2-MS-001				
	2-SPM-070B-1-1	C-H	C7.70	03/25/95
	2-SPM-070B-2-1	C-H	C7.70	03/25/95
	2-SPM-070B-3-1	C-H	C7.70	03/25/95
2-MS-002				
	2-SPM-070B-2-2	C-H	C7.30	03/25/95
	2-SPM-070B-2-2	C-H	C7.70	03/25/95
2-MS-003				
	2-SPM-070B-3-2	C-H	C7.30	03/25/95
	2-SPM-070B-3-2	C-H	C7.70	03/25/95
2-MS-004				
	2-SPM-070B-1-2	C-H	C7.30	02/20/95
	2-SPM-070B-1-2	C-H	C7.70	02/20/95
	2-SPM-070B-2-3	C-H	C7.30	02/20/95
	2-SPM-070B-2-3	C-H	C7.70	02/20/95
	2-SPM-070B-3-3	C-H	C7.30	02/20/95
	2-SPM-070B-3-3	C-H	C7.70	02/20/95
2-RC-001				
	2-SPM-089B-1-1	B-P	B15.50	05/30/95
	2-SPM-089B-1-2	B-P	B15.50	05/30/95
	2-SPM-090A-3-4	B-P	B15.50	05/30/95
	2-SPM-090A-3-5	B-P	B15.50	05/30/95
	2-SPM-093A-1-1	B-P	B15.30	05/30/95
	2-SPM-093A-1-1	B-P	B15.50	05/30/95
	2-SPM-093A-1-1	B-P	B15.60	05/30/95
	2-SPM-093A-1-1	B-P	B15.70	05/30/95
	2-SPM-093A-1-2	B-P	B15.70	05/30/95
	2-SPM-093A-2-1	B-P	B15.30	05/30/95
	2-SPM-093A-2-1	B-P	B15.50	05/30/95
	2-SPM-093A-2-1	B-P	B15.60	05/30/95
	2-SPM-093A-2-1	B-P	B15.70	05/30/95
	2-SPM-093A-2-2	B-P	B15.70	05/30/95
	2-SPM-093A-3-1	B-P	B15.30	05/30/95
	2-SPM-093A-3-1	B-P	B15.50	05/30/95
	2-SPM-093A-3-1	B-P	B15.60	05/30/95
	2-SPM-093A-3-1	B-P	B15.70	05/30/95
	2-SPM-093A-3-2	B-P	B15.70	05/30/95
	2-SPM-093A-3-3	B-P	B15.70	05/30/95
	2-SPM-093B-1-1	B-P	B15.20	05/30/95
	2-SPM-093B-1-1	B-P	B15.50	05/30/95

ASME XI

Test No.	Test Zone	Category	Item No.	Examination Date	
2-RC-001	Continued				
	2-SPM-093B-1-1	B-P	B15.70	05/30/95	
	2-SPM-093B-1-2	B-P	B15.70	05/30/95	
	2-SPM-093B-1-3	B-P	B15.70	05/30/95	
	2-SPM-093B-1-4	B-P	B15.70	05/30/95	
	2-SPM-093D-1-1	B-P	B15.50	05/30/95	
	2-SPM-093D-1-1	B-P	B15.70	05/30/95	
	2-SPM-093D-2-1	B-P	B15.70	05/30/95	
	2-SPM-094A-1-1	B-P	B15.50	05/30/95	
	2-SPM-094A-1-1	B-P	B15.70	05/30/95	
	2-SPM-094A-2-1	B-P	B15.70	05/30/95	
	2-SPM-094A-2-2	B-P	B15.70	05/30/95	
	2-SPM-095C-1-2	B-P	B15.50	05/30/95	
	2-SPM-095C-1-2	B-P	B15.70	05/30/95	
	2-SPM-096B-1-1	B-P	B15.50	05/30/95	
	2-SPM-096B-1-1	B-P	B15.70	05/30/95	
	2-SPM-096B-1-3	B-P	B15.70	05/30/95	
	2-SPM-096B-1-3	C-H	C7.30	05/30/95	
	2-SPM-096B-1-3	C-H	C7.70	05/30/95	
	2-SPM-096B-2-1	B-P	B15.50	05/30/95	
	2-SPM-096B-2-1	B-P	B15.70	05/30/95	
	2-SPM-096B-2-3	B-P	B15.70	05/30/95	
	2-SPM-096B-2-3	C-H	C7.30	05/30/95	
	2-SPM-096B-2-3	C-H	C7.70	05/30/95	
	2-SPM-096B-3-1	B-P	B15.50	05/30/95	
	2-SPM-096B-3-1	B-P	B15.70	05/30/95	
	2-SPM-096B-3-3	B-P	B15.70	05/30/95	
	2-SPM-096B-3-3	C-H	C7.30	05/30/95	
	2-SPM-096B-3-3	C-H	C7.70	05/30/95	
	2-SPM-096B-4-1	B-P	B15.50	05/30/95	
	2-SPM-096B-4-1	B-P	B15.70	05/30/95	
2-RC-002					
	2-SPM-093B-2-1	C-H	C7.70	03/30/95	
2-RH-001					
	2-SPM-089B-1-3	C-H	C7.30	03/30/95	
	2-SPM-094A-1-2	C-H	C7.30	03/30/95	
	2-SPM-094A-1-2	C-H	C7.50	03/30/95	
	2-SPM-094A-1-2	C-H	C7.70	03/30/95	
	2-SPM-094A-1-3	C-H	C7.70	03/30/95	
	2-SPM-094A-1-4	C-H	C7.70	03/30/95	
	2-SPM-094A-2-4	C-H	C7.70	03/30/95	
	2-SPM-094A-2-6	C-H	C7.70	03/30/95	
	2-SPM-095C-1-7	C-H	C7.70	03/30/95	
2-RH-002					
	2-SPM-094A-2-5	C-H	C7.30	03/30/95	
	2-SPM-094A-2-5	C-H	C7.70	03/30/95	
2-RS-001					
	2-SPM-091A-3-3	C-H	C7.50	04/07/95	
	2-SPM-091A-3-3	C-H	C7.70	04/07/95	
2-RS-002					
	2-SPM-091A-3-2	C-H	C7.70	04/07/95	
2-RS-007					
	2-SPM-091A-4-5	C-H	C7.30	04/07/95	Changed item number from C7.40
	2-SPM-091A-4-5	C-H	C7.70	04/07/95	
	2-SPM-091B-1-6	C-H	C7.70	04/07/95	
2-SI-001					
	2-SPM-096B-1-2	C-H	C7.10	03/25/95	
	2-SPM-096B-1-2	C-H	C7.30	03/25/95	
	2-SPM-096B-1-2	C-H	C7.70	03/25/95	
2-SI-002					
	2-SPM-096B-2-2	C-H	C7.10	03/25/95	
	2-SPM-096B-2-2	C-H	C7.30	03/25/95	
	2-SPM-096B-2-2	C-H	C7.70	03/25/95	

Test No.	Test Zone	ASME XI		Examination Date
		Category	Item No.	
2-SI-003	2-SPM-096B-3-2	C-H	C7.30	03/25/95
	2-SPM-096B-3-2	C-H	C7.70	03/25/95
2-SI-005	2-SPM-096B-1-5	C-H	C7.70	03/30/95
2-SI-006	2-SPM-096A-1-4	C-H	C7.30	04/07/95
2-SI-007	2-SPM-096A-1-5	C-H	C7.70	03/26/95
	2-SPM-096B-1-6	C-H	C7.70	03/26/95
2-SI-008	2-SPM-096A-2-9	C-H	C7.70	03/26/95
	2-SPM-096B-1-7	C-H	C7.70	03/26/95
2-SI-009	2-SPM-096A-1-1	C-H	C7.50	05/24/95
	2-SPM-096A-1-1	C-H	C7.70	05/24/95
	2-SPM-096A-2-1	C-H	C7.70	05/24/95
	2-SPM-096A-2-4	C-H	C7.30	05/24/95
	2-SPM-096A-2-4	C-H	C7.70	05/24/95
	2-SPM-096A-2-5	C-H	C7.70	05/24/95
2-SI-010	2-SPM-088A-1-6	C-H	C7.30	05/24/95
	2-SPM-088A-1-6	C-H	C7.70	05/24/95
	2-SPM-091A-1-1	C-H	C7.70	05/24/95
	2-SPM-095B-2-7	C-H	C7.70	05/24/95
	2-SPM-095B-2-8	C-H	C7.70	05/24/95
	2-SPM-096A-1-2	C-H	C7.50	05/24/95
	2-SPM-096A-1-2	C-H	C7.70	05/24/95
	2-SPM-096A-1-3	C-H	C7.70	05/24/95
	2-SPM-096A-2-10	C-H	C7.70	05/24/95
	2-SPM-096A-2-2	C-H	C7.70	05/24/95
2-SI-011	2-SPM-096A-3-1	C-H	C7.10	05/24/95
	2-SPM-096A-3-1	C-H	C7.30	05/24/95
	2-SPM-096A-3-1	C-H	C7.70	05/24/95
	2-SPM-096B-4-5	B-P	B15.70	05/24/95
	2-SPM-096B-4-5	C-H	C7.30	05/24/95
	2-SPM-096B-4-5	C-H	C7.70	05/24/95
	2-SPM-096B-4-8	C-H	C7.70	05/24/95
2-SI-012	2-SPM-096B-4-6	C-H	C7.70	05/24/95
2-SI-013	2-SPM-096B-4-9	C-H	C7.70	05/24/95
2-SI-014	2-SPM-096A-3-2	C-H	C7.70	05/24/95
	2-SPM-096B-4-7	B-P	B15.70	05/24/95
	2-SPM-096B-4-7	C-H	C7.30	05/24/95
	2-SPM-096B-4-7	C-H	C7.70	05/24/95
2-SI-015	2-SPM-096A-2-6	C-H	C7.70	05/24/95
	2-SPM-096A-4-2	C-H	C7.70	05/24/95
2-SI-016	2-SPM-096A-2-7	C-H	C7.70	05/24/95
	2-SPM-096B-4-3	C-H	C7.70	05/24/95
2-SI-017	2-SPM-096A-2-8	C-H	C7.70	05/24/95
	2-SPM-096B-4-4	C-H	C7.70	05/24/95
2-VP-001	2-SPM-072A-2-1	C-H	C7.70	03/30/95

Changed item number from C7.40

- 2-PT-48 Visual Inspection of ASME Class 1 Pressure Boundary Components. The examinations were completed on 9/10/96. The following is a summary of the reportable indications and corrective actions.
- 2-RC-MOV-2593 Packing leak. The packing was adjusted under Work Order 350641-01.
 - 2-RC-HCV-2557A Packing leak. The packing was adjusted under Work Order 350537-01.
 - 2-RC-HCV-2556A Boric acid crystals at the body to bonnet interface. The bonnet studs were examined and found to be acceptable. The body to bonnet gasket was replace under Work Order 350536-01.
 - 2-RH-MOV-2720B Boric acid crystals at the body to bonnet interface. The body to bonnet gasket and fasteners were replaced under Repair/Replacement Program 96-359, Work Order 351033-01.
 - 2-RH-MOV-2701 Packing leak. The packing was adjusted under Work Order 329184-02.
- 2-PT-48.1 Visual Inspection of ASME Class 2 Pressure Boundary Components Inside Reactor Containment. The examinations were completed on 9/10/96. The following is a summary of the reportable indications and corrective actions.
- 2-RH-8 Boric acid crystals at the body to bonnet interface. The studs and nuts were removed, cleaned, examined and found to be acceptable, and reinstalled with a new gasket under Work Order 350625-03.
 - 2-RH-19 Boric acid crystals at the body to bonnet interface. The studs and nuts were removed, cleaned, examined and found to be acceptable, and reinstalled with a new gasket under Work Order 350625-04.
 - 2-RH-24 Boric acid crystals at the body to bonnet interface. The studs and nuts were removed, cleaned, examined and found to be acceptable, and reinstalled with a new gasket under Work Order 350625-01.
 - 2-RH-30 Boric acid crystals at the body to bonnet interface. The studs and nuts were removed, cleaned, examined and found to be acceptable, and reinstalled with a new gasket under Work Order 350625-02.

2-PT-48.1 Continued

2-RH-31 Packing leak. The packing was adjusted under Work Order 350542-03.

2-RH-HCV-2758 Packing leak. The packing was replaced under Work Order 350849-01.

2-CH-RV-2382A Boric acid build up on the adjustment screw. The valve was rebuilt under Work Order WO 348503-02.

Snubber Replacements

Small Bore Snubber Testing

A total of 93 small bore snubbers were replaced as part of the Tech. Spec. Functional test program. Out of the 93 small bore snubbers tested there were no functional test failures.

Due to functional test failures in previous refueling outages, two snubbers had to be removed for retest. Out of the two snubbers tested there were no functional test failures.

Due to a visual discrepancy on 2-FW-HSS-205 (the fluid reservoir was empty due to a crack), this small bore snubber was removed for functional testing to prove operability. This snubber successfully passed functional testing.

Small bore snubber removal and installation for the Tech. Spec. Functional testing and the visual inspection programs are considered maintenance activities and not ASME Section XI repairs and replacements. The ANII was not involved in the review of this work.

Large Bore Snubber Testing

Large bore snubbers, 2-RC-HSS-1A and 2-RC-HSS-11A, were tested in-place using an API Machine as part of the Tech. Spec. Functional test program. A functional failure occurred on the first snubber tested, 2-RC-HSS-11A. The snubber failed to lock-up in either direction. Snubber 2-RC-HSS-1A was tested and failed due to no lock-up in compression. The snubber was tested again and did pass but would not maintain oil pressure after the test. Snubber 2-RC-HSS-11A was removed and bench tested and failed to lockup in the tension direction. This snubber was classified as functional failure and it was conservatively assumed that the problem was a manufacturing or design defect, thus the remaining ten large bore snubbers and six spares were functionally tested. The results of the functional testing is summarized below in the order of testing. All testing was performed using the API Machine except were noted:

1. 2-RC-HSS-11A - Failed to lock-up in either direction on the API Machine. Lockup was achieved in the compression direction when bench tested but failed to achieve lock-up in the tension direction. Snubber was replaced with a spare under Repair/Replacement Program 96-374.

2. 2-RC-HSS-1A - Failed to lock-up in the compression direction. The snubber was retested one day later and the compression activation test achieved lock-up based on the ability to achieve bleed rate but flow drop-off was not evident in the trace. The piston seal leaked excessively when the snubber was repressurized. Snubber was replaced with a spare under Repair/Replacement Program 96-387.
3. 2-RC-HSS-3A - Failed to achieve an acceptable bleed rate in the compression direction until the third test. Snubber was replaced under Repair/Replacement Program 96-391.
4. Spare 1000 Kip snubber serial number 4 - Failed to achieve an acceptable lock-up in compression.
5. 2-RC-HSS-10C - Passed all functional test criteria.
6. Spare 1900 Kip snubber serial number 6 - Passed all functional test criteria. Snubber was installed in location 2-RC-HSS-1A under Repair/Replacement Program 96-387.
7. Spare 1000 Kip snubber serial number 10 Passed all functional test criteria. Snubber was installed in location 2-RC-HSS-11A under Repair/Replacement Program 96-374.
8. 2-RC-HSS-3C - The snubber was found to be depressurized. The pressure loss was determined to be through the fittings since there was no fluid loss. The snubber passed all functional test criteria.
9. 2-RC-HSS-11C - Passed all functional test criteria.
10. 2-RC-HSS-1C - Failed to achieve lock-up in the compression direction. Snubber was replaced under Repair/Replacement Program 96-421 Rev. 1.
11. 2-RC-HSS-10B - Passed all functional test criteria.
12. 2-RC-HSS-1B - Passed all functional test criteria.
13. 2-RC-HSS-11B - Passed all functional test criteria.
14. 2-RC-HSS-3B - Passed all functional test criteria.
15. 2-RC-HSS-10A - Passed all functional test criteria.
16. Spare 1900 Kip snubber serial number 9 - Passed all functional test criteria. Snubber was installed in location 2-RC-HSS-3A under Repair/Replacement Program 96-391.
17. Spare 1900 Kip snubber serial number 5 - Passed all functional test criteria. Snubber was installed in location 2-RC-HSS-1C under Repair/Replacement Program 96-421 Rev. 1.
18. Spare 1000 Kip snubber serial number 9 - Failed to meet lock-up acceptance criteria in both directions.

The failed snubber from 2-RC-HSS-11A was removed and disassembled. Metal shavings were found under the valve, piston ports, and in 7 out of the 16 valve springs. The shavings were analyzed by a semi-quantitative elemental analysis (by energy dispersive spectroscopy, EDS). This analysis indicated that the shaving material was consistent with stainless 15-5PH, which is the same grade of stainless steel used in the snubber. The aluminum/bronze valve seating surface had indications where the valve attempted to close and crushed the stainless shavings into the seating surface. It is presumed that this material may have been trapped under the valve since construction based on the size and shape. The shavings most likely were left from drilling the tapped shallow holes for the 16 springs. It was also noted that the thermal compensator (made of Hytrel manufactured by DuPont) was loose fitting around the ring. The thermal compensator adjusts the valve

setting for various temperatures such that the lock-up rate remains constant. A representative from Taylor Devices, Inc. contacted an engineer from DuPont who confirmed this material can swell 1% but the material reported stabilizes. The swelling is obviously caused by oil submersion due to the fact that a spare that has never been in service had the same condition.

The failed snubber from 2-RC-HSS-1A was removed and disassembled. A metal shaving was found in 1 of the 16 springs. The piston seals were found to be damaged which explains the leak when the snubber was repressurized. This type of seal damage most likely occurred during the in-place functional testing based on the fact that the snubber was found fully pressurized and did not begin to leak until after the testing.

The failed snubber from 2-RC-HSS-3A was removed and disassembled. A very small piece of metal was found adjacent to the tension side area of the piston, adjacent to the tension valve. The valve face had minor indications.

Spare 1000 Kip snubber serial number 4 was disassembled. A single fragment of stainless steel was found embedded in one of the valves. There was no other evidence of foreign material in this snubber although there were a couple of small indications in the valve face. A seal rebuild report on this snubber from October 1991 reported that "metal shavings and chips were found on the interior walls of the cylinder and the cap nut-to-cylinder interface" and that "red adhesive tape and small particles were found embedded in the guide ring wiper and metal guide ring on the front (rod end) cylinder cap". It is likely that the fragment embedded in the valve face occurred prior to the rebuild and not during this round of testing.

The failed snubber from 2-RC-HSS-1C was removed and disassembled. No foreign material was found in this snubber.

Spare 1000 Kip snubber serial number 9 was disassembled. The tension face had two small indications in the valve and metal shavings were found stuck in three of the eight springs. The compression face had five indications in the valve face and no shavings were found in the springs or on this side of the piston. A small piece of metal was found embedded in the guide ring.

The stainless steel shavings found in snubber 2-RC-HSS-11A were determined to be left from the manufacturing process. Other snubbers also had small metal shavings. All installed snubbers had an acceptable as-left functional test. Virginia Electric and Power Company is assessing plans to replace all large bore snubber during the next refueling outage with a different design.

ATTACHMENT 2

**1996 UNIT 2 REFUELING OUTAGE
INSERVICE INSPECTION SUMMARY REPORT**

OWNER'S REPORT OF REPAIRS AND REPLACEMENTS

**NORTH ANNA POWER STATION - UNIT 2
P.O. BOX 402
MINERAL, VA 23117**

COMMERCIAL SERVICE DATE 12-14-80

**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, 1986 Edition.

The following paragraphs and the attached NIS-2 Forms (Attachment 2, pages 6 through 68) represent those repairs and replacements performed on Class 1 or Class 2 systems:

- 96-175 - Replaced charging pump head assembly and associated bolting on 2-CH-P-1A in accordance with Design Change Package 95-216, Class 2 (Work Order 339337-01). The replacement was completed on 8/27/96.
- 96-181 - Replaced one stud and two nuts on pressurizer safety valve 2-RC-SV-2551B inlet flange, Class 1 (Work Order 327415-01). The replacement was completed on 9/22/96.
- 96-184 - Replaced four studs and eight nuts on the inlet flange bolting on 2-MS-SV-201B, Class 2, (Work Order 327374-02). The replacement was completed on 9/24/96.
- 96-185 - Replaced three studs and six nuts on the inlet flange bolting on 2-MS-SV-201C, Class 2, (Work Order 327375-02). The replacement was completed on 9/24/96.
- 96-187 - Replaced two studs and four nuts on the inlet flange bolting on 2-MS-SV-202B, Class 2, (Work Order 327377-02). The replacement was completed on 9/24/96.
- 96-188 - Replaced two studs and four nuts on the inlet flange bolting on 2-MS-SV-202C, Class 2, (Work Order 327378-02). The replacement was completed on 9/23/96.
- 96-191 - Replaced two studs and four nuts on the inlet flange bolting on 2-MS-SV-203C, Class 2, (Work Order 327381-02). The replacement was completed on 9/23/96.
- 96-193 - Replaced one stud and two nuts on the inlet flange bolting on 2-MS-SV-204B, Class 2, (Work Order 327383-02). The replacement was completed on 9/24/96.
- 96-196 - Replaced two studs and four nuts on the inlet flange bolting on 2-MS-SV-205B, Class 2, (Work Order 327386-02). The replacement was completed on 9/24/96.
- 96-197 - Replaced four studs and eight nuts on the inlet flange bolting on 2-MS-SV-205C, Class 2, (Work Order 327387-02). The replacement was completed on 9/23/96.

- 96-205 - Replaced manway diaphragm and manway on refueling water storage tank 2-QS-TK-1, Class 2, (Work Order 338814-01). The replacement was completed on 9/23/96.
- 96-206 - Replaced manway diaphragm on recirc. spray tank 2-RS-TK-1, Class 2, (Work Order 338814-02). The replacement was completed on 9/23/96.
- 96-252 - Replace body to bonnet studs and nuts on 2-SI-1, Class 2, (Work Order 340565-01). The replacement was completed on 9/19/96.
- 96-282 - Replaced body to bonnet studs and nuts on 2-MS-PCV-201A, Class 2, (Work Order 345916-01). The replacement was completed on 8/8/96.
- 96-288 - Replaced reducing couplings and pipe caps on 2-SI-LT-2920, 2992, 2924, 2926, 2928, and 2930 in accordance with Design Change Package 94-017, Class 2 (Work Orders 339831-01, 339833-01, and 339834-01). The replacement was completed on 9/22/96.
- 96-289 - Replaced one handhole bolt on 2-RC-E-1A, Class 2, (Work Order 339464-02). The replacement was completed on 9/12/96.
- 96-292 - Replaced two primary manway studs on 2-RC-E-1B, Class 1, (Work Order 339223-03). The replacement was completed on 9/16/96.
- 96-294 - Modified existing pipe support for 2-SI-HSS-808 for 1/2" and 1" leakoff lines in accordance with Design Change Package 94-102, Class 2, (Work Order 347464-01). The replacement was completed on 9/10/96.
- 96-295 - Modified existing pipe support for 2-RS-R-608 for 1/2" and 1" leakoff lines in accordance with Design Change Package 94-102, Class 2, (Work Order 347464-02). The replacement was completed on 9/10/96.
- 96-316 - Replaced bolting on 2-QS-TE-200B, Class 2, (Work Order 341174-19). The replacement was completed on 9/17/96.
- 96-321 - Replaced the body to bonnet studs and nuts on 2-RC-HCV-2556C, Class 1, (Work Order 350604-01). The replacement was completed on 9/20/96.
- 96-330 - Replaced the body to bonnet studs and nuts on 2-QS-TE-200A, Class 2, (Work Order 341174-18). The replacement was completed on 9/18/96.
- 96-331 - Removed and reinstalled 2-FW-62 after seat repair, Class 2, (Work Rev. 2 Order 350519-04). The replacement was completed on 10/14/96.

- 96-336 - Repaired a 3/4" indication on 3/4" pipe connecting 2-RC-203 found during an augmented inspection, Class 1, (Work Order 350956-01). The repair was complete on 9/16/96.
- 96-337 - Replaced the body to bonnet bolting on 2-QS-43, Class 2, (Work Order 341174-13). The replacement was completed on 9/17/96.
- 96-339 - Replaced the body to bonnet bolting on 2-QS-68, Class 2, (Work Order 341174-12). The replacement was completed on 9/17/96.
- 96-352 - Replaced the body to bonnet bolting on 2-QS-37, Class 2, (Work Order 351036-01). The replacement was completed on 9/18/96.
- 96-353 - Replaced valve body to bonnet bolting on 2-QS-40, Class 2, (Work Order 351037-01). The replacement was completed on 9/18/96.
- 96-357 - Machined gasket seating surface on 2-FW-62 to allow proper seating of disk, Class 2, (Work Order 350519-01). The repair was completed on 9/18/96.
- 96-358 - Repaired valve seat to restore design dimensions for 2-MS-SV-203B, Class 2, (Work Order 327380-01). The repair was completed on 9/17/96.
- 96-359 - Replaced the body to bonnet bolting on 2-RH-MOV-2720B, Class 1, (Work Order 351033-01). The replacement was completed on 9/19/96.
- 96-360 - Replaced the body to bonnet bolting on 2-CC-302, Class 2, (Work Order 350962-01). The replacement was completed on 9/23/96.
- 96-361 - Replaced the body to bonnet bolting on 2-CC-289, Class 2, (Work Order 350963-01). The replacement was completed on 9/27/96.
- 96-362 - Replaced the body to bonnet bolting on 2-CC-276, Class 2, (Work Order 350961-01). The replacement was completed on 9/27/96.
- 96-363 - Machined gasket seating surface on 2-FW-94 to allow proper seating of disk, Class 2, (Work Order 350524-01). The repair was completed on 9/19/96.
- 96-364 - Removed and reinstalled 2-FW-126 after seat repair, Class 2, Rev. 1 (Work Order 350824-01). The replacement was completed on 9/26/96.
- 96-365 - Removed and reinstalled 2-FW-126 after seat repair, Class 2, Rev. 1 (Work Order 350824-01). The replacement was completed on 9/26/96.
- 96-370 - Machined gasket seating surface on 2-FW-126 to allow proper seating of disk, Class 2, (Work Order 350824-01). The repair was completed on 9/19/96.

- 96-372 - Replace body to bonnet nuts on 2-SI-MOV-2867D, Class 2, (Work Order 351217-02), The replacement was completed on 9/20/96.
- 96-373 - Performed weld buildup on outside of valve body of 2-FW-62, Class Rev. 1 2, (Work Order 350519-06). The repair was completed on 10/2/96.
- 96-374 - Replace large bore snubber, 2-RC-HSS-011A, and one cap screw, Class 1, (Work Order 351094-01). The replacement was completed on 9/22/96.
- 96-378 - Performed weld buildup on outside of valve body of 2-FW-94, Class Rev. 1 2, (Work Order 350524-05). The repair was completed on 9/22/96.
- 96-379 - Performed weld buildup on outside of valve body of 2-FW-126, Class 2, (Work Order 350824-04). The repair was completed on 10/2/96.
- 96-380 - Installed alignment lugs on adjacent piping, 16"-FW-424-601-Q2, Rev. 2 to aid in the installation of check valve, 2-FW-62, Class 2, (Work Order 350519-07). Lugs were removed after installation. The replacement was completed on 9/23/96.
- 96-381 - Installed alignment lugs on adjacent piping, 16"-FW-423-601-Q2, Rev. 2 to aid in the installation of check valve, 2-FW-94, Class 2, (Work Order 350524-06). Lugs were removed after installation. The replacement was completed on 9/23/96.
- 96-382 - Installed alignment lugs on adjacent piping, 16"-FW-422-601-Q2, Rev. 2 to aid in the installation of check valve, 2-FW-126, Class 2, (Work Order 350824-05). Lugs were removed after installation. The replacement was completed on 9/25/96.
- 96-383 - Replaced the body to bonnet studs on 2-CH-MOV-2286B, Class 2, (Work Order 323638-02). The replacement was completed on 9/19/96.
- 96-385 - Replaced valve, 2-CH-262, and repaired indications and gouges in Rev. 3 adjacent piping, Class 1, (Work Order 351260). The work was completed on 10/12/96.
- 96-387 - Replace large bore snubber, 2-RC-HSS-001A, Class 1, (Work Order 338732-02). The replacement was completed on 9/21/96.
- 96-391 - Replace large bore snubber, 2-RC-HSS-003A, Class 1, (Work Order 351110-03). The replacement was completed on 9/28/96.
- 96-395 - Installed bushing on load stud for snubber 2-RC-HSS-639.01, found missing during reinstallation from functional testing, Class 1, (Work Order 351458-01). The replacement was completed on 9/26/96.

- 96-396 - Installed bushing on load stud for snubber 2-RC-HSS-638.01, found missing during reinstallation from functional testing, Class 1, (Work Order 351459-01). The replacement was completed on 9/26/96.
- 96-397 - Installed bushing on load stud for snubber 2-RC-HSS-637.06, found missing during reinstallation from functional testing, Class 1, (Work Order 351460-01). The replacement was completed on 9/26/96.
- 96-398 - Installed bushing on load stud for snubber 2-RC-HSS-637.02, found missing during reinstallation from functional testing, Class 1, (Work Order 351461-01). The replacement was completed on 9/26/96.
- 96-399 - Performed weld buildup on inside of valve 2-FW-94 to allow
Rev. 1 machining without violating the minimum wall requirements, Class 2, (Work Order 350524-05). The repair was completed on 9/25/96.
- 96-421 - Replaced large bore snubber, 2-RC-HSS-001C, and one cap screw,
Rev. 1 Class 1, (Work Order 351737-01). The replacement was completed on 9/25/96.
- 96-423 - Replaced body to bonnet bolting on 2-SI-140, Class 2 (Work Order 350663-03). The replacement was completed on 9/28/96.
- 96-424 - Cut, removed, and reinstalled pipe support 2-SI-R-5 on 12050-WMKS-104C-2, to remove 2-SI-MOV-2862B, Class 2, (Work Order 351779-03). The replacement was completed on 10/1/96.
- 96-428 - Replaced body to bonnet bolting on 2-QS-MOV-202A, Class 2 (Work Order 350813-01). The replacement was completed on 9/30/96.
- 96-429 - Replaced body to bonnet bolting on 2-QS-MOV-202B, Class 2 (Work Order 350813-02). The replacement was completed on 9/26/96.
- 96-435 - Replaced body to bonnet bolting on 2-CH-MOV-2287B, Class 2 (Work Order 351748-01). The replacement was completed on 9/28/96.
- 96-445 - Removed excess metal from back and side of valve disc to prevent binding of 2-SI-119, Class 1, (Work Order 352438-01). The repair was completed on 10/4/96.
- 96-448 - Rebuilt valve, 2-CH-RV-2382B, and replaced valve disc and nozzle, Class 2, (Work Order 352487-05). The replacement was completed on 10/6/95.

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 8-30-96
Name
5000 Dominion Blvd., Glen Allen, VA 23060 Sheet 1 of 1
Address
2. Plant North Anna Power Station Unit 2
Name
P.O. Box 402, Mineral, VA 23117 R/R 96-175, W.O. 00339337-01, DCP 95-216
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 & Volume Control (CH)
Draft ASME Pump & Valve Code 1967
5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 91, 85(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

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 Head Assembly	Ingersoll-Dresser	Job No. NR60476	N/A	2-CH-P-1A	1996	Replacement	No
5/8" ϕ Hex Nut	Texas Bolt	Heat No. 056626J	N/A	2-CH-P-1A	1996	Replacement	No
1/4" ϕ Stud	Cardinal	Heat No. 8097296	N/A	2-CH-P-1A	1992	Replacement	No
5/8" ϕ All Thread	A&G Engr.	Heat No. 50035	N/A	2-CH-P-1A	1992	Replacement	No

7. Description of Work Repaired charging pump head assembly and associated bolting.

8. Tests Conducted: Hydraulic Pneumatic Nominal Operating Pressure
 Other Pressure 2500 psi Test Temp. 130 °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 S.P. Hamill, ISI Engineer Date August 30, 1996
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 3/31/96 to 8/27/96, 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 VARY I.N.A.
Inspector's Signature National Board, State, Province, and Endorsements

Date Sept. 7 1996

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 September 25, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-181 W.O. 327415-01
 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 Reactor Coolant

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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 Structural, 1 3/8" Dia.	Unknown	Unknown	N/A	2-RC-SV-2551B	Unk.	Replaced	No
Nut, 1 3/8" Dia.	Unknown	Unknown	N/A	2-RC-SV-2551B	Unk.	Replaced	No
Stud Structural, 1 3/8" Dia.	Mackson, Inc.	Heat No. 8098419	N/A	2-RC-SV-2551B	1996	Replacement	No
Nut, 1 3/8" Dia.	Mackson, Inc.	Heat No. 29329MY	N/A	2-RC-SV-2551B	1996	Replacement	No

7. Description of Work Replace one stud and two nuts - found to be unsat when relief valve was removed for testing.

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 1

Applicable Manufacturer's Data Reports to be attached

Performed ASME Section XI preservice VT-1

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 ISF Engineer
Owner of Owner's Designee, Title

Date September 25, 19 96

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.E.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 3/20/96 to 9/22/96, 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. Heas
Inspector's Signature

Commissions

V4424 E.N.P.
National Board, State, Province, and Endorsements

Date Sept 25 19 96

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 October 2, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060
 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117
 Address _____
 R/R 96-184 W.O. 327374-02
 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. _____
 Expiration Date _____

4. Identification of System Main Steam

5. (a) Applicable Construction Code ANSI 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 86

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 Structural, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-201B	Unk.	Replaced	No
Nut, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-201B	Unk.	Replaced	No
Stud Structural, 1 3/8" Dia.	Mackson, Inc.	Heat No. 8098419	N/A	2-MS-SV-201B	1996	Replacement	No
Nut, 1 3/8" Dia.	Nova Machine Products	Heat No. H2L	N/A	2-MS-SV-201B	1993	Replacement	No

7. Description of Work Replaced four studs and eight nuts on the inlet flange bolting after testing. Good maintenance practice.

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 Pat J. Knight IS Engineer Date October 2, 19 96
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 3/15/96 to 9/29/96, 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. Hove Commissions VARY I, N, A
Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 3 19 96

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 October 2, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-185 W.O. 327375-02
 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 _____

4. Identification of System Main Steam

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 7B, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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 Structural, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-201C	Unk.	Replaced	No
Nut, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-201C	Unk.	Replaced	No
Stud Structural, 1 3/8" Dia.	Mackson, Inc.	Heat No. 8098419	N/A	2-MS-SV-201C	1936	Replacement	No
Nut, 1 3/8" Dia.	Nova Machine Products	Heat No. H2L	N/A	2-MS-SV-201C	1993	Replacement	No

7. Description of Work Replaced three studs and six nuts on the inlet flange bolting after testing. Good maintenance practice.

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 J. Naughton ISE Engineer
Owner or Owner's Designee, Title

Date October 2, 19 96

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 3/10/96 to 7/24/96, 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. Hanc
Inspector's Signature

Commissions VABBY IMA
National Board, State, Province, and Endorsements

Date Oct 3 19 96

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 October 2, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-187 W.O. 327377-02
 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 ANSI 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 86

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 Structural, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-202B	Unk.	Replaced	No
Nut, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-202B	Unk.	Replaced	No
Stud Structural, 1 3/8" Dia.	Mackson, Inc.	Heat No. 8098419	N/A	2-MS-SV-202B	1996	Replacement	No
Nut, 1 3/8" Dia.	Nova Machine Products	Heat No. H2L	N/A	2-MS-SV-202B	1993	Replacement	No

7. Description of Work Replaced two studs and four nuts on the inlet flange bolting after testing. Good maintenance practice.

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 Patricia J. Moughtin ISI Engineer
Owner or Owner's Designee, Title

Date October 2, 19 96

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 & T of Hartford, CT have inspected the components described in this Owner's Report during the period 3/12/96 to 9/24/96, 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. Hill
Inspector's Signature

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

Date Oct 3, 19 96

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 October 2, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-188 W.O. 327378-02
 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 Address _____ Expiration Date _____
 Address _____

4. Identification of System Main Steam

5. (a) Applicable Construction Code ANSI 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 86

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 Structural, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-202C	Unk.	Replaced	No
Nut, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-202C	Unk.	Replaced	No
Stud Structural, 1 3/8" Dia.	Mackson, Inc.	Heat No. 8098419	N/A	2-MS-SV-202C	1996	Replacement	No
Nut, 1 3/8" Dia.	Nova Machine Products	Heat No. H2L	N/A	2-MS-SV-202C	1993	Replacement	No

7. Description of Work Replaced two studs and four nuts on the inlet flange bolting after testing. Good maintenance practice.

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 Patricia J. Skemp ISI Engineer Date October 2, 19 96
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 3/12/96 to 9/23/96, 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 Commissions VARY IMA
Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 3 19 96

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 October 2, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060
 Address _____
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117
 Address _____
 R/R 96-191 W.O. 327381-02
 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 Main Steam
5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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 Structural, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-203C	Unk.	Replaced	No
Nut, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-203C	Unk.	Replaced	No
Stud Structural, 1 3/8" Dia.	Mackson, Inc.	Heat No. 8098419	N/A	2-MS-SV-203C	1996	Replacement	No
Nut, 1 3/8" Dia.	Nova Machine Products	Heat No. H2L	N/A	2-MS-SV-203C	1993	Replacement	No

7. Description of Work Replaced two studs and four nuts on the inlet flange bolting after testing. Good maintenance practice.
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

Pat J. Blawie ISI Engineer
Owner or Owner's Designee, Title

Date

October 2

19 96

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 3/12/96 to 9/23/96, 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. Grace
Inspector's Signature

Commissions

V424 INA
National Board, State, Province, and Endorsements

Date

Oct 3 19 96

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 October 2, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060
 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117
 Address _____
 R/R 96-193 W.O. 327383-02
 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 Main Steam

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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 Structural, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-204B	Unk.	Replaced	No
Nut, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-204B	Unk.	Replaced	No
Stud Structural, 1 3/8" Dia.	Mackson, Inc.	Heat No. 8098419	N/A	2-MS-SV-204B	1996	Replacement	No
Nut, 1 3/8" Dia.	Nova Machine Products	Heat No. H2L	N/A	2-MS-SV-204B	1993	Replacement	No

7. Description of Work Replaced one stud and two nuts on the inlet flange bolting after testing. Good maintenance practice.

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 J. Laughton ISI Engineer
Owner or Owner's Designee, Title

Date October 2, 19 96

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.E.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 3/12/96 to 9/24/96, 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. Tracy
Inspector's Signature

Commissions VARY IMA
National Board, State, Province, and Endorsements

Date Oct 3 19 96

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 October 2, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-196 W.O. 327386-02
 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. _____
 Expiration Date _____
4. Identification of System Main Steam
5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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 Structural, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-205B	Unk.	Replaced	No
Nut, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-205B	Unk.	Replaced	No
Stud Structural, 1 3/8" Dia.	Mackson, Inc.	Heat No. 8098419	N/A	2-MS-SV-205B	1996	Replacement	No
Nut, 1 3/8" Dia.	Nova Machine Products	Heat No. H2L	N/A	2-MS-SV-205B	1993	Replacement	No

7. Description of Work Replaced two studs and four nuts on the inlet flange bolting after testing. Good maintenance practice.

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 Pat Naughton ISIP Engineer
Owner or Owner's Designee, Title

Date October 2, 19 96

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.F.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 2/18/96 to 9/27/96, 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. Howe
Inspector's Signature

Commissions VA NY NY IN A
National Board, State, Province, and Endorsements

Date Oct 3, 19 96

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 October 2, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-197 W.O. 327387-02
 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 ANSI 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 86

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 Structural, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-205C	Unk.	Replaced	No
Nut, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-205C	Unk.	Replaced	No
Stud Structural, 1 3/8" Dia.	Mackson, Inc.	Heat No. 8098419	N/A	2-MS-SV-205C	1996	Replacement	No
Nut, 1 3/8" Dia.	Nova Machine Products	Heat No. H2L	N/A	2-MS-SV-205C	1993	Replacement	No

7. Description of Work Replaced four studs and eight nuts on the inlet flange bolting after testing. Good maintenance practice.

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 M. Naughton
Owner or Owner's Designee, Title

ISI Engineer

Date October 2, 19 96

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. D.I.E. of Asst. Gen. Sr have inspected the components described in this Owner's Report during the period 2/18/96 to 4/23/96, 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. Heath
Inspector's Signature

Commissions VA424 ENA
National Board, State, Province, and Endorsements

Date Oct 3, 19 96

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 September 25, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-205 W.O. 338814-01
 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 _____

4. Identification of System Quench Spray

5. (a) Applicable Construction Code NAS-191, API 650 19 N/A Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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)
Diaphragm, 1/8" Sheet	Unknown	Unknown	N/A	2-QS-TK-1	Unk.	Replaced	No
Manway, 3/4" Plate	Unknown	Unknown	N/A	2-QS-TK-1	Unk.	Replaced	No
Diaphragm, 1/8" Sheet	Energy Steel & Supply	Heat No. 1421661	N/A	2-QS-TK-1	1995	Replacement	No
Manway, 3/4" Plate	Energy Steel & Supply	Heat No. V30462	N/A	2-QS-TK-1	1995	Replacement	No

7. Description of Work Replaced manway and diaphragm

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure Atmospheric 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

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 ISI Engineer
Owner or Owner's Designee, Title

Date September 25, 19 96

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 3/21/96 to 7/23/96, 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. Stone
Inspector's Signature

Commissions V9424 I, N/A
National Board, State, Province, and Endorsements

Date Sept 26 19 96

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 September 25, 1996
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R 96-206 W.O. 338814-02
 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

5. (a) Applicable Construction Code NAS-191, API 650 19 N/A Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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)
Diaphragm, 1/8" Sheet	Unknown	Unknown	N/A	2-RS-TK-1	Unk.	Replaced	No
Diaphragm, 1/8" Sheet	Energy Steel & Supply	Heat No. 1421661	N/A	2-RS-TK-1	1995	Replacement	No

7. Description of Work Replaced manway ~~and~~ diaphragm - leakage around manway

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure Atmospheric 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

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 IAI Engineer
Owner or Owner's Designee, Title

Date September 25, 19 96

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.E.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 3/21/96 to 9/23/96, 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
Inspector's Signature

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

Date Sept 25 19 96

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 September 26, 1996
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R 96-252 W.O. 340565-01
 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 Safety Injection

5. (a) Applicable Construction Code ANSI 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 1986

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 Structural, 3/4" Dia.	Unknown	Unknown	N/A	2-SI-1	Unk.	Replaced	No
Nut, 3/4" Dia.	Unknown	Unknown	N/A	2-SI-1	Unk.	Replaced	No
Stud Structural, 3/4" Dia.	Mackson, Inc.	Heat No. 56678	N/A	2-SI-1	1996	Replacement	No
Nut, 3/4" Dia.	Mackson, Inc.	Heat No. 16409J1	N/A	2-SI-1	1996	Replacement	No

7. Description of Work Replace bolting - general corrosion

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 Patricia Wright ISI Engineer Date September 26, 19 96
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 6/2/96 to 4/19/96, 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 V4424 I.N.S.
Inspector's Signature National Board, State, Province, and Endorsements

Date Sept 26 19 96

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 8-15-96
Name
5000 Dominion Blvd, Glen Allen, VA 23060 Sheet 1 of 1
Address
2. Plant North Anna Power Station Unit 2
Name
P.O. Box 402, Mineral, VA 23117 R/R 96-282, W.O. 345916-01
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 Main Steam (MS)
5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 70, 81, 93(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 Edition

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. 55913	N/A	2-MS-PCV-201A	1994	Replacement	No
Nuts	Texas Bolt	Heat No. 14652IX	N/A	2-MS-PCV-201A	1994	Replacement	No

7. Description of Work Replaced body to bonnet bolting material.

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 S.P. Hamill, ISI Engineer Date August 15, 1996
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 5/5/96 to 8/8/96, 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. Hoo Commissions VA424 I, N, A
Inspector's Signature National Board, State, Province, and Endorsements

Date Aug. 15 1996

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 _____ Date October 2, 1996
5000 Dominion Blvd., Glen Allen, VA 23060 Address _____ Sheet 1 of 1

2. Plant North Anna Power Station Name _____ Unit 2
P.O. Box 402, Mineral, VA 23117 Address _____ W.O. 339834-01
 W.O. 339833-01
R/R 96-288, DCP 94-017 W.O. 339831-01
 Repair Organization P.O. No., Job No., etc.

3. Work Performed by Virginia Electric & Power Company Name _____ 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 Safety Injection

5. (a) Applicable Construction Code ANSI 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 1986

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)
S.S. Pipe, 2" Dia.	Tioga Pipe Supply Co.	Heat No. V20376	N/A	2-SI-LT-2920, 2992, 2924, 2926, 2928, 2930	1995	Replacement	No
2" x 1" Reducing Coupling	Dubose National Energy Services	Heat Code, ASA Heat No. A19471	N/A	2-SI-LT-2920, 2992, 2924, 2926, 2928, 2930	1996	Replacement	No
S.S. Pipe Cap 2" Dia.	Tioga Pipe Supply Co.	Heat Codes CWI, DBA, CMZ	N/A	2-SI-LT-2920, 2992, 2924, 2926, 2928, 2930	1995	Replacement	No

7. Description of Work Cut lines, installed reducing coupling and pipe caps to support installation of new level transmitters.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 680 psi Test Temp. Ambient °F
system leakage

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 PT examinations on replacement welds.

This R/R Program invokes the use of Code Case N-416-1.

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 Wrayth ISI Engineer Date October 3, 1996
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. Company of Hartford, CT

I have inspected the components described in this Owner's Report during the period 8/1/96 to 7/22/96, 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. Huc Commissions VA 424 5NA
Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 4, 1996

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 October 2, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-289 W.O. 339464-02
 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 ASME III 19 68 Edition, W68 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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)
Handhole Bolt, 1" Dia.	Vitco Nuclear Products	Heat No. M38507	N/A	2-RC-E-1A	1991	Replaced	No
Handhole Bolt, 1" Dia.	Vitco Nuclear Products	Heat No. M38507	N/A	2-RC-E-1A	1991	Replacement	No

7. Description of Work Replaced one handhole bolt - damaged during removal of handhole cover.

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 J. Naughton ISI Engineer
Owner or Owner's Designee, Title

Date October 2, 19 96

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors of the State or Province of Virginia and employed by N.S.P.E.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 5/12/96 to 7/12/96, 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. Fine
Inspector's Signature

Commissions VARY ENA
National Board, State, Province, and Endorsements

Date Oct 2, 19 96

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 September 27, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-292 W.O. 339223-03
 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 ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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)
Manway Stud, 1 7/8" Dia.	Unknown	Unknown	N/A	2-RC-E-1B Cold Leg	Unk.	Replaced	No
Manway Stud, 1 7/8" Dia.	Nova Machine Products	Heat No. 89559	N/A	2-RC-E-1B Cold Leg	1994	Replacement	No

7. Description of Work Replaced two primary manway studs - damaged during removal of manway.

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 1

Applicable Manufacturer's Data Reports to be attached

Performed ASME Section XI VT-1 preservice examination

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 Patrick J. Naughton ISI Engineer
Owner or Owner's Designee, Title

Date September 27, 19 96

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.D.I.E of Hartford, CT have inspected the components described in this Owner's Report during the period 5/19/96 to 8/16/96, 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. Hauer
Inspector's Signature

Commissions V4424 I, N, A
National Board, State, Province, and Endorsements

Date Sept 27, 19 96

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 September 27, 1996
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R 96-294 W.O. 347464-01 DCP 94-102
 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

5. (a) Applicable Construction Code ANSI 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 86

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 Support,	N/A	N/A	N/A	2-SI-HSS-808	Unk.	Replacement	No

7. Description of Work Modified existing support for 1/2" and 1" leakoff lines.

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

Performed ASME Section XI preservice VT-3

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
Owner or Owner's Designee, Title

ISI Engineer

Date September 27, 19 96

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.H. E.I.E. of Hartford, CT have inspected the components described in this Owner's Report during the period 8/15/96 to 9/10/96, 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. Hearn
Inspector's Signature

Commissions VARY I, N.A.
National Board, State, Province, and Endorsements

Date Sept 30, 19 96

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 September 27, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-295 W.O. 347464-02 DCP 94-102
 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 ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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 Support.	N/A	N/A	N/A	2-RS-R-608	Unk.	Replacement	No

7. Description of Work Modified existing support for 1/2" and 1" leakoff lines.

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

Performed ASME Section XI preservice VT-3

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 September 27, 19 96

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.U.I.C. of Hartford, CT have inspected the components described in this Owner's Report during the period 8/15/96 to 9/10/96, 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
Inspector's Signature

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

Date Sept 30 19 96

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 September 24, 1996
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 2
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R 96-316 W.O. 341174-19
 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
5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Cases
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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 Structural, 1/2" Dia.	Unknown	Unknown	N/A	2-QS-TE-200B	Unk.	Replaced	No
Nut, 1/2" Dia.	Unknown	Unknown	N/A	2-QS-TE-200B	Unk.	Replaced	No
Stud Structural, 1/2" Dia.	Mackson, Inc.	Heat No. 60451	N/A	2-QS-TE-200B	1996	Replacement	No
Nut, 1/2" Dia.	Mackson, Inc.	Heat No. 97364	N/A	2-QS-TE-200B	1996	Replacement	No

7. Description of Work Replace bolting - programatic work

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 P. J. Naught ISI Engineer
Owner or Owner's Designee, Title

Date September 24, 19 96

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 9/8/96 to 9/17/96, 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. Aue
Inspector's Signature

Commissions V4424 D.H.S.
National Board, State, Province, and Endorsements

Date Sept 25 19 96

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 September 25, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060
 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117
 Address _____
 R/R 96-321 W.O. 350604-01
 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 _____

4. Identification of System Reactor Coolant

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, 1970 Addenda, 78, 81, 83(R), 115
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 88 Code Case

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 Structural, 7/8" Dia.	Unknown	Unknown	N/A	2-RC-HCV-2556C	Unk.	Replaced	No
Stud Structural, 7/8" Dia.	Mackson, Inc.	Heat No. 38287	N/A	2-RC-HCV-2556C	1995	Replacement	No

7. Description of Work Replaced body to bonnet studs - boric acid on studs from a packing leak.

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 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 Patrick J. Naughton ISI Engineer Date September 25, 19 96
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. E.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/10/96 to 9/20/96, 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. Hene Commissions VA 424 I, N, A
Inspector's Signature National Board, State, Province, and Endorsements

Date Sept 25, 19 96

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 September 23, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-330 W.O. 341174-18
 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 Address _____ Expiration Date _____

4. Identification of System Quench Spray

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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, Structural 1/2" Dia.	Unknown	Unknown	N/A	2-QS-TE-200A	Unk.	Replaced	No
Nut, Heavy Hex 1/2 Dia.	Unknown	Unknown	N/A	2-QS-TE-200A	Unk.	Replaced	No
Stud, Structural 1/2" Dia.	Mackson, Inc.	Heat No. 60451	N/A	2-QS-TE-200A	1996	Replacement	No
Nut, Heavy Hex 1/2" Dia.	Mackson, Inc.	Heat No. 97364	N/A	2-QS-TE-200A	1996	Replacement	No

7. Description of Work Replace bolting due to corrosion

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

Date September 23, 19 96

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 9/1/96 to 9/10/96, 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. Grew
Inspector's Signature

Commissions V4424 I, N, A
National Board, State, Province, and Endorsements

Date Sept 21 19 96

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 October 4, 1996
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name
P.O. Box 402, Mineral, VA 23117 Address
 R/R 96-331 W.O. 350519-0104
 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 Feedwater

5. (a) Applicable Construction Code NAS-163B 19 71 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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	Crane	CV07002-2-0.1.3	N/A	2-FW-62	1971	Repaired	No

7. Description of Work Removed valve for repair and reinstalled

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 130 psi Test Temp. 375 °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 construction code MT and RT examination after installation.

Performed ASME Section XI preservice MT and UT examination.

Code Case N-416-1 was invoked.

Performed in-process repairs of weld 14B, pipe-to-valve weld, under this program.

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 [Signature] ISI Engineer Date October 29, 19 96
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 Northville, MI have inspected the components described in this Owner's Report during the period 9/12/96 to 10/14/96, 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 VA 424 I, N, A
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 4 19 96

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 September 20, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060
 Address _____

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117
 Address _____
 R/R 96-336 W.O. 350956-01
 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 _____

4. Identification of System Reactor Coolant

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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 3/4" NPS	Grinnel	None	NA	2-RC-203	Unk.	Repaired	No

7. Description of Work Repaired 3/4" indication found during augmented liquid penetrant exam.

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 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 Waughton ISB Engineer

Date September 20, 19 96

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 9/12/96 to 9/16/96, 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
Inspector's Signature

Commissions V4424 A, N, E
National Board, State, Province, and Endorsements

Date Sept 23, 19 96

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 September 25, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-337 W.O. 341174-13
 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 Address _____ Expiration Date _____

4. Identification of System Quench Spray

5. (a) Applicable Construction Code ANSI 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 86

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)
Cap Screw, 3/8" Dia.	Unknown	Unknown	N/A	2-QS-43	Unk.	Replaced	No
Nut, 3/8" Dia.	Unknown	Unknown	N/A	2-QS-43	Unk.	Replaced	No
Cap Screw, 3/8" Dia.	Allied Nut & Bolt	Heat No. 36746	N/A	2-QS-43	1996	Replacement	No
Nut, 3/8" Dia.	Mackson, Inc.	Heat No. 31742	N/A	2-QS-43	1992	Replacement	No

7. Description of Work Replace body to bonnet bolting - programatic work

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 Patricia Waugh FSI Engineer
Owner or Owner's Designee, Title

Date September 25, 1996

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.P.E.E. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/15/96 to 9/17/96, 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
Inspector's Signature

Commissions V4424 I.N.P.
National Board, State, Province, and Endorsements

Date SEPT 25 1996

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 September 25, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-339 W.O. 341174-12
 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

5. (a) Applicable Construction Code ANSI 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 86

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)
Cap Screw, 3/8" Dia.	Unknown	Unknown	N/A	2-QS-68	Unk.	Replaced	No
Cap Screw, 3/8" Dia.	Unknown	Unknown	N/A	2-QS-68	Unk.	Replaced	No
Cap Screw, 3/8" Dia.	Allied Nut & Bolt	Heat No. 36746	N/A	2-QS-68	1992	Replacement	No
Cap Screw, 3/8" Dia.	A & G Eng.	Heat No. 9M977	N/A	2-QS-68	1989	Replacement	No

7. Description of Work Replace body to bonnet bolting - programatic work

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 Patricia J. Naughton
Owner of Owner's Designee, Title

Date September 25, 19 96

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 9/14/96 to 9/17/96, 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 VA424 E.N.A.
National Board, State, Province, and Endorsements

Date Sept 25 19 96

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 October 3, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060
 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117
 Address _____
 R/R 96-352 W.O. 351036-01
 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 _____

4. Identification of System Quench Spray

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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 Structural, 1/2" Dia.	Unknown	Unknown	N/A	2-QS-37	Unk.	Replaced	No
Nut, 1/2" Dia.	Unknown	Unknown	N/A	2-QS-37	Unk.	Replaced	No
Stud Structural, 1/2" Dia.	Mackson, Inc.	Heat No. 60451	N/A	2-QS-37	1996	Replacement	No
Nut, 1/2" Dia.	Mackson, Inc.	Heat No. 97364	N/A	2-QS-37	1996	Replacement	No

7. Description of Work Replaced bolting during repair of valve seat for leakby.

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 Patrick J. Naughton ISI Engineer Date October 3, 19 96
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 Northfield, CT have inspected the components described in this Owner's Report during the period 9/15/96 to 9/18/96, 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. Hane
Inspector's Signature

Commissions NAYAV IMA
National Board, State, Province, and Endorsements

Date Oct 3, 19 96

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 Date 10-28-96
5000 Dominion Blvd, Glen Allen, VA 23060 Address Sheet 1 of 1
2. Plant North Anna Power Station Name Unit 2
P.O. Box 402, Mineral, VA 23117 Address R/R 96-353 V.O. 351037-01
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company Name 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 Quench Spray (QS)
5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83R, 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 86

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. 51351	N/A	2-QS-40	1994	Replacement	No
Nuts	Texas Bolt	Heat No. 97364	N/A	2-QS-40	1995	Replacement	No

7. Description of Work Replace valve bolting

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 J.P. Hamill ISI Engineer Date October 28, 19 96
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. Inc of Hartford, CT have inspected the components described in this Owner's Report during the period 8/25/96 to 9/15/96, 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 W. Hill Commissions VA424 E, NA
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 7 19 96

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 October 4, 1996
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address
 Sheet 1 of 1
2. Plant North Anna Power Station Jnit 2
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R 96-357 W.O. 350519-01
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Crane Valves Nuclear Operations Type Code Symbol Stamp N/A
 Name
860 Remington Blvd., Bolingbrook, IL 60440 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Feedwater
5. (a) Applicable Construction Code NAS-163B 19 71 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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	Crane	CV07002-2-0.1.3	N/A	2-FW-62	1971	Repaired	No

7. Description of Work Machined gasket surface 0.012" to allow for proper seating of 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 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

Performed construction code LP examination after machining.

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 Paul F. Naughton ISI Engineer
Owner or Owner's Designee, Title

Date October 4, 19 96

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 Northfield, CT have inspected the components described in this Owner's Report during the period 8/16/96 to 7/16/96, 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. [Signature]
Inspector's Signature

Commissions NA 424 INA
National Board, State, Province, and Endorsements

Date Nov 4 19 96

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 October 3, 1996
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Sheet 1 of 1
 Address North Anna Power Station 2

2. Plant _____ Unit _____
 Name
P.O. Box 402, Mineral, VA 23117 R/R 96-358 W.O. 327380-01
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Wyle Laboratories Type Code Symbol Stamp N/A
 Name
Huntsville, AL 35807 Address Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System Main Steam

5. (a) Applicable Construction Code NAS 88-2 19 73 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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)
Safety Valve	Crosby	N55044-00-0023	N/A	2-MS-SV-2038	1970	Repaired	Yes

7. Description of Work: Repaired valve seat to restore dimensions.

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

Performed construction code LP examination.

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 Patsy Naughton ISI Engineer
Owner or Owner's Designee, Title

Date October 3, 19 96

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 Hertford, CT have inspected the components described in this Owner's Report during the period 9/16/96 to 9/17/96, 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. Hahn
Inspector's Signature

Commissions NB2531 V442Y DNA
National Board, State, Province, and Endorsements

Date Oct 3, 19 96

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 September 30, 1996
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R 96-359 W.O. 351033-01
 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 Residual Heat Removal

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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 Structural, 1 7/8" Dia.	Unknown	Unknown	N/A	2-RH-MOV-2720B	Unk.	Replaced	No
Nut, 1 7/8" Dia.	Unknown	Unknown	N/A	2-RH-MOV-2720B	Unk.	Replaced	No
Stud Structural, 1 7/8" Dia.	Hardware Speciality Co.	Heat No. 651114	N/A	2-RH-MOV-2720B	1988	Replacement	No
Nut, 1 7/8" Dia.	Hardware Speciality Co.	Heat No. 6053110	N/A	2-RH-MOV-2720B	1988	Replacement	No
Nut, 1 7/8" Dia.	A & G Eng. Co.	Heat No. C6X265	N/A	2-RH-MOV-2720B	1988	Replacement	No

7. Description of Work Replace bolting - boric acid on body to bonnet seal area.

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 1

Applicable Manufacturer's Data Reports to be attached

Performed a preservice ASME Section XI VT-1 examination.

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 Patrick Naughton IAI Engineer
Owner or Owner's Designee, Title

Date September 30, 19 96

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. BICE of Hartford, CT have inspected the components described in this Owner's Report during the period 9/6/96 to 9/15/96, 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. Awe
Inspector's Signature

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

Date Oct 1, 19 96

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 October 1, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060
 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117
 Address _____
 R/R 96-360 W.O. 350962-01
 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 Component Cooling

5. (a) Applicable Construction Code ANSI 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 86

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 Structural, 3/4" Dia.	Unknown	Unknown	N/A	2-CC-302	Unk.	Replaced	No
Nut, 3/4" Dia.	Unknown	Unknown	N/A	2-CC-302	Unk.	Replaced	No
Stud Structural, 3/4" Dia.	Mackson, Inc.	Heat No. M51482	N/A	2-CC-302	1996	Replacement	No
Nut, 3/4" Dia.	Mackson, Inc.	Heat No. 16409JI	N/A	2-CC-302	1996	Replacement	No

7. Description of Work Replace bolting during repair for failed Type C test.

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 Peter J. Waughan I SI Engineer
Owner or Owner's Designee, Title

Date October 1, 19 96

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.P.I.E. of Hartford CT have inspected the components described in this Owner's Report during the period 9/16/96 to 9/23/96, 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. Spina
Inspector's Signature

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

Date Oct 1, 19 96

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 October 1, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-361 W.C. 350963-01
 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 Component Cooling

5. (a) Applicable Construction Code ANSI 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 86

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 Structural, 3/4" Dia.	Unknown	Unknown	N/A	2-CC-289	Unk.	Replaced	No
Nut, 3/4" Dia.	Unknown	Unknown	N/A	2-CC-289	Unk.	Replaced	No
Stud Structural, 3/4" Dia.	Mackson, Inc.	Heat No. M51482	N/A	2-CC-289	1996	Replacement	No
Nut, 3/4" Dia.	Mackson, Inc.	Heat No. 16409JI	N/A	2-CC-289	1996	Replacement	No

7. Description of Work Replace bolting during repair for failed Type C test.

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 Patrick Naughton ISP Engineer Date October 1, 19 96
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 Hertford CT have inspected the components described in this Owner's Report during the period 9/16/96 to 9/27/96, 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. Am... Commissions VR 424 IMA
Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 1 1996

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 October 1, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-362 W.O. 350961-01
 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 Address _____ Expiration Date _____
 Address _____

4. Identification of System Component Cooling

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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 Structural, 3/4" Dia.	Unknown	Unknown	N/A	2-CC-276	Unk.	Replaced	No
Nut, 3/4" Dia.	Unknown	Unknown	N/A	2-CC-276	Unk.	Replaced	No
Stud Structural, 3/4" Dia.	Mackson, Inc.	Heat No. M51482	N/A	2-CC-276	1996	Replacement	No
Nut, 3/4" Dia.	Mackson, Inc.	Heat No. 16409JI	N/A	2-CC-276	1996	Replacement	No

7. Description of Work Replace bolting during repair for failed Type C test.

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 Peter J. Waugh ISZ Engineer Date October 1, 1996
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. P. I. E. of McClure, VA have inspected the components described in this Owner's Report during the period 9/26/96 to 9/27/96, 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 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 VA 424 I, N, A
Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 1 1996

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 October 4, 1996
 Name _____
5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Address _____
2. Plant North Anna Power Station Unit 2
 Name _____
P.O. Box 402, Mineral, VA 23117 Address _____
 Address _____
R/R 96-363 W.O. 350524-01
 Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by Crane Valves Nuclear Operations Type Code Symbol Stamp N/A
 Name _____
860 Remington Blvd., Bolingbrook, IL 60440 Address _____
 Address _____
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Feedwater
5. (a) Applicable Construction Code NAS-163B 19 71 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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	Crane	CV07002-2-0.1.2	N/A	2-FW-94	1971	Repaired	No

7. Description of Work Machined gasket surface 0.027" to allow for proper seating of 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
Performed construction code LP examination after machining.

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 Patrick Naughton ISI Engineer Date October 4, 19 96
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. J. D. I. E. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/16/96 to 9/19/96, 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. Shea Commissions VA 424 I, N, A
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 4, 19 96

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 October 4, 1996
 Name _____
5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
P.O. Bcx 402, Mineral, VA 23117 Address _____
R/R 96-364 W.O. 350524-01 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 Address _____ Expiration Date N/A

4. Identification of System Feedwater

5. (a) Applicable Construction Code NAS-163B 19 71 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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	Crane	CV07002-2-0.1.2	N/A	2-FW-94	1971	Repaired	No

7. Description of Work Removed valve for repair and reinstalled.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 890 psi Test Temp. 375 °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 construction code MT and RT examination after installation.

Performed ASME Section XI preservice MT and UT examination.

Code Case N-416-1 was invoked.

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 ISI Engineer Date October 21, 1996
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.E. of Northwest CT have inspected the components described in this Owner's Report during the period 9/19/96 to 10/14/96, 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.

Mad M. Hane Commissions VARY I,NA
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 4 1996

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 October 4, 1996
 Name _____
5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 2
 Name _____
P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-365 W.O. 350824-01
 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 Address _____ Expiration Date N/A
4. Identification of System Feedwater
5. (a) Applicable Construction Code NAS-163B 19 71 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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	Crane	CV11009-1-0.1.1	N/A	2-FW-126	1971	Repaired	No

7. Description of Work Removed valve for repair and reinstalled.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 900 psi Test Temp. 375 °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

Performed construction code MT and RT examination after installation.

Performed ASME Section XI preservice MT and UT examination.

Code Case N-416-1 was invoked.

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

ISI Engineer

Date Oct. 21, 19 96

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.P.E.C. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/21/96 to 9/26/96, 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. G. M. Amey
Inspector's Signature

Commissions V424 I, N, A
National Board, State, Province, and Endorsements

Date Nov 5 19 96

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 October 4, 1996
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 2
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R 96-370 W.O. 350824-01 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Crane Valves Nuclear Operations Type Code Symbol Stamp N/A
 Name
860 Remington Blvd., Bolingbrook, IL 60440 Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Feedwater
5. (a) Applicable Construction Code NAS-163B 19 71 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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	Crane	CV11009-1-0.1.1	N/A	2-FW-126	1971	Repaired	No

7. Description of Work Machined gasket surface 0.012" to allow for proper seating of 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
Performed construction code LP examination after machining.

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 Patricia Naughton ISI Engineer Date October 4, 19 96
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 9/13/96 to 9/19/96, 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. Brown Commissions VA424 E, N, A
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 7, 19 96

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 September 30, 1996
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address Sheet 1 of 1
2. Plant North Anna Power Station Unit 2
 Name
P.O. Box 402, Mineral, VA 23117 Address R/R 96-372 W.O. 351217-02
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
 Address Expiration Date N/A
4. Identification of System Safety Injection
5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	Nstional Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Nut, 3/4" Dia.	Unknown	Unknown	N/A	2-SI-MOV-2867D	Unk.	Replaced	No
Nut, 3/4" Dia.	Mackson, Inc.	Heat No. 16409JI	N/A	2-SI-MOV-2867D	1996	Replacement	No

7. Description of Work Replaced nuts - body to bonnet leak.

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 Pat J Naughton ISI Engineer Date September 30 19 96
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 M. S. D. I. I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/17/96 to 9/26/96, 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.

Sgt. Noel M. Allen Commissions VA 424 INA
Inspector's Signature National Board, State, Province, and Endorsements

Date Sept 30 19 96

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 October 3, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-373 Rev. 1 W.O. 350519-06
 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. _____
 Expiration Date N/A

4. Identification of System Feedwater

5. (a) Applicable Construction Code NAS-163B 19 71 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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,	Crane	CV07002-2-0.1.3	N/A	2-FW-62	1972	Repaired	No

7. Description of Work Performed weld buildup on outside of valve to meet minimum wall requirements.

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 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

Performed construction code MT and RT examination after repair.

Repair performed in accordance with ASME Section III 1983 Edition.

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 Waught ISI Engineer
Owner or Owner's Designee, Title

Date October 3, 1996

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 9/17/96 to 10/2/96, 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. Hanc
Inspector's Signature

Commissions V4424 I, N/A
National Board, State, Province, and Endorsements

Date OCT 4 1996

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 October 1, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-374 Rev. 1 W.O. 351094-01
 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 Reactor Coolant

5. (a) Applicable Construction Code NAS-2064 19 86 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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)
Snubber, 10 Kip	Taylor	011	N/A	2-RC-HSS-011A	1987	Replaced	No
Snubber, 10 Kip	Taylor	010	N/A	2-RC-HSS-011A	1987	Replacement	No
Cap Screw, 1 1/2" Dia.	T.R. Goldsmith	Heat No. 8089294	N/A	2-RC-HSS-011A	1987	Replacement	No

7. Description of Work Replaced large bore snubber and one cap screw after functional test failure.

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 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 A. Wright ISI Engineer
Owner or Owner's Designee, Title

Date October 4, 19 96

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. E. I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/17/96 to 9/26/96, 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. Hae
Inspector's Signature

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

Date Oct 4 19 96

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 October 4, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060
 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117
 Address _____
 R/R 96-378 Rev. 1 W.O. 350524-05
 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. _____
 Expiration Date N/A

4. Identification of System Feedwater

5. (a) Applicable Construction Code NAS-163B 19 71 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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.	Crane	CV07002-2-0.1.2	N/A	2-FW-94	1972	Repaired	No

7. Description of Work Performed weld buildup on outside of valve to meet minimum wall requirements.

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 3 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 construction code MT and RT examination after repair.

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 Peter J. Naughton ISI Engineer Date October 4, 19 96
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 9/12/96 to 9/22/96, 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 VA 424 I, N.A.
Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 4, 19 96

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 October 4, 1996
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name
P.O. Box 402, Mineral, VA 23117 Address R/R 96-379 Rev. 1 W.O. 350824-04
 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 Feedwater

5. (a) Applicable Construction Code NAS-1638 19 71 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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.	Crane	CV11009-1-0.1.1	N/A	2-FW-126	1971	Repaired	No

7. Description of Work Performed weld buildup on outside of valve to meet minimum wall requirements.

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

Performed construction code MT and RT examination after repair.

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 Patrick Naughton ISI Engineer Date October 4, 19 96
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.D.F.E. of Hertford, CT have inspected the components described in this Owner's Report during the period 9/10/96 to 10/6/96, 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. Acce Commissions V424 IMA
Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 4 19 96

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 September 30, 1996
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 2
 Name
P.O. Box 402, Mineral, VA 23117 Address
 R/R 96-380 Rev. 2 W.O. 350519-07
 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 ANSI 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 86

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	Stone & Webster Eng. Corp.	N/A	N/A	16"-FW-424-601-Q2	1979	Replacement	No

7. Description of Work Installed alignment lugs on adjacent piping to aid in the installation of check valve, 2-FW-62. Lugs were removed after installation.
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

Replacement performed in accordance with ASME Section III 1986 Edition.

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 Waughton ISI Engineer
Owner of Owner's Designee, Title

Date September 30, 19 96

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 7/19/96 to 9/23/96, 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. Hearn
Inspector's Signature

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

Date Oct 1, 19 96

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 September 30, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060
 Address _____
2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117
 Address _____
 R/R 96-381 Rev. 2 W.O. 350524-06
 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. _____
 Expiration Date _____
4. Identification of System Component Cooling
5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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	Stone & Webster Eng. Corp.	N/A	N/A	16"-FW 423-601-Q2	1979	Replacement	No

7. Description of Work Installed alignment lugs on adjacent piping to aid in the installation of check valve, 2-FW-94. Lugs were removed after installation.
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

Replacement performed in accordance with ASME Section III 1986 Edition.

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 ISZ Engineer
Owner or Owner's Designee, Title

Date September 30, 1996

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.P.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/21/96 to 9/23/96, 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. Aue
Inspector's Signature

Commissions VA424 I,NA
National Board, State, Province, and Endorsements

Date OCT 1, 1996

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 September 30, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-382 Rev. 2 W.O. 350824-05
 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 Address _____ Expiration Date N/A
 Address _____

4. Identification of System Component Cooling

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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	Stone & Webster Eng. Corp.	N/A	N/A	16" FW-422-601-Q2	1979	Replacement	No

7. Description of Work Installed alignment lugs on adjacent piping to aid in the installation of check valve, 2-FW-126. Lugs were removed after installation.

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

Replacement performed in accordance with ASME Section III 1986 Edition.

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. Neumann ISI Engineer
Owner or Owner's Designee, Title

Date September 30, 19 96

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.T of Hartwood CT have inspected the components described in this Owner's Report during the period 9/15/96 to 9/25/96, 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. Ance
Inspector's Signature

Commissions VARY I, N/A
National Board, State, Province, and Endorsements

Date Oct 1 19 96

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 October 2, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-383 W.O. 323638-02
 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 _____

4. Identification of System Chemical and Volume Control

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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 Structural, 3/4" Dia.	Unknown	Unknown	N/A	2-CR-MOV-2286B	Unk.	Replaced	No
Stud Structural, 3/4" Dia.	Mackson, Inc.	Heat No. M51482	N/A	2-CR-MOV-2286B	1996	Replacement	No

7. Description of Work Replace body to bonnet studs during disassembly for NDE.

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 Peter Naught ISI Engineer
Owner or Owner's Designee, Title

Date October 2, 19 96

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 Hertford, CT have inspected the components described in this Owner's Report during the period 9/10/96 to 2/18/96, 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 requirement 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 V424 I.N.A.
National Board, State, Province, and Endorsements

Date Oct 3 1996

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 10-21-96
Name
5000 Dominion Blvd, Glen Allen, VA 23060 Sheet 1 of 1
Address
2. Plant North Anna Power Station Unit 2
Name
P.O. Box 402, Mineral, VA 23115 R/R 96-385 Rev. 3 W.O. 351260
Address 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
5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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)
2" T-58 Globe Valve	Rockwell Edwards	Unk.	N/A	2-CH-262	Unk.	Replaced	No
2" T-58 Globe Valve	Rockwell	CD-684	N/A	2-CH-262	1988	Replacement	No
2" Pipe	N/A	1/4	N/A	2"CH-496-1502-a ₁	Unk.	Repaired	No

7. Description of Work Replaced valve and repaired indications/gauges in adjacent piping
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 2700 psi Test Temp. 110 °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

Performed surface examination of replacement socket welds.

Performed surface and RT examination of repair weld.

Repair was performed using code case N-416-1

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement/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. Hamilton ISI Engineer Date Oct. 22, 19 76
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 9/25/76 to 10/16/76, 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. Ance Commissions VA424 I,NA
Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 22 19 76

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 October 1, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-387 W.O. 338732-02
 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 Address _____ Expiration Date _____

4. Identification of System Reactor Coolant

5. (a) Applicable Construction Code NAS-2064 19 86 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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)
Snubber 14 kip	Taylor	010	N/A	2-RC-HSS-001A	1987	Replaced	No
Snubber 19 kip	Taylor	006	N/A	2-RC-HSS-001A	1987	Replacement	No

7. Description of Work Replaced large bore snubber after functional test failure.

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 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. Naughton ISE Engineer
Owner or Owner's Designee, Title

Date October 1, 19 96

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.E.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/18/96 to 9/21/96, 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. Aze
Inspector's Signature

Commissions VA 424 ENA
National Board, State, Province, and Endorsements

Date Oct 4 19 96

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 October 1, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-391 W.O. 351110-03
 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 _____

4. Identification of System Reactor Coolant

5. (a) Applicable Construction Code NAS-2064 19 86 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 _____

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)
Snubber 19 kip	Taylor	015	N/A	2-RC-HSS-005A	1987	Replaced	No
Snubber 19 kip	Taylor	009	N/A	2-RC-HSS-005A	1987	Replacement	No

7. Description of Work Replaced large bore snubber after functional test failure.

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 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 Peter J. Naughton ISI Engineer
Owner or Owner's Designee, Title

Date October 4, 1996

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. Inc of Herndon, VA have inspected the components described in this Owner's Report during the period 9/20/96 to 9/22/96, 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. Spence
Inspector's Signature

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

Date Oct 4, 1996

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 September 30, 1996
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R 96-395 W.O. 351458-01
 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 Reactor Coolant

5. (a) Applicable Construction Code ANSI 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 86

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)
Snubber	Grinnell	27460	N/A	2-RC-HSS-639.01	Unk.	Replacement	No

7. Description of Work Installed bushing on load stud found missing during reinstallation from functional testing.

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 1

Applicable Manufacturer's Data Reports to be attached

Replacement performed in accordance with ASME Section III 1983 Edition.

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 Linnhardt ISZ Engineer
Owner or Owner's Designee, Title

Date September 30, 19 96

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. D. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/20/96 to 9/26/96, 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. Aaga
Inspector's Signature

Commissions VARY ENA
National Board, State, Province, and Endorsements

Date Oct 1, 19 96

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 September 30, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1
2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-396 W.O. 351459-01
 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 Reactor Coolant
5. (a) Applicable Construction Code ANSI 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 86

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)
Snubber	Grinnell	16492	N/A	2-RC-HSS-638.01	Unk.	Replacement	No

7. Description of Work Installed bushing on load stud found missing during reinstallation from functional testing.

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 1

Applicable Manufacturer's Data Reports to be attached

Replacement performed in accordance with ASME Section III 1983 Edition.

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 McLaughlin ISI Engineer
Owner or Owner's Designee, Title

Date September 30, 1996

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. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/20/96 to 9/26/96, 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 VA 424 INA
National Board, State, Province, and Endorsements

Date Oct 1 1996

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 September 30, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-397 W.O. 351460-01
 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 _____

4. Identification of System Reactor Coolant

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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)
Snubber	Grinnell	27442	N/A	2-RC-PSS-637.06	Unk.	Replacement	No

7. Description of Work Installed bushing on load stud found missing during reinstallation from functional testing.

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 1

Applicable Manufacturer's Data Reports to be attached

Replacement performed in accordance with ASME Section III 1983 Edition.

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. Waugh ISJ Engineer
Owner or Owner's Designee, Title

Date September 30, 19 96

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.E.T. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/26/86 to 9/26/86, 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.

Muel M. Allen
Inspector's Signature

Commissions VARY IMA
National Board, State, Province, and Endorsements

Date Oct 1, 19 96

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 September 30, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-398 W.O. 351461-01
 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 Address _____ Expiration Date N/A
 Address _____

4. Identification of System Reactor Coolant

5. (a) Applicable Construction Code ANSI 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 86

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)
Snubber	Grinnell	90089	N/A	2-RC-HSS-637.02	Unk.	Replacement	No

7. Description of Work Installed bushing on load stud found missing during reinstallation from functional testing.

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 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 1

Applicable Manufacturer's Data Reports to be attached

Replacement performed in accordance with ASME Section III 1983 Edition.

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 ISI Engineer
Owner or Owner's Designee, Title

Date September 30, 1996

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.E.I. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/6/96 to 9/26/96, 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. Hane
Inspector's Signature

Commissions VARY ENR
National Board, State, Province, and Endorsements

Date Oct 1, 1996

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 October 4, 1996
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Sheet 1 of 1
 Address

2. Plant North Anna Power Station Unit 2
 Name
P.O. Box 402, Mineral, VA 23117 R/R 96-399 Rev. 1 W.O. 350524-05
 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 NAS-163B 19 71 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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	Crane	CV07002-2-0.1.2	N/A	2-FW-94	1972	Repaired	No

7. Description of Work Performed weld buildup on inside of valve to allow machining without violating the minimum wall requirements.

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 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

Performed construction code MT examination after repair.

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

Date October 4, 19 96

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 9/21/96 to 9/25/96, 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. Hene
Inspector's Signature

Commissions VARY N/A
National Board, State, Province, and Endorsements

Date Oct 4, 19 96

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 October 1, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-421 Rev. 1 W.O. 351737-01
 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 Address _____ Expiration Date _____
 Address _____
 4. Identification of System Reactor Coolant
 5. (a) Applicable Construction Code NAS-2064 19 86 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

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)
Snubber 19 Kip	Taylor	008	N/A	2-RC-HSS-00TC	1987	Replaced	No
Snubber 19 Kip	Taylor	005	N/A	2-RC-HSS-00TC	1987	Replacement	No
Cap Screw, 1 1/2" Dia.	T.R. Goldsmith	Heat No. 8089294	N/A	2-RC-HSS-00TC	1987	Replacement	No

7. Description of Work Replaced large bore snubber and cap screw after functional test failure.

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 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 Patrick J. Naughton ISI Engineer
Owner or Owner's Designee, Title

Date October 4, 19 96

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 9/24/96 to 9/25/96, 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. Shaw
Inspector's Signature

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

Date Oct 4, 19 96

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 October 1, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-423 W.O. 350663-03
 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. _____
 Expiration Date _____

4. Identification of System Quench Spray

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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 Structural, 5/8" Dia.	Unknown	Unknown	N/A	2-SI-140	Unk.	Replaced	No
Nut, 5/8" Dia.	Unknown	Unknown	N/A	2-SI-140	Unk.	Replaced	No
Stud Structural, 5/8" Dia.	Mackson, Inc.	Heat No. 639196	N/A	2-SI-140	1996	Replacement	No
Nut, 5/8" Dia.	Mackson, Inc.	Heat No. 05662GJ	N/A	2-SI-140	1996	Replacement	No

7. Description of Work Replaced body to bonnet bolting during replacement of flange gasket.

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 Pat Wroughton ISI Engineer
Owner or Owner's Designee, Title

Date October 1, 19 96

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 9/24/96 to 9/24/96, 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. Hane
Inspector's Signature

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

Date Oct 2 19 96

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 October 3, 1996
 Name
5000 Dominion Blvd., Glen Allen, VA 23060 Address
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name
P.O. Box 402, Mineral, VA 23117 Address
R/R 96-424 W.O. 351779-03
 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

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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)
Support	Stone & Webster Eng. Corp	N/A	N/A	2-SI-R-5	Unk.	Replaced	No
Support	Stone & Webster Eng. Corp	N/A	N/A	2-SI-R-5	1996	Replacement	No

7. Description of Work Cut, removed, and reinstall pipe support 2-SI-R-5 on 12050-WMKS-104C-2 to remove 2-SI-MOV-2862B.

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

Preservation ASME Section XI VT-3 performed

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 ISI Engineer
Owner or Owner's Designee, Title

Date October 3, 19 96

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 9/25/96 to 10/1/96, 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. Lee
Inspector's Signature

Commissions VARY IMA
National Board, State, Province, and Endorsements

Date Oct 3, 19 96

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 October 3, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117 Address _____
 R/R 96-428 W.O. 350813-01
 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 _____

4. Identification of System Quench Spray

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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 Structural, 1/2" Dia.	Unknown	Unknown	N/A	2-QS-MOV-202A	Unk.	Replaced	No
Nut, 1/2" Dia.	Unknown	Unknown	N/A	2-QS-MOV-202A	Unk.	Replaced	No
Stud Structural, 1/2" Dia.	Energy Steel	Heat No. 6051609	N/A	2-QS-MOV-202A	1987	Replacement	No
Nut, 1/2" Dia.	Mackson, Inc.	Heat No. 97364	N/A	2-QS-MOV-202A	1996	Replacement	No

7. Description of Work Replaced bolting during repair of valve seat for leakby.

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 Pat J. Naughton ISI Engineer
Owner or Owner's Designee, Title

Date October 3, 19 96

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 Insp. & Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 9/25/96 to 9/30/96, 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. Hume
Inspector's Signature

Commissions VA 464 ENA
National Board, State, Province, and Endorsements

Date Oct 3 19 96

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 October 3, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060
 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117
 Address _____
 R/R 96-429 W.O. 350813-02
 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 _____

4. Identification of System Quench Spray

5. (a) Applicable Construction Code ANSI 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 86

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 Structural, 1/2" Dia.	Unknown	Unknown	N/A	2-US-MOV-202B	Unk.	Replaced	No
Nut, 1/2" Dia.	Unknown	Unknown	N/A	2-US-MOV-202B	Unk.	Replaced	No
Stud Structural, 1/2" Dia.	Energy Steel	Heat No. 6051609	N/A	2-US-MOV-202B	1987	Replacement	No
Nut, 1/2" Dia.	Mackson, Inc.	Heat No. 97364	N/A	2-US-MOV-202B	1996	Replacement	No

7. Description of Work Replaced bolting during repair of valve seat for leaky.

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 Patricia A. Daughton ISI Engineer
Owner or Owner's Designee, Title

Date October 3, 19 96

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 9/25/96 to 9/26/96, 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. Hane
Inspector's Signature

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

Date OCT 3 19 96

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 October 1, 1996
 Name _____
 5000 Dominion Blvd., Glen Allen, VA 23060
 Address _____
 Sheet 1 of 1

2. Plant North Anna Power Station Unit 2
 Name _____
 P.O. Box 402, Mineral, VA 23117
 Address _____
 R/R 96-435 W.O. 351748-01
 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 and Volume Control

5. (a) Applicable Construction Code ANSI 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 86

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 Structural, 3/4" Dia.	Unknown	Unknown	N/A	2-CH-MOV-2287B	Unk.	Replaced	No
Nut, 3/4" Dia.	Unknown	Unknown	N/A	2-CH-MOV-2287B	Unk.	Replaced	No
Stud Structural, 3/4" Dia.	Mackson, Inc.	Heat No. 56678	N/A	2-CH-MOV-2287B	1996	Replacement	No
Nut, 3/4" Dia.	Mackson, Inc.	Heat No. 16409JI	N/A	2-CH-MOV-2287B	1996	Replacement	No

7. Description of Work Replaced bolting during disassembly to NDE valve seats.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure _____ si 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 Pat Moughtin ISI Engineer
Owner or Owner's Designee, Title

Date October 1, 19 96

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.I.F of Hartford, CT have inspected the components described in this Owner's Report during the period 9/26/96 to 9/27/96, 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. Haver
Inspector's Signature

Commissions V, A, S, Y T, N, A
National Board, State, Province, and Endorsements

Date Oct 2 19 96

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 10-24-96
Name
5000 Dominion Blvd, Glen Allen, VA 23060 Sheet 1 of 1
Address
2. Plant North Anna Power Station Unit 2
Name
P.O. Box 402, Mineral, VA 23117 R/R 96-445 W.O. 352438-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company
Name
5000 Dominion Blvd, Glen Allen, VA 23060 Type Code Symbol Stamp N/A
Address Authorization No. N/A
 Expiration Date N/A
4. Identification of System Safety Injection (SI)
Westinghouse Spec. G-676241
5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 1970 Addenda 78, 81, 83, 115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

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" Check Valve	Velan	N/A	N/A	2-SI-119	unk.	Repaired	No

7. Description of Work Grind excess metal from side/back of disc to prevent binding.
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 1

Applicable Manufacturer's Data Reports to be attached

Performed final LP examination after machining backside of disc approx. 0.020"

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. Hamilton ISI Engineer Date October 24, 19 96
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 10/4/96 to 10/4/96, 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. Hunt Commissions ND 9531 I NA VA 424
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 4 19 96

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 10/25/96
Name
5000 Dominion Blvd., Glen Allen, VA 23060 Sheet 1 of 1
Address
2. Plant North Anna Power Station Unit 2
Name
P.O. Box 402, Mineral, VA 23117 R/R 96-448, W.O. 00352487-05
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 & Volume Control (CH)
5. (a) Applicable Construction Code ANSI 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 86

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)
Relief Valve Disc	Crosby	84048-950034	N/A	2-CH-RV-2382B	1978	Replacement	No
Relief Valve Nozzle	Crosby	N94955-51-053	N/A	2-CH-RV-2382B	1992	Replacement	No

7. Description of Work Rebuilt valve and replaced valve disc & nozzle
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 75 psi Test Temp. 140 °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 October 25, 1996
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.D.I.E of Hartford CT have inspected the components described in this Owner's Report during the period 10/3/86 to 10/6/86, 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. [Signature] Commissions VA424 INA
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 7, 1986