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 0 PDR

Docket Number: 50-339 Serial Number: 96-629

Attachment 1

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS Page 1 of 20 As required by the Provisions of the ASME Code Rules

. Owner _	Virginia Elect	ric & Power Company, 5000 Dominion Blvd., Glen Allen, VA 2	3060
		(Name and Address of Owner)	and and a state of the second state of the sec
Plant	North Anna Power	Station, P.O. Box 402, Mineral, VA 23117	
		(Name and Address of Plant)	
Plant Un	it Unit 2	4. Owner Certificate of Authorization (if required)N/A
Commer	cial 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	M/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 - 1134-6 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 $8\frac{1}{2}$ 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-1 (Back)

8.	Examination Dates 5-30	-95 to10-6-96
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 Tes for the Inspection Plan.	sts. Include a list of examinations and tests and a statement concerning status of work required Attachment 1 Pages 3 - 20
14.	Abstract of Results of Examination	ons and Tests. Attachment 1 Pages 3 - 20
15.	Abstract of Corrective Measures.	Attachment 1 Pages 16 - 20
	tificate of Authorization No. (if a e Decembre 18 19 C	Poplicable) N/A Expiration DateN/A 76 Signed Virginia Electric & Pown Compuny By Elis Thron limited on Owner
Г		
		CERTIFICATE OF INSERVICE INSPECTION
1	I, the undersigned, holding a valid the State or Province of Virgi	I commission issued by the National Board of Boiler and Press. Vessel Inspectors and nia 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
		rel £196, and state that to the best of my knowledge and belief, the
	Owner has performed examination with the Inspection Plan and as re-	s and tests and taken corrective measures described in this Owner's Report in accordance quired by the ASME Code, Section XI.
		er the Inspector nor his employer makes any warranty, expressed or implied, concerning
1	the examinations, tests, and correct	ctive measures described in this Owner's Report. Furthermore, neither the Inspector nor
1	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. Hac	Commissions VA-424, INA
	Inspector's Signatu	Re National Board, State, Province, and Endorsements
1		
	Date Dec 18	19 26

Supplemental Sheet

Docket Number: 50-339 Serial Number: 96-629 Attachment 1

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS Page 2 of 20 As required by the Provisions of the ASME Code Rules

1	Virginia Elec	tric & Power Company, 5000 Dominion Blvd., Glen Allen, VA 23060	
	and the second s	(Name and Address of Owner)	
2.	Plant North Anne Powe	r Scation, P.O. Box 402, Mineral, VA 23117	
		(Name and Address of Plant)	
3.	Plant Unit Unit 2	4. Owner Certificate of Authorization (if required)	
5.	Commercial Service Da	te 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	RD4 Rotterdam	30662	VA 61445	N/A
P				
				and the second se

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8\frac{1}{2}$ 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.

(12/88) This form (E00029) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 3 of 20

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 Eartford 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.

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 4 of 20

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.

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 5 of 20

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	nage	11	12050-WMKS-0103BV	26	UT	NTOT 22
		an ent				UI	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.

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 6 of 20

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	MARK			SECTION X1		EXAM		
NUMBER	NUMBER	LINE NUMBER	CLASS	CATEGORY	ITEM	METHOD	DATE	REMARKS
12050-WMKS-0101D	52	32"-SKP-403-601-92	2A	C-F-2	C5.51	MT & UT	9/20/96	
12050-WMKS-01038K	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-01	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-437-1502-01	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-480-1502-02	2A	C-F-1	C5.21	PT & UT	9/24/96	
12050-WMKS-0111AB	12	2"-CH-405-1502-01	1A	B-J	B9.21	PT	9/12/96	
12050-WMKS-0111AB	9	3"-CH-800-1502-01	1A	B-J		PT	9/12/96	
12050-WMKS-0111AD-1	5A	2"-RC-445-1502-01	1A	B-J	B9.40	PT	9/12/96	
12050-WMKS-0111AD-1	6	2"-RC-445-1502-01	1A	B-J	B9.40	PT	9/12/96	
12050-WMKS-0111AD-1	SW-33	2"-RC-445-1502-01	1A	B-J	B9.40	PT	9/12/96	
12050-WMKS-0111AU-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-401-1502-01	1A	B-J	89.11	PT & UT	9/12/96	
12050-WMKS-0113A-4	1	12"-RC-422-1502-01	1A	B-J		PT & UT	9/12/96	
12050-WMKS-RC-E-2	9	2-RC-E-2	1A	B-D	B3.110		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	water water in
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	T1F-27	2-RC-R-1	1A	B-G-1	the second second	UT	9/13/96	
12050-WMKS-RC-R-1.3	T1F-28	2-RC-R-1	1A	B-G-1	B6.40	UT	9/13/96	
12050-WMKS-RC-R-1.3	T1F-29	2-RC-R-1	1A	B-G-1		UT	9/13/96	
12050-WMKS-RC-R-1.3	T1F-30	2-RC-R-1	1A	B-G-1	and the second second second	UT	9/13/96	
12050-WMKS-RC-R-1.3	T1F-31	2-RC-R-1	1A	B-G-1		UT	9/13/96	
12050-WMKS-RC-R-1.3	T1F-32	2-RC-R-1	1A	B-G-1		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.

Test No.	Test Zone	Category		Examination Date
2-CA-002	INSTRUMENT AIR - TEST DURING THIR			
	2-SPM-082F-2-1 2-SPM-082F-2-1		C7.30 C7.70	09/18/96

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 7 of 20

Test No.	Test Zone	Catego	ry Item No.	Examination Da
2-CC-006	COMPONENT COOLIN	G TO RE	CIRCULATION	AIR FANS
	2-SPM-0798-3-1	C-H	C7.30	09/08/96
	2-SPM-0798-3-1	C-H	C7.70	09/08/96
		e 11	wi i i v	07700770
2-CH-002	LETDOWN			
	2-SPM-095C-1-1	B-P	815.40	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
			012.10	10/11/70
2-CH-004	EXCESS LETDOWN H	EAT EXC	HANGER	
	2-SPM-095C-2-6	B-P	B15.50	10/11/96
	2-SPM-095C-2-6	B-P	B15.60	10/11/96
-CH-005	LOOP FILL HEADER	line in		
	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
				~~~~~~
-CH-006	SEAL INJECTION 1	O 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	09/03/96
	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-0958-1-1	C-H	C7.30	09/08/96
	2-SPM-0958-1-1	C-H	C7.70	09/08/96
	2-SPM-0958-1-2	C-H	c7.10	09/08/96
	2-SPM-0958-1-2	C-H	c7.30	09/08/96
	2-SPM-0958-1-2	C-H	C7.70	09/08/96
	2-SPM-0958-1-7	C-H	C7.10	09/08/96
	2-SPM-095B-1-7	C-H	C7.30	09/08/96
	2-SPM-0958-1-7	C-H	C7.70	09/08/96
	2-SPM-095B-1-8	C-H	c7.30	09/08/96
	2-SPM-0958-1-8	C-H	C7.70	09/08/96
	2-SPM-0958-2-1	C-H	c7.30	09/08/96
	2-SPM-0958-2-1	C-H	c7.70	09/08/96
	2-SPM-0958-2-10	C-H	c7.30	
	2-SPM-0958-2-10 2-SPM-0958-2-10			09/08/96
		C-H	C7.70	09/08/96
	2-SPM-0958-2-2	C-H	C7.30	09/08/96
	2-SPM-0958-2-2	C-H	C7.50	09/08/96
	2-SPM-095B-2-2	C-H	C7.70	09/08/96
	2-COM 00CD 2 7	FT 122	07 70	00/00/07
	2-SPM-095B-2-3 2-SPM-095B-2-3	С-Н С-Н	C7.30 C7.50	09/08/96

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 8 of 20

			ASME XI	
Test No.	Test Zone			Examination Date
2-CH-007	NORMAL CHARGING	HEADER	Continued	Examination pare
	2-SPM-0958-2-3	C-H	C7.70	09/08/96
	2-SPM-0958-2-4	C-H	C7.30	09/08/96
	2-SPM-0958-2-4	C-H	C7.50	09/08/96
	2-SPM-0958-2-4	C-H	C7.70	09/08/96
	2-SPM-0958-2-5	C-H	C7.30	09/08/96
	2-SPM-0958-2-5	C-H	C7.70	09/08/96
	2-SPM-0958-2-6	C-H	C7.30	09/08/96
	2-SPM-0958-2-6	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-1		2 2 10 1011	
2 01 000	CHARGING CR035-1	IC UNI	C TO UNIT	4.
	2-SPM-0958-2-9	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 m m m	TK-1) DISCH	ARGE 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	PENETR	ATION 34	
	2-SPM-104A-1-1	C-H	C7.70	09/09/96
2-QS-003	QUENCH SPRAY REC	IRC 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 C-H	C7.70	07/12/96
	2-SPM-091A-2-6 2-SPM-091A-2-6	C-H	C7.30 C7.70	07/12/96 07/12/96
3.00.001	DEACTOR COOLANT	OVOTEN		
2-RC-001	REACTOR COOLANT 2-SPM-0896-1-1	SYSTEM B-P	B15.50	10/12/96
	2-SPM-0898-1-1	B-P	B15.70	10/12/96
	2-SPM-0898-1-2	C-H	C7.30	10/12/96
	2-SPM-0898-1-2	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

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 9 of 20

			ASME XI	
Test No.	Test Zone			Examination Date
2-RC-001	REACTOR COOLANT		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 2-SPM-093A-2-1	B-P	B15.10	10/12/96
	2-SPM-093A-2-1	B-P B-P	B15.30 B15.50	10/12/96
	2-SPM-093A-2-1	B-P	B15.60	10/12/96 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	-	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-0938-1-1	B-P	B15.10	10/12/96
	2-SPM-0938-1-1	B-P	B15.20	10/12/96
	2-SPM-0938-1-1	B-P	815.50	10/12/96
	2-SPM-0938-1-1	B-P	B15.70	10/12/96
	2-SPM-0938-1-2	B-P	B15.50 B15.70	10/12/96
	2-SPM-0938-1-2 2-SPM-0938-1-3	B-P 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		B15.70	10/12/96
	2-SPM-093D-1-1	B-P	B15.10	10/12/96
	2-SPM-093D-1-1	8-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	10/12/26
	2-SPM-0968-1-1	B-P	B15.50	10/12/96
	2-SPM-0968-1-1 2-SPM-0968-1-3	B-P B-P	B15.70 B15.50	10/12/96
	2-SPM-0968-1-3	B-P	B15.70	10/12/96
	2-SPM-0968-1-3	C-H	c7.30	10/12/96
	2-SPM-0968-1-3	C-H	C7.70	10/12/96
	2-SPM-0968-2-1	B-P	B15.50	10/12/96
	2-SPM-0968-2-1	B-P	B15.70	10/12/96
	2-SPM-0968-2-3	B-P	B15.50	10/12/96
	2-SPM-0968-2-3	B-P	B15.70	10/12/96
	2-SPM-0968-2-3	C-H	C7.30	10/12/96
	2-SPM-0968-2-3	C-H	C7.70	10/12/96
	2-SPM-0968-3-1	B-P	B15.50	10/12/96
	2-SPM-0968-3-1	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-0968-3-3	C-H	c7.30	10/12/96
	2-SPM-0968-3-3	C-H	C7.70	10/12/96
	2-SPM-0968-4-1	B-P	B15.10	10/12/96
	2-SPM-0968-4-1	B-P	B15.50	10/12/96

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 10 of 20

			ME XI	
Test No.	Test Zone	Categor	y Item No.	Examination Date
2-RC-001	REACTOR COOLANT	SYSTEM (	Continued	and an and the start of the sta
	2-SPM-0968-4-1	B-P	B15.70	10/12/96
2-RP-001	RP TO REACTOR CA	AVITY, PE	N. 103.	
	1-SPM-088A-3-1	C-H	C7.30	09/17/96
	1-SPM-088A-3-1	С-Н		09/17/96
2-RF-002	RP TO REACTOR CA	AVITY, PE	N. 104.	
	1-SPM-088A-3-2	C-H	C7.30	09/17/96
	1-SPM-088A-3-2		C7.70	09/17/96
2-RS-005	2-RS-P-3A TO 2-P	RS-P-2A S	SUCTION.	
	2-SPM-0918-1-2	C-H	c7.30	08/19/96
	2-SPM-091B-1-2		c7.70	08/19/96
2-RS-006	2-RS-P-38 TO 2-8	RS-P-2B	SUCTION.	
	2-SPM-0918-1-1	C - N	C7 30	09/30/96
	2-SPM-0918-1-1			09/30/96
2-RS-009	2-RS-P-2A SUCTIO	DN/DISCH	ARGE ORS.	
	2 000 0014 / /		07.70	40.07.00
	2-SPM-091A-4-4 2-SPM-091A-4-4	C-H	C7.30 C7.50	10/03/96
	2-SPM-091A-4-4		c7.70	10/03/96
2-RS-012	2-RS-P-2B SUCTIO	DN/DISCH/	ARGE ORS.	
	2-000-0014-/-7	C - H	07 30	05/15/95
	2-SPM-091A-4-3 2-SPM-091A-4-3	C-H	c7.50	05/15/95
	2-SPM-091A-4-3			05/15/95
2-61-00/	ACCURULATOD NO	ENT DE	CTDATION C	0
2-51-004	ACCUMULATOR N2 V 2-SPM-0968-1-4			09/08/96
	2-SPM-0968-1-4	C-H	c7 70	09/08/96
	E 3FH 0705 1 4	5 11	01.10	07/00/70
2-51-011	CHARGING TO CL,	PEN. 11.		
	2-5.7M-0968-4-5	B-P	B15.50	10/11/96
	2-SPi1-0968-4-5			10/11/96
2-51-014	HHSI, CHARGING	TO HL, PE	N. 114.	
	2-SPM-0968-4-7		B15.50	10/11/96
	2-SPM-0968-4-7	B-P	B15.70	10/11/96
2-SS-001	SG SAMPLE TO PE	v. 56.		
	2-SPM-089A-3-4	C-H	c7.30	09/10/96
	2-SPM-089A-3-4	С-Н	C7.70	09/10/96
2-sw-001	SW TO RECIRC. SI	PRAY HEAT	EXCHANGER	
	1-SPM-0788-3-2	C-H	C7.10	09/09/96
	1-SPM-078B 3-2	C-H	C7.30	09/09/96
	1-SPM-0788 3-2	C-H	C7.70	09/09/96
	1-SPM-0788-3-5	C-H	C7.10	09/09/96
	1-SPM-0788-3-3	C-H	c7.30	09/09/96
	1-SPM-0788-3-3	C-H	c7.70	09/09/96
2-SW-002	SW TO RECIRC SPI	RAY HEAT	EXCHANGER	
	1-SPM-0788-3-1	C - H	c7.10	09/09/96
	1-SPM-0788-3-1	C - H	c7.30	09/09/96
	1-SPM-078B-3-1	C-H	C7.70	09/09/96
	1-SPM-0788-3-4	C-H	C7.10	09/09/96
	1-SPM-078B-3-4	C-H	c7.30	09/09/96

Note 1

Note 1

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 11 of 20

		ASM	EXI	
Test No.	Test Zone	Category	Item No.	Examination Date
	SW TO RECIRC SPR			
	1-SPM-0788-3-4			
2-WT-001	2-RC-E-1A, SG WE	T LAY-UP,	PEN 32.	
	2-SPM-1028-1-4	C - H	C7.30	09/08/96
	2-SPM-1028-1-4	C - H	C7.70	09/08/96
2-WT-002	2-RC-E-1BA, SG W	ET LAY-UP	, PEN 100.	
	2-SPM-1028-1-5	C-H	C7.30	09/08/96
	2-SPM-102B-1-5			
2-WT-003	2-RC-E-1BA, SG W	ET LAY-UP	, PEN 108.	
	2-SPM-1028-1-6			
	2-SPM-1028-1-6			

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.

				ASM	IX I
est	No.	Test	Zone	Category	Item No.
	2-80	100			
		2-SPM	-098A-2-1	C-B	C2.33
		2-SPM	-098A-2-1	C-H	C7.10
	2-BD	-002			
		2-SFM	-098A-3-1	C-B	C2.33
		2-SPM	-098A-3-1	C-H	C7.10
	2-80	-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	-1028-1-3	C-B	C2.33
	2-MS	-001			
		2-SPM	-070B-1-1	C-B	C2.33
	2-MS	-002			
		2-SPM	-0708-2-1	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
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	these are		

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 12 of 20

		ASI	ME X1
Test No.	Test Zone	Category	y 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-0968-1-1	B-P	B15.10
	2-SPM-0968-2-1	B-P	B15.10
	2-SPM-0968-3-1	B-P	B15.10
2-51-	001		
	2-SPM-0968-1-2	C-B	C2.33
2-51-	002		
	2-SPM-0968-2-2	C-B	C2.33
2-51-	003		
	2-SPM-0968-3-2	C-B	C2.33
2-51-	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         Category Item No.         Examinat           2-BD-001         2-SPM-098A-2-1         C-H         C7.30         03/25/95           2-BD-002         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         C7.70         03/25/95           2-BD-003         2-SPM-098A-4-1         C-H         C7.70         03/25/95           2-SPM-082A-1-1         C-H         C7.70         04/06/95           2-SPM-082A-1-1         C-H         C7.70         03/27/95           2-CA-003         2-SPM-082B-2-1         C-H         C7.70         03/27/95	ion Data
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-SPM-098A-4-1 C-H C7.30 03/25/95 2-SPM-098A-4-1 C-H C7.30 03/25/95 2-SPM-098A-4-1 C-H C7.30 04/06/95 2-SPM-082A-1-1 C-H C7.70 04/06/95 2-SPM-082B-2-1 C-H C7.70 03/27/95	ion pare
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-SPM-098A-4-1 C-H C7.30 03/25/95 2-SPM-098A-4-1 C-H C7.30 03/25/95 2-SPM-098A-4-1 C-H C7.30 04/06/95 2-SPM-082A-1-1 C-H C7.70 04/06/95 2-SPM-082B-2-1 C-H C7.70 03/27/95	
2-BD-002 2-SPM-098A-3-1 C-H C7.70 03/25/95 2-SPM-098A-4-1 C-H C7.30 03/25/95 2-SPM-098A-4-1 C-H C7.30 03/25/95 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-SPM-082B-2-1 C-H C7.70 03/27/95	
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 C7.30 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-SPM-0828-2-1 C-H C7.70 03/27/95	
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-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-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-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-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-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-003 2-SPM-082B-2-1 C-H C7.70 03/27/95	
2-SPM-0828-2-1 C-H C7.70 03/27/95	
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2 41 667	
2-CA-004	
2-SFM-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	

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 13 of 20

		ASM	E XI	
Test No.	Test Zone			Examination Date
2-CH-004		and the second second second se		and the particular in the particular of the party
	2-SPM-0958-1-6	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-91	C7.70	03/25/95
	2-SPM-095C-2-2	C-H	C7.70	03/25/95
	2-SPM-095C-2-6		B15.60	03/25/95
	2-SPM-095C-2-8	C-H	C7.70	03/25/95
2-CH-005				
	2-5PM-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	815.50	03/25/95
2-CH-006	2-SPM-095C-1-4	B-P	B15.70	03/25/95
2-CH-000	2-SPM-095C-2-3	B-P	815.70	07 / 25 / 05
	2-SPM-095C-2-4	B-P	B15.70	03/25/95
	2-SPM-095C-2-7	C-H	c7.70	03/25/95 03/25/95
2-CV-001	E-964-0396-E-1	<i>с</i> -н	01.10	03/23/43
2 04 001	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		• •	Crite	03/20/73
	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-0908-1-1	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		C7.10	03/25/95
		C-H	C7.30	03/25/95
		C-H	C7.70	03/25/95
		C-H	c7.30	03/25/95
		C-H	C7.70	03/25/95
	2-SPM-102A-2-1	C-H	c7.30	03/25/95
	2-SPM-102A-2-1		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
2.54.002	2-SPM-102B-1-1	C-H	C7.70	03/25/95
2-FW-002	2-00H-07/A-1-2	C-14	07 10	07 (25 (05
	2-SPM-074A-1-2	C-H	C7.10 C7.30	03/25/95
	2-SPM-074A-1-2	C-H	c7.70	03/25/95
	2-SPM-074A-1-2 2-SPM-089A-3-2	C-H	c7.30	03/25/95
	2-SPM-089A-3-2	C-H		03/25/95
	2-SPM-102A-2-2	C-H C-H	C7.70 C7.30	03/25/95 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-1028-1-2		c7.30	03/25/95
	2-SPM-102B-1-2	C-H	c7.70	03/25/95
2-FW-003	E STR LOED I'E	. II		44/ 62/ 73
2	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
				and the second

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 14 of 20

			SME X1	
Test No.	Test Zone	Catego	ry Item No.	Examination Date
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-1028-1-3	C-H	c7.30	03/25/95
	2-SPM-1028-1-3	C-H	C7.70	03/25/95
2-HC-001				
	2-SPM-106A-1-6	C-H	C7.70	03/28/95
2-HC-002				and the second
	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				a service and the service of the ser
	2-SPM-106A-2-4	C-H	C7.70	03/29/95
2-HC-004	a and the second second			
	2-SPM-106A-2-1	C-H	C7.70	03/29/95
	2-SPM-106A-2-5	C-H	C7.70	03/29/95
2-HC-005	E STR ISON E S	4 H	01110	V3/67/73
- 110 000	2-SPM-106A-3-2	C-H	C7.70	03/29/95
2-HV-001	L OTH TOOK J L	C 11	01.10	03/64/43
E 114 001	2-SPB-006A-2-1	C-H	C7.70	07 / 35 / 05
2-HV-002	E OFD OUGH E I	C-11	67.70	03/25/95
5-HV-002	2.000.0044.2.2	e	67 70	07 (05 (05
2-LM-001	2-SPB-006A-2-2	C-H	C7.70	03/25/95
2-LM-001	2 000 0001 1 1		-7.70	
	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	The last second second			
	2-SPM-070B-2-2	C-H	C7.30	03/25/95
	2-SPM-0708-2-2	C-H	C7.70	03/25/95
2-W2-003				
	2-SPM-0708-3-2	C-H	C7.30	03/25/95
	2-SPM-0708-3-2	C-H	C7,70	03/25/95
2-MS-004				
	2-SPM-0708-1-2	C-H	C7.30	02/20/95
	2-SPM-0708-1-2	C-H	C7.70	02/20/95
	2-SPM-0708-2-3	C-H	C7.30	02/20/95
	2-SPM-070B-2-3	C-H	C7.70	02/20/95
	2-SPM-0708-3-3	C-H	C7.30	02/20/95
	2-SPM-0708-3-3	C-H	C7.70	02/20/95
2-RC-001				
	2-SPM-0898-1-1	B-P	B15.50	05/30/95
	2-SPM-0898-1-2	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	
	2-SPM-093A-1-1			05/30/95
		B-P	815.50	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-093A-3-3 2-SPM-093B-1-1	8-P 8-P	B15.70 515.20	05/30/95 05/30/95

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 15 of 20

		ASM	EXI				
Test No.	Test Zone	Category	Item No.	Examinatio	on Date		
2-RC-001 C	ontinued		Contract of Street of Streets		Contraction of the Section		
	2-SPM-0938-1-1	B-P	B15.70	05/30/95			
	2-SPM-0938-1-2	B-P	B15.70	05/30/95			
	2-SPM-0938-1-3	B-P	B15.70	05/30/95			
	2-SPM-0938-1-4	B-P	B15.70	05/30/95			
	2-SPM-093D-1-1	B-P	B15.50	05/30/95			
	2-SPM-0930-1-1	B-P	B15.70	05/30/95			
	2-SPM-0930-2-1	B-P	615.70	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		B15.70	05/30/95			
	2-SPM-094A-2-2	B-P	B15.70	05/30/95			
	2-SPM-095C-1-2		B15.50	05/30/95			
	2-SPM-095C-1-2						
		B-P	B15.70	05/30/95			
	2-SPM-0968-1-1		B15.50	05/30/95			
	2-SPM-0968-1-1		B15.70	05/30/95			
	2-SPM-0968-1-3		B15.70	05/30/95			
	2-SPM-0968-1-3		C7.30	05/30/95			
	2-SPM-096B-1-3	C-H	C7.70	05/30/95			
	2-SPM-0968-2-1	B-P	B15.50	05/30/95			
	2-SPM-0968-2-1	B-P	B15.70	05/30/95			
	2-SPM-0968-2-3	B-P	B15.70	05/30/95			
	2-SPM-096B-2-3	C-H	C7.30	05/30/95			
	2-SPM-0968-2-3	C-H	C7.70	05/30/95			
	2-SPM-0968-3-1	B-P	B15.50	05/30/95			
	2-SPM-0968-3-1	B-P	B15.70	05/30/95			
	2-SPM-0968-3-3	B-P	B15.70	05/30/95			
	2-SPM-0968-3-3	C-H	c7.30	05/30/95			
	2-SPM-0968-3-3	C-H	C7.70	05/30/95			
	2-SPM-0968-4-1	B-P	B15.50	05/30/95			
	2-SPM-0968-4-1	B-P	B15.70	05/30/95			
2-RC-002							
	2-SPM-0938-2-1	C-H	c7.70	03/30/95			
2-RH-001		~ "	01110	03/30/95			
E HIL DUT	2-SPM-0898-1-3	C-H	c7.30	03/30/95			
	2-SPM-094A-1-2		c7.30	03/30/95			
	2-SPM-094A-1-2		C7.50	03/30/95			
	2-SPM-094A-1-2	C-H	c7.70	03/30/95			
	2-SPM-094A-1-3	C-H					
	. T. 19939 - 312397 - 0 T		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			1				
	2-SPM-094A-2-5		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			
2-51-001							
	2-SPM-0968-1-2	C-H	C7.10	03/25/95			
	2-SPM-0968-1-2	C-H	C7.30	03/25/95			
	2-SPM-0968-1-2	C-H	C7.70	03/25/95			
2-51-002							
	2-SPM-0968-2-2	C-H	C7.10	03/25/95			
	2-SPM-0968-2-2	C-H	c7.30	03/25/95			
	2-SPM-0968-2-2	C-H	C7.70	03/25/95			
			10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1			

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Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 16 of 20

item number from C7.40

2-si-003         2-spm-0968-3-2         C-H         C7.30         03/25/95           2-si-005         2-spm-0968-3-2         C-H         C7.70         03/25/95           2-si-005         2-spm-0968-1-5         C-H         C7.70         03/25/95           2-si-007         2-spm-0968-1-5         C-H         C7.70         03/26/95           2-si-007         2-spm-096A-1-5         C-H         C7.70         03/26/95           2-si-008         2-spm-096A-1-7         C-H         C7.70         03/26/95           2-si-009         2-spm-096A-1-1         C-H         C7.70         03/26/95           2-si-009         2-spm-096A-2-9         C-H         C7.70         05/24/95           2-si-009         2-spm-096A-2-4         C-H         C7.70         05/24/95           2-si-009         2-spm-096A-2-5         C-H         C7.70         05/24/95           2-si-009         2-spm-096A-2-5         C-H         C7.70         05/24/95           2-si-0096A-1-1         C-H         C7.70         05/24/95           2-si-010         2-spm-0988-1-2         C-H         C7.70         05/24/95           2-si-010         2-spm-096A-1-3         C-H         C7.70         05/24/95				E XI		
2-SPM-0968-3-2         C-H         C7.30         03/25/95           2-SI-005         2-SPM-0968-1-5         C-H         C7.70         03/25/95           2-SI-006         2-SPM-0968-1-5         C-H         C7.70         03/25/95           2-SI-006         2-SPM-0968-1-5         C-H         C7.70         03/26/95           2-SI-007         2-SPM-0968-1-6         C-H         C7.70         03/26/95           2-SI-008         2-SPM-0968-1-7         C-H         C7.70         03/26/95           2-SI-009         2-SPM-0968-1-7         C-H         C7.70         03/26/95           2-SPM-0968-1-1         C-H         C7.70         05/24/95         C-B           2-SPM-096A-2-1         C-H         C7.70         05/24/95         C-S           2-SPM-096A-2-1         C-H         C7.70         05/24/95         C-B           2-SPM-096A-2-5         C-H         C7.70         05/24/95         C-B           2-SPM-096A-2-5         C-H         C7.70         05/24/95         C-B           2-SPM-096A-2-5         C-H         C7.70         05/24/95         C-B           2-SPM-096A-2-6         C-H         C7.70         05/24/95         C-B           2-SPM-096A-1-3	Test No.	Test Zone	Category	Item No.	Examinati	on Date
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-007         2-SPM-096B-1-5         C-H         C7.70         03/26/95           2-SI-007         2-SPM-096A-1-4         C-H         C7.70         03/26/95           2-SI-008         2-SPM-096A-1-5         C-H         C7.70         03/26/95           2-SI-009         2-SPM-096A-1-1         C-H         C7.70         03/26/95           2-SI-009         2-SPM-096A-1-1         C-H         C7.70         03/26/95           2-SI-009         2-SPM-096A-1-1         C-H         C7.70         05/24/95           2-SI-010         2-SPM-096A-2-4         C-H         C7.70         05/24/95           2-SI-010         2-SPM-096A-2-5         C-H         C7.70         05/24/95           2-SI-010         2-SPM-096A-1-2         C-H         C7.70         05/24/95	2-\$1-003					
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         C7.70         03/26/95           2-SI-007         2-SPM-096A-1-5         C-H         C7.70         03/26/95           2-SI-008         2-SPM-096A-1-6         C-H         C7.70         03/26/95           2-SI-009         2-SPM-096A-2-9         C-H         C7.70         03/26/95           2-SI-009         2-SPM-096A-1-1         C-H         C7.70         05/24/95           2-SI-009         2-SPM-096A-2-4         C-H         C7.70         05/24/95           2-SPM-096A-2-4         C-H         C7.70         05/24/95         Chai           2-SPM-096A-2-4         C-H         C7.70         05/24/95         Chai           2-SPM-096A-2-5         C-H         C7.70         05/24/95         Chai           2-SPM-096A-2-6         C-H         C7.70         05/24/95         Chai           2-SPM-096A-2-7         C-H         C7.70         05/24/95         Chai           2-SPM-096A-2-2         C-H         C7.70         05/24/95         Csai           2-SPM-096A-2-3         C-H         C7.70         05/24/95         Csai			C-H		03/25/95	
2-SI-006         2-SPM-096B-1-5         C-H         C7.70         03/30/95           2-SI-007         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-SI-008         2-SPM-096B-1-6         C-H         C7.70         03/26/95           2-SI-009         2-SPM-096B-1-7         C-H         C7.70         03/26/95           2-SI-009         2-SPM-096A-1-1         C-H         C7.70         03/26/95           2-SI-009         2-SPM-096A-1-1         C-H         C7.70         05/24/95           2-SPM-096A-2-4         C-H         C7.70         05/24/95         Chai           2-SPM-096A-2-4         C-H         C7.70         05/24/95         Chai           2-SPM-096A-2-5         C-H         C7.70         05/24/95         Chai           2-SPM-096A-1-2         C-H         C7.70         05/24/95         CS/24/95		2-SPM-0968-3-2	C-H	C7.70	03/25/95	
2-SI-006 2-SPM-096A-1-4 2-SPM-096B-1-6 2-SPM-096B-1-5 2-SPM-096B-1-5 2-SPM-096B-1-7 2-SPM-096B-1-7 2-SPM-096B-1-7 2-SPM-096A-1-1 2-SPM-096A-1-1 2-SPM-096A-1-1 2-SPM-096A-1-1 2-SPM-096A-2-9 2-SPM-096A-2-1 2-SPM-096A-2-1 2-SPM-096A-2-1 2-SPM-096A-2-1 2-SPM-096A-2-1 2-SPM-096A-2-1 2-SPM-096A-2-1 2-SPM-096A-2-2 2-SPM-096A-2-2 2-SPM-096A-2-2 2-SPM-096A-2-2 2-SPM-096A-2-2 2-SPM-096A-2-2 2-SPM-096A-2-2 2-SPM-096A-2-2 2-SPM-096A-2-2 2-SPM-096A-2-2 2-SPM-096A-2-2 2-SPM-096A-2-2 2-SPM-096A-2-2 2-SPM-096A-1-3 2-SPM-096A-1-2 2-SPM-096A-1-3 2-SPM-096A-1-3 2-SPM-096A-1-3 2-SPM-096A-1-3 2-SPM-096A-1-3 2-SPM-096A-1-3 2-SPM-096A-1-3 2-SPM-096A-1-3 2-SPM-096A-1-3 2-SPM-096A-1-3 2-SPM-096A-1-3 2-SPM-096A-1-3 2-SPM-096A-2-10 2-SPM-096A-3-1 2-SPM-096A-3-1 2-SPM-096A-3-1 2-SPM-096A-3-1 2-SPM-096A-3-1 2-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-5 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-SPM-096B-4-7 3-S	2-\$1-005					
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-SI-008         2-SPM-096A-2-9         C-H         C7.70         03/26/95           2-SI-009         2-SPM-096A-1-7         C-H         C7.70         03/26/95           2-SI-009         2-SPM-096A-1-1         C-H         C7.70         05/24/95           2-SI-009         2-SPM-096A-1-1         C-H         C7.70         05/24/95           2-SI-009         2-SPM-096A-1-4         C-H         C7.70         05/24/95           2-SI-009         2-SPM-096A-2-1         C-H         C7.70         05/24/95           2-SI-006A-2-1         C-H         C7.70         05/24/95         Chai           2-SI-006A-2-5         C-H         C7.70         05/24/95         Chai           2-SI-010         2-SI-096A-2-5         C-H         C7.70         05/24/95           2-SI-010         2-SI-095B-2-7         C-H         C7.70         05/24/95           2-SI-010         2-SI-095B-2-7         C-H         C7.70         05/24/95           2-SI-011         2-SI-096A-1-2         C-H         C7.70         05/24/95           2-SI-		2-SPM-096B-1-5	C-H	C7.70	03/30/95	
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2-SPM-096A-1-5         C-H         C7.70         03/26/95           2-SI-008         2-SPM-096B-1-6         C-H         C7.70         03/26/95           2-SI-009         2-SPM-096A-2-9         C-H         C7.70         03/26/95           2-SI-009         2-SPM-096A-1-1         C-H         C7.70         03/26/95           2-SI-009         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         C7.70         05/24/95           2-SPM-096A-2-5         C-H         C7.70         05/24/95           2-SPM-096A-2-5         C-H         C7.70         05/24/95           2-SPM-096A-2-5         C-H         C7.70         05/24/95           2-SPM-096A-2-5         C-H         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         05/24/95	2-\$1-007					
2-SPM-0968-1-6         C-H         C7.70         03/26/95           2-SI-008         2-SPM-096A-2-9         C-H         C7.70         03/26/95           2-SI-009         2-SPM-096A-1-1         C-H         C7.70         03/26/95           2-SI-009         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-2-1         C-H         C7.70         05/24/95           2-SPM-096A-2-5         C-H         C7.70         05/24/95           2-SPM-096A-1-2         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         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SPM-096		2-SPM-0964-1-5	C-H	C7 70	03/26/05	
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2-SPM-096A-2-9         C-H         C7.70         03/26/95           2-SI-009         2-SPM-096A-1-1         C-H         C7.70         03/26/95           2-SI-009         2-SPM-096A-1-1         C-H         C7.70         05/24/95           2-SPM-096A-1-1         C-H         C7.70         05/24/95           2-SPM-096A-2-4         C-H         C7.30         05/24/95           2-SPM-096A-2-5         C-H         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H	2-51-008	2 3111 0700 1 0	C B	01.10	03/20/93	
2-SPM-096B-1-7         C-H         C7.70         03/26/95           2-SI-009         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-2-1         C-H         C7.70         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-SPM-096A-2-5         C-H         C7.70         05/24/95           2-SPM-096A-2-5         C-H         C7.70         05/24/95           2-SPM-096A-2-5         C-H         C7.70         05/24/95           2-SPM-096A-1-6         C-H         C7.70         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-3-1         C-H         C7.70 <td>2 31 000</td> <td>2-SDM-0064-2-0</td> <td>C H</td> <td>07 70</td> <td>07/26/05</td> <td></td>	2 31 000	2-SDM-0064-2-0	C H	07 70	07/26/05	
2-SI-009 2-SPM-096A-1-1 C-H C7.50 05/24/95 2-SPM-096A-2-1 C-H C7.70 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-SPM-096A-2-5 C-H C7.70 05/24/95 2-SPM-096A-2-5 C-H C7.70 05/24/95 2-SPM-095B-2-7 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-095B-2-8 C-H C7.70 05/24/95 2-SPM-096A-1-2 C-H C7.70 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-SPM-096A-2-2 C-H C7.70 05/24/95 2-SPM-096A-3-1 C-H C7.70 05/24/95 2-SPM-096B-4-5 C-H C7.70 05/24/95 2-SPM-096B-4-7 B-P B15.70 05/24/95 2-SPM-096B-4-7 B-P B15.70 05/24/95 2-SPM-096B-4-7 C-H C7.70 05/24/95 2-SPM-096B-4-2 C-H C7.70 05/24/95 2-S						
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         C7.70         05/24/95           2-SPM-096A-2-5         C-H         C7.70         05/24/95           2-SPM-096A-2-7         C-H         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95 <td>0 et 000</td> <td>5-26W-0A08-1-1</td> <td>C-H</td> <td>Cr.70</td> <td>03/26/95</td> <td></td>	0 et 000	5-26W-0A08-1-1	C-H	Cr.70	03/26/95	
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         C7.70         05/24/95           2-SPM-096A-2-5         C-H         C7.70         05/24/95           2-SPM-096A-2-5         C-H         C7.70         05/24/95           2-SPM-096A-2-5         C-H         C7.70         05/24/95           2-SPM-096A-2-5         C-H         C7.70         05/24/95           2-SPM-095B-2-7         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         C7.70         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-3-1         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95 </td <td>5-21-004</td> <td></td> <td></td> <td></td> <td></td> <td></td>	5-21-004					
2-SPM-096A-2-1         C-H         C7.70         05/24/95         Chai           2-SPM-096A-2-4         C-H         C7.70         05/24/95         Chai           2-SPM-096A-2-5         C-H         C7.70         05/24/95         Chai           2-SPM-096A-2-5         C-H         C7.70         05/24/95         Chai           2-SPM-088A-1-6         C-H         C7.70         05/24/95         Chai           2-SPM-096A-2-5         C-H         C7.70         05/24/95         Chai           2-SPM-098A-1-6         C-H         C7.70         05/24/95         Chai           2-SPM-095B-2-7         C-H         C7.70         05/24/95         Chai           2-SPM-096A-1-2         C-H         C7.70         05/24/95         Chai           2-SPM-096A-1-2         C-H         C7.70         05/24/95         Chai           2-SPM-096A-1-3         C-H         C7.70         05/24/95         Chai           2-SPM-096A-3-1         C-H         C7.70         05/24/95         Chai           2-SPM-096A-3-1         C-H         C7.70         05/24/95         Chai         C7.70         05/24/95         Chai           2-SPM-096B-4-5         C-H         C7.70         05/24/95						
2-SPM-096A-7-4         C-H         C7.30         05/24/95         Chai           2-SI-010         2-SPM-096A-2-5         C-H         C7.70         05/24/95           2-SI-010         2-SPM-088A-1-6         C-H         C7.70         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         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-						
2-SPM-096A-2-4         C-H         C7.70         05/24/95           2-SI-010         2-SPM-088A-1-6         C-H         C7.70         05/24/95           2-SI-010         2-SPM-088A-1-6         C-H         C7.70         05/24/95           2-SPM-088A-1-6         C-H         C7.70         05/24/95           2-SPM-095B-2-7         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         C7.70         05/24/95           2-SPM-096A-1-3         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-3-1         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-7         R-		2-SPM-096A-2-1	C-H	C7.70	05/24/95	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		2-SPM-09644	C-H	C7.30	05/24/95	Changed
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		2-SPM-096A-2-4	C-H	C7.70	05/24/95	
2-SI-010 2-SPM-088A-1-6 C-H C7.30 05/24/95 2-SPM-095B-27 C-H C7.70 05/24/95 2-SPM-095B-27 C-H C7.70 05/24/95 2-SPM-096A-1-2 C-H C7.70 05/24/95 2-SPM-096A-1-2 C-H C7.70 05/24/95 2-SPM-096A-1-2 C-H C7.70 05/24/95 2-SPM-096A-2-10 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-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 C7.70 05/24/95 2-SPM-096B-4-5 C-H C7.70 05/24/95 2-SPM-096B-4-5 C-H C7.70 05/24/95 2-SPM-096B-4-7 B-P B15.70 05/24/95 2-SPM-096B-4-7 B-P B15.70 05/24/95 2-SPM-096B-4-7 C-H C7.70 05/24/95 2-SPM-096B-4-2 C-H C7.70 05/24/95 2-SPM-096B-4-4 C-H C7.70 05/24/95		2-SPM-096A-2-5	C-H		·	
2-SPM-088A-1-6         C-H         C7.30         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-2-7         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         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         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-3-1         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.30         05/24/95           2-SPM-096B-4-5         B-P         B15.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-7         B-P         B15.70         05/24/95           2-SPM-096B-4-8         C-H         C7.70         05/24/95	2-51-010					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		2-SPM-088A-1-6	C-H	C7 30	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         C7.70         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-1-3         C-H         C7.70         05/24/95           2-SPM-096A-2-10         C-H         C7.70         05/24/95           2-SPM-096A-2-10         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         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         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-7         C-H         C7.70         05/24/95           2-SPM-096B-4-7         C-H         C7.70         05/24/95						
2-SPM-095B-2-7         C-H         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         05/24/95           2-SPM-096A-1-2         C-H         C7.70         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-2-10         C-H         C7.70         05/24/95           2-SPM-096A-2-2         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         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         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-7         C-H         C7.70         05/24/95           2-SPM-096B-4-7         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         C7.70         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-2-10         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         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-SPM-096B-4-7         C-H         C7.70         05/24/95           2-SPM-096B-4-7         C-H         C7.70         05/24/95<						
2-SPM-096A-1-2         C-H         C7.50         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-2-10         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-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         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         C7.70         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-SPM-096B-4-7         B-P         B15.70         05/24/95           2-SPM-096B-4-7         B-P         B15.70         05/24/95           2-SPM-096B-4-7         C-H         C7.70         05/24						
2-SPM-096A-1-2         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-SPM-096A-2-2         C-H         C7.70         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         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-7         C-H         C7.70         05/24/95           2-SPM-096B-4-8         C-H         C7.70         05/24/95           2-SPM-096B-4-7         B-P         B15.70         05/24/95           2-SPM-096B-4-7         B-P         B15.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/9						
2-SPM-096A-1-3 C-H C7.70 05/24/95 2-SPM-096A-2-2 C-H C7.70 05/24/95 2-SPM-096A-3-1 C-H C7.70 05/24/95 2-SPM-096A-3-1 C-H C7.70 05/24/95 2-SPM-096B-3-1 C-H C7.30 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-4-5 C-H C7.70 05/24/95 2-SPM-096B-4-8 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-4-7 B-P B15.70 05/24/95 2-SPM-096B-4-7 B-P B15.70 05/24/95 2-SPM-096B-4-7 C-H C7.70 05/24/95 2-SPM-096A-2-6 C-H C7.70 05/24/95 2-SPM-096A-2-6 C-H C7.70 05/24/95 2-SPM-096A-2-7 C-H C7.70 05/24/95 2-SPM-096A-2-7 C-H C7.70 05/24/95 2-SPM-096A-2-7 C-H C7.70 05/24/95 2-SPM-096A-2-8 C-H C7.70 05/24/95 2-SPM-096A-2-8 C-H C7.70 05/24/95 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SPM-096A-2-7 C-H C7.70 05/24/95 2-SPM-096A-2-7 C-H C7.70 05/24/95 2-SPM-096A-2-8 C-H C7.70 05/24/95 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SPM-096B-4-2 C-H C7.70 05/24/95 2-SPM-096A-2-8 C-H C7.70 05/24/95 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SPM-096B-4-4 C-H C7.70 05/24/95			1990 P.C.			
2-SPM-096A-2-10         C-H         C7.70         05/24/95           2-SI-011         2-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SI-011         2-SPM-096A-3-1         C-H         C7.70         05/24/95           2-SPM-096A-3-1         C-H         C7.70         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         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-6         C-H         C7.70         05/24/95           2-SPM-096B-4-7         C-H         C7.70         05/24/95           2-SPM-096B-4-8         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         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-6						
2-SPM-096A-2-2         C-H         C7.70         05/24/95           2-SI-011         2-SPM-096A-3-1         C-H         C7.70         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         C-H         C7.70         05/24/95           2-SPM-096B-4-7         C-H         C7.70         05/24/95           2-SPM-096B-4-8         C-H         C7.70         05/24/95           2-SPM-096B-4-7         B-P         B15.70         05/24/95           2-SPM-096B-4-7         B-P         B15.70         05/24/95           2-SPM-096B-4-7         C-H         C7.70         05/24/95           2-SPM-096B-4-7         C-H         C7.70         05/24/95           2-SPM-096A-2-6         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-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 C7.30 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-SPM-096B-4-6 C-H C7.70 05/24/95 2-SPM-096B-4-9 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 C7.70 05/24/95 2-SPM-096B-4-2 C-H C7.70 05/24/95 2-SPM-096A-2-8 C-H C7.70 05/24/95 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SPM-096B-4-2 C-H C7.70 05/24/95 2-SPM-096B-4-2 C-H C7.70 05/24/95 2-SPM-096B-4-2 C-H C7.70 05/24/95 2-SPM-096B-4-2 C-H C7.70 05/24/95		2-SPM-096A-2-10	C-H	C7.70	05/24/95	
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         C7.30         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         C7.30         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         05/24/95           2-SPM-096B-4-7         C-H         C7.70         05/24/95           2-SPM-096B-4-8         C-H         C7.70         05/24/95           2-SI-013         2-SPM-096B-4-7         C-H         C7.70         05/24/95           2-SI-014         2-SPM-096B-4-7         B-P         B15.70         05/24/95           2-SPM-096B-4-7         B-P         B15.70         05/24/95           2-SPM-096B-4-7         C-H         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-7		2-SPM-096A-2-2	C-H	C7.70	05/24/95	
2-SPM-096A-3-1       C-H       C7.30       05/24/95         2-SPM-096B-4-5       B-P       B15.70       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       C7.30       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-SPM-096B-4-8       C-H       C7.70       05/24/95         2-SI-012       2-SPM-096B-4-8       C-H       C7.70       05/24/95         2-SI-013       2-SPM-096B-4-7       C-H       C7.70       05/24/95         2-SI-014       2-SPM-096B-4-7       C-H       C7.70       05/24/95         2-SPM-096B-4-7       C-H       C7.70       05/24/95         2-SPM-096B-4-7       C-H       C7.70       05/24/95         2-SPM-096B-4-7       C-H       C7.70       05/24/95         2-SPM-096B-4-2       C-H       C7.70       05/24/95         2-SPM-096A-2-6       C-H       C7.70       05/24/95         2-SPM-096A-2-7	2-51-011					
2-SPM-096A-3-1       C-H       C7.30       05/24/95         2-SPM-096B-4-5       B-P       B15.70       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       C7.30       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-SPM-096B-4-8       C-H       C7.70       05/24/95         2-SI-012       2-SPM-096B-4-8       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-096B-4-7       C-H       C7.70       05/24/95         2-SPM-096B-4-7       C-H       C7.70       05/24/95         2-SPM-096B-4-7       C-H       C7.70       05/24/95         2-SPM-096B-4-7       C-H       C7.70       05/24/95         2-SPM-096B-4-2       C-H       C7.70       05/24/95         2-SPM-096A-2-6       C-H       C7.70       05/24/95         2-SPM-096A-2-7		2-SPM-096A-3-1	C-H	C7.10	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         C7.70         05/24/95           2-SPM-096B-4-5         C-H         C7.70         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-SPM-096B-4-8         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-4-8         C-H         C7.70         05/24/95           2-SI-013         2-SPM-096B-4-7         C-H         C7.70         05/24/95           2-SI-014         2-SPM-096B-4-7         B-P         B15.70         05/24/95           2-SPM-096B-4-7         B-P         B15.70         05/24/95           2-SPM-096B-4-7         C-H         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-7         C-H         C7.70         05/24/95           2-SPM-						
2-SPM-0968-4-5         B-P         B15.70         05/24/95           2-SPM-0968-4-5         C-H         C7.30         05/24/95           2-SPM-0968-4-5         C-H         C7.70         05/24/95           2-SPM-0968-4-8         C-H         C7.70         05/24/95           2-SPM-0968-4-8         C-H         C7.70         05/24/95           2-SPM-0968-4-8         C-H         C7.70         05/24/95           2-SI-012         2-SPM-0968-4-6         C-H         C7.70         05/24/95           2-SI-013         2-SPM-0968-4-7         C-H         C7.70         05/24/95           2-SI-014         2-SPM-0968-4-7         C-H         C7.70         05/24/95           2-SI-014         2-SPM-0968-4-7         B-P         B15.70         05/24/95           2-SPM-0968-4-7         B-P         B15.70         05/24/95           2-SPM-0968-4-7         C-H         C7.70         05/24/95           2-SPM-0968-4-7         C-H         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-7         C-H         C7.70         05/24/95           2-SPM-096A-2-7         C-H         C7.70         05/24/95						
2-SPM-0968-4-5         C-H         C7.30         05/24/95           2-SPM-0968-4-5         C-H         C7.70         05/24/95           2-SPM-0968-4-8         C-H         C7.70         05/24/95           2-SI-012         2-SPM-0968-4-6         C-H         C7.70         05/24/95           2-SI-013         2-SPM-0968-4-6         C-H         C7.70         05/24/95           2-SI-014         2-SPM-0968-4-9         C-H         C7.70         05/24/95           2-SI-014         2-SPM-0968-4-9         C-H         C7.70         05/24/95           2-SI-014         2-SPM-0968-4-7         B-P         B15.70         05/24/95           2-SPM-0968-4-7         B-P         B15.70         05/24/95           2-SPM-0968-4-7         C-H         C7.70         05/24/95           2-SPM-0968-4-7         C-H         C7.70         05/24/95           2-SPM-0968-4-7         C-H         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-7         C-H         C7.70         05/24/95           2-SI-016         1 <spm-096a-2-7< td="">         C-H         C7.70         05/24/95           2-SPM-0968-4-3         C-H         &lt;</spm-096a-2-7<>						
2-SPM-0968-4-5         C-H         C7.70         05/24/95           2-SI-012         2-SPM-0968-4-8         C-H         C7.70         05/24/95           2-SI-013         2-SPM-0968-4-6         C-H         C7.70         05/24/95           2-SI-013         2-SPM-0968-4-9         C-H         C7.70         05/24/95           2-SI-014         2-SPM-0968-4-9         C-H         C7.70         05/24/95           2-SI-014         2-SPM-0968-4-7         B-P         B15.70         05/24/95           2-SPM-0968-4-7         B-P         B15.70         05/24/95           2-SPM-0968-4-7         C-H         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-7         C-H         C7.70         05/24/95           2-SPM-096A-2-7         C-H         C7.70         05/24/95           2-SPM-0968-4-3         C-H         C7.70						
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-096B-4-9         C-H         C7.70         05/24/95           2-SI-014         2-SPM-096B-4-7         B-P         B15.70         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-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-7         C-H         C7.70         05/24/95           2-SPM-096A-2-7         C-H         C7.70         05/24/95           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-SPM-096B-4-3         C-H         C7.70         05/24/95						
2-SI-012 2-SPM-0968-4-6 C-H C7.70 05/24/95 2-SI-013 2-SPM-0968-4-9 C-H C7.70 05/24/95 2-SPM-0968-4-7 B-P B15.70 05/24/95 2-SPM-0968-4-7 C-H C7.70 05/24/95 2-SPM-0968-4-7 C-H C7.70 05/24/95 2-SPM-0968-4-7 C-H C7.70 05/24/95 2-SPM-096A-2-6 C-H C7.70 05/24/95 2-SPM-096A-2-7 C-H C7.70 05/24/95 2-SPM-096A-2-7 C-H C7.70 05/24/95 2-SI-016 1 SPM-096A-2-7 C-H C7.70 05/24/95 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SPM-096B-4-4 C-H C7.70 05/24/95					and the second sec	
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-SPM-096A-2-6 C-H C7.70 05/24/95 2-SPM-096A-2-6 C-H C7.70 05/24/95 2-SPM-096A-2-7 C-H C7.70 05/24/95 2-SI-016 2-SPM-096A-2-7 C-H C7.70 05/24/95 2-SI-017 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SI-017 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SI-017		2-25W-0408-4-8	C-H	67.70	05/24/95	
2-SI-013 2-SPM-096B-4-9 C-H C7.70 05/24/95 2-SI-014 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 C7.30 05/24/95 2-SPM-096B-4-7 C-H C7.70 05/24/95 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-SI-017 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SI-017 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SI-017	2-51-012	a sub anis s is	1.1			
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         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-SPM-096B-4-7         C-H         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-7         C-H         C7.70         05/24/95           2-SPM-096A-2-8         C-H         C7.70         05/24/95           2-SPM-096B-4-3         C-H         C7.70         05/24/95           2-SPM-096B-4-3         C-H         C7.70         05/24/95           2-SPM-096B-4-3         C-H         C7.70         05/24/95           2-SPM-096B-4-3         C-H         C7.70         05/24/95           2-SPM-096B-4-4         C-H         C7.70<		2-SPM-0968-4-6	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-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-SI-017 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SI-017 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SI-017	2-51-013	the second second second second				
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-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-SI-017 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SI-017 2-SPM-096B-4-3 C-H C7.70 05/24/95 2-SI-017		2-SPM-0968-4-9	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-SPM-096B-4-7         C-H         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-7         C-H         C7.70         05/24/95           2-SPM-096A-2-7         C-H         C7.70         05/24/95           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-SPM-096B-4-3         C-H         C7.70         05/24/95           2-SPM-096B-4-3         C-H         C7.70         05/24/95           2-SPM-096B-4-4         C-H         C7.70         05/24/95	2-\$1-014					
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-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SPM-096A-2-7         C-H         C7.70         05/24/95           2-SI-016         1         SPM-096A-2-7         C-H         C7.70         05/24/95           2-SI-017         2-SPM-096B-4-3         C-H         C7.70         05/24/95           2-SI-017         2-SPM-096B-4-3         C-H         C7.70         05/24/95           2-SI-017         2-SPM-096B-4-2-8         C-H         C7.70         05/24/95		2-SPM-096A-3-2	C-H	C7.70	05/24/95	
2-SPM-0968-4-7         C-H         C7.30         05/24/95           2-SPM-0968-4-7         C-H         C7.70         05/24/95           2-SI-015         2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SI-016         2-SPM-096A-2-6         C-H         C7.70         05/24/95           2-SI-016         2-SPM-096A-2-7         C-H         C7.70         05/24/95           2-SI-016         2-SPM-096A-2-7         C-H         C7.70         05/24/95           2-SI-017         2-SPM-096B-4-3         C-H         C7.70         05/24/95           2-SI-017         2-SPM-096B-4-3         C-H         C7.70         05/24/95           2-SI-017         2-SPM-096B-4-3         C-H         C7.70         05/24/95		2-SPM-0968-4-7	B-P	B15.70		
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2-\$1-017 2-\$PM-096A-2-8 C-H C7.70 05/24/95 2-\$PM-096B-4-4 C-H C7.70 05/24/95						
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-SPM-0968-4-3	C-H	C7.70	05/24/95	
2-SPM-0968-4-4 C-H C7.70 05/24/95	2-51-017					
		2-SPM-096A-2-8	C-H		05/24/95	
2-VP-001		2-SPM-0968-4-4	C-H	C7.70	05/24/95	
H	2-VP-001					
2-SPM-072A-2-1 C-H C7.70 03/30/95		2-SPM-072A-2-1	C-H	C7.70	03/30/95	

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 17 of 20

- 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.

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 18 of 20

2-PT-48.1 Continued 2-RH-31 Pack

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 benched 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:

 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.

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 19 of 20

- 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.
- 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.
- 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.
- 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.
- 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

Docket Number: 50-339 Serial Number: 96-629 Attachment 1 Page 20 of 20

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

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 1 of 68

## 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.

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 2 of 68

- 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.

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 3 of 68

- 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.

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 4 of 68

- 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, Rev. 1 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.

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 5 of 68

- 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.

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 6 of 68

#### 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 & Pewer Company	Date 8-30-96
	Scco Dominion Blud. Elen Allen, VA 23060	Sheet of
2.	Plane North Anna Power Station	Unit
	P.O. Box 402, Mineral VA 23117	R/R 96-175 W.O. 00339337-01 DCP 95-216 Repair Organization P.O. No., Job No., etc.
3.	Work Performed by Virginia Electric & Power Company	T /pe Code Symbol Stamp_N/A
	5000 Dominian Blud, Glen Allen, VA 23060	Authorization No
4.	Identification of System Chemical & Volume Con- Draft ASME Pump & Valu	trol (CH) e Code 1967

5. (a) Applicable Construction Code AN51 B31.7 19 6 9 Edition, 1970 Addende, 78 9(83/8), 115 Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 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)
Simp Head Assembly	Ingersell - Dresser	Job No. NR60476	N/A	2-CH-P-1A	1996	Replacement	No
E & Hex Nut	Texas Bult	Hent No. 0566265	N/H	2-CH-P-1A	1996	Replacement	No
14 & Stud	Cardinal	Hert No. 8097296	N/A	2-CH-P-1A	1992	Replacement	No
Se & All Thread	A&G Engr.	Hent No. 50035	NA	2- CH-P-1A	1992	Replacement	No

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.

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

## FORM NIS-2 (Back)

	Applicable Manufacturer's Data Reports to be attached
	1. 이번 영양 영상은 영상을 통하는 것이라는 것이 같아요. 것이 아주 것이 아주 것이 아주 것이 가지?
an balan da kana kana kana kana kana kana kana	
We certify that the statement	CERTIFICATE OF COMPLIANCE
ASME Code, Section XI.	ts made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
	사람이 없는 눈님 것이 그 집에서 가지는 것을 가지 않는 것을 수 없다.
Type Code Symbol Stamp	NA
	.14
Sertificate of Authorization No.	V/A Expiration Date N/A
20 N/ -11	A 1
Signed Ammed	+SI Engineer Date August 30 1996
Owner or Owner's Designee,	V/A Expiration Date //4 FST Engineer Date August 30, 1996
Owner or Owner's Designee,	
	CERTIFICATE OF INSERVICE INSPECTION
, the undersigned, holding a valid com	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat
, the undersigned, holding a valid common Province of	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed by
, the undersigned, holding a valid common Province of	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed by
, the undersigned, holding a valid common pr Province of <u>Virginia</u> <u>Hartford</u> <u>ET</u> n this Owner's Report during the per	CERTIFICATE OF INSERVICE INSPECTION         mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat
, the undersigned, holding a valid common pr Province of <u>Virgenia</u> <u>History</u> <u>CT</u> n this Owner's Report during the per o the best of my knowledge and belie	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed by $\underline{H} \cdot \underline{S} \cdot \underline{B}  \underline{J} \cdot \underline{J}$ have inspected the components describe riod $\underline{3/31/96}$ to $\underline{B/27/96}$ , and state the ef, the Owner has performed examinations and taken corrective measures described in this
, the undersigned, holding a valid common province of <u>Virginic</u> <u>Hertford</u> <u>er</u> In this Owner's Report during the per o the best of my knowledge and belie Owner's Report in accordance with the	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed by $\underline{H} \cdot \underline{S} \cdot \underline{B} \cdot \underline{T} \cdot \underline{T}$ have inspected the components described riod $\underline{3/31/94}$ to $\underline{B/27/94}$ , and state the ef, the Owner has performed examinations and taken corrective measures described in this requirements of the ASME Code, Section XI.
, the undersigned, holding a valid common or Province of <u>Virgenia</u> <u>Hertford</u> <u>ET</u> In this Owner's Report during the per to the best of my knowledge and belie Owner's Report in accordance with the By signing this certificate neither th	CERTIFICATE OF INSERVICE INSPECTION         mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat
, the undersigned, holding a valid common province of <u>Virgense</u> <u>Hertford</u> <u>ET</u> In this Owner's Report during the per- to the best of my knowledge and belie Owner's Report in accordance with the By signing this certificate neither the examinations and corrective measures	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by $\underline{\mathscr{H}}$ . S. $\mathcal{B}$ $\underline{\mathcal{F}}$ . have inspected the components described riad $\underline{3/31/96}$ to $\underline{\mathscr{B}/27/96}$ , and state that ef, the Owner has performed examinations and taken corrective measures described in this requirements of the ASME Code, Section XI. he Inspector nor his employer makes any warranty, expressed or implied, concerning the described in this Owner's Report. Furthermore, neither the Inspector nor his employer
, the undersigned, holding a valid common province of <u>Virgense</u> <u>Hertford</u> <u>ET</u> In this Owner's Report during the per- to the best of my knowledge and belie Owner's Report in accordance with the By signing this certificate neither the examinations and corrective measures	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by $\underline{\mathscr{H}}$ . S. $\mathcal{B}$ $\underline{\mathcal{F}}$ . have inspected the components described riad $\underline{3/31/96}$ to $\underline{\mathscr{B}/27/96}$ , and state that ef, the Owner has performed examinations and taken corrective measures described in this requirements of the ASME Code, Section XI. he Inspector nor his employer makes any warranty, expressed or implied, concerning the described in this Owner's Report. Furthermore, neither the Inspector nor his employer
, the undersigned, holding a valid common Province of <u>Virgensia</u> He-t-ford, et al. In this Owner's Report during the period the best of my knowledge and belie Dwner's Report in accordance with the By signing this certificate neither the examinations and corrective measures shall be liable in any manner for any pen- nspection.	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by $\underline{B}, \underline{S}, \underline{B}, \underline{z}, \underline{z}$ have inspected the components described riod $\underline{3/3/2\ell}$ to $\underline{B/27/3\ell}$ , and state that ef, the Owner has performed examinations and taken corrective measures described in this requirements of the ASME Code, Section X1. the Inspector nor his employer makes any warranty, expressed or implied, concerning the described in this Owner's Report. Furthermore, neither the Inspector nor his employee ersonal injury or property damage or a loss of any kind arising from or connected with this
, the undersigned, holding a valid common Province of <u>Virginia</u> <u>Heat force</u> <u>ET</u> In this Owner's Report during the per- to the best of my knowledge and belie Owner's Report in accordance with the By signing this certificate neither the examinations and corrective measures shall be liable in any manner for any per-	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by $\underline{H} \cdot \underline{S} \cdot \underline{B} \cdot \underline{z} \cdot \underline{z}$ have inspected the components described riod $\underline{3/31/96}$ to $\underline{B/27/96}$ , and state tha ef, the Owner has performed examinations and taken corrective measures described in thi

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 7 of 68

## 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 Date
5000 Dominion Blvd., Glen Allen, VA 23060 Address	Sheet of
Plant North Anna Power Station Name P.O. Box 402, Mineral, VA 23117	Unit2 
Address Work Performed by Virginia Electric & Power Company Name 5000 Dominion Blvd., Glen Allen, VA 23060	Repair Organization P.O. No., Job No., atc. Type Code Symbol StampN/A Authorization NoN/A
Address I. Identification of System Reactor Coolant	Expiration Date

 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
 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufactuzer 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-25518	Unk.	Replaced	No
Nut. 1 3/8" Dia.	Unknown	Unknown	N/A	2-RC-SV-25518	Unk.	Replaced	No
Stud Structual, 1 3/8" Dia.	Mackson, Inc.	Heat No. 8098419	N/A	2-RC-SV-2551B	1996	Heplacement	No
Nut. 1 3/8" Dia.	Mackson, Inc.	Heat No. 29329MY	N/A	2-RC-SV-25518	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% 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.

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

## FORM NIS-2 (Back)

Remarks ASME Class 1	
rformed ASME Section XI preservice VT-1	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
We certify that the statements r ASME Code, Section X1.	made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol Stamp <u>N/A</u>	
Certificate of Authorization No. N/A	Expiration DateN/A
signed Pate & Naughter I Owner & Owner & Designee, Tie	Expiration Date N/A EST Engineer Date September 25, 1996
	CERTIFICATE OF INSERVICE INSPECTION
or Province of VIrginia	ssion issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by $\mathcal{H} : \mathcal{S}, \mathcal{B}: \mathcal{I} \neq \mathcal{I}$ .
Hertford, CT in this Owner's Report during the perio	dhave inspected the components describe
to the best of my knowledge and belief,	the Owner has performed examinations and taken corrective measures described in the quirements of the ASME Code, Section XI.
	Inspector nor his employer makes any warranty, expressed or implied, concerning t
examinations and corrective measures de shall be liable in any manner for any pers inspection.	escribed in this Owner's Report. Furthermore, neither the Inspector nor his employ sonal injury or property damage or a loss of any kind arising from or connected with th
Mark My Hear	Commissions VAY24 EN, A National Board, State, Province, and Endorsements
Inspector's Signature	National Board, State, Province, and Endorsements
Date	0/
Date	<u>76</u>

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 8 of 68

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

. Owner Virginia Electric & Power Company	DateOctober 2, 1996
Name	
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet 1 of 1
Address	and a second
Plant North Anna Power Station	Unit 2
Name	- Onit
P.O. Box 402, Mineral, VA 23117	R/R 96-184 W.O. 327374-02
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Virginia Electric & Power Company	Type Code Symbol StampN/A
Name	N/A
5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A
Address	Expiration Date
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.	nknown	Unknown	N/A	2-MS-SV-2018	Unk.	Replaced	No
Nut, 1 3/81 Dia.	Unknown	Unknown	N/A	2-MS-SV-2018	Unk.	Replaced	No
Stud Structual. 1 3/8" Dia.	Mackson, Inc.	Heat No. 8098419	N/A	2-MS-SV-2018	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 eig't 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% 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.

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

## FORM NIS-2 (Back)

Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF COMPLIANCE
We certify that the statements made ASME Code, Section X1.	e in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization No. N/A	Expiration DateN/A
Signed Pate House I	52 Engineer Date Cother 2 , 1996
I, the undersigned, holding a valid commission	RTIFICATE OF INSERVICE INSPECTION n issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta employed by
Hertfort, CT	have inspected the components describ 3/11-176
in this Owner's Report during the period	Owner has performed examinations and taken corrective measures described in the
in this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the require	
to the best of my knowledge and belief, the Owner's Report in accordance with the require By signing this certificate neither the Insp examinations and corrective measures descrit	

9. Remarks ____ASME Class 2

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 9 of 68

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

1. Owner Virginia Electric & Power Company	October 2, 1996
Name 5000 Dominion Blvd., Glen Allen, VA 23060 Address	Sheet 0f
2. Plant North Anna Power Station	Unit 2
Name P.O. Box 402, Mineral, VA 23117	R/R 96-185 W.O. 327375-02
Address	Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company	Type Code Symbol StampN/A
Name 5000 Dominion Blvd., Gien Allen, VA 23060	Authorization NoN/A
Address 4. Identification of SystemMain Steam	Expiration Date
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edit	ion, 1970 Addenda, 78, 81, 83(R), 115 Code Case

86 (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.	Cther 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-5V-201C	Unk.	Replaced	No
Stud Structual, 1 3/8" Dia.	Mackson, Inc.	Heat No. 8098419	N/A	2-MS-SV-201C	1936	Seplacement	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._____ºF

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.

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

## FORM NIS-2 (Back)

Applicable Manufacturer's Data Reports to be attached

9. Remarks ____ASME Class 2

	CERTIFICATE OF COMPLIANCE
We certify that the statements made i ASME Code, Section XI.	in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization No. N/A	Expiration Date N/A
Signed Pate INaught 752 Owner & Owner's Designee, Title	Eugeneer Date October 2 1996
CER	TIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission i or Province of Virginia and e	ssued by the National Board of Boiler and Pressure Vessel Inspectors and the Stamployed by $\mathcal{H} \cdot \mathcal{S} \cdot \mathcal{B} \cdot \mathcal{F} \cdot \mathcal{F}$
or Province of Virginia and e	have inspected the components describ
in this Owner's Report during the period	3/18/56 to 1/24/56 and state th
in this Owner's Report during the period	wher has performed examinations and taken corrective measures described in the
in this Owner's Report during the period to the best of my knowledge and belief, the O Owner's Report in accordance with the requirem	3/17/56 to 7/24/56 and state the twner has performed examinations and taken corrective measures described in the ments of the ASME Code, Section XI.
in this Owner's Report during the period to the best of my knowledge and belief, the O Owner's Report in accordance with the requirem By signing this certificate neither the Inspe- examinations and corrective measures describe	3/17/54 to 7/24/56, and state the twner has performed examinations and taken corrective measures described in the nents of the ASME Code, Section XI. ctor nor his employer makes any warranty, expressed or implied, concerning to ad in this Owner's Report. Furthermore, neither the Inspector nor his employ
in this Owner's Report during the period to the best of my knowledge and belief, the O Owner's Report in accordance with the requirem By signing this certificate neither the Insper examinations and corrective measures describe shall be liable in any manner for any personal i inspection.	3/17/54 to 7/24/56, and state the twner has performed examinations and taken corrective measures described in the ments of the ASME Code, Section XI. ector nor his employer makes any warranty, expressed or implied, concerning to ad in this Owner's Report. Furthermore, neither the Inspector nor his employ injury or property damage or a loss of any kind arising from or connected with the
in this Owner's Report during the period to the best of my knowledge and belief, the O Owner's Report in accordance with the requirem By signing this certificate neither the Insper examinations and corrective measures describe shall be liable in any manner for any personal i inspection.	wher has performed examinations and taken corrective measures described in the

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 10 of 68

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

. Owner Virginia Electric & Power Company	DateOctober 2, 1996
Name	
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet 1 of 1
Address	
Plant North Anna Power Station	Unit 2
Name	
P.O. Box 402, Mineral, VA 23117	R/R 96-187 W.O. 327377-02
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Virginia Electric & Power Company	Type Code Symbol Stamp N/A
Name	N/A
5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A
Address	Expiration Date
Identification of System Main Steam	

5. (a) Applicable Construction Code ANSI 831.7 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-2028	Unk.	Replaced	No
Nut, 1 3/8" Dia.	Unknown	Unknown	N/A	2-MS-SV-2028	Unk.	Replaced	No
Stud Structual, 1 3/8" Dia.	Mackson, Inc.	Heat No. 8098419	N/A	2-MS-SV-2028	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 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.

(12/82)

Applicable Manufacturer's Data Reports to be attached

9. Remarks ____ASME Class 2

CERT	IFICATE 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 X1.	repair or replacement
Type Code Symbol Stamp_N/A	
	(a) all additional distributions of the second s
Certificate of Authorization No. N/A	Expiration Date N/A
Signed Patr faturates ISZ E Owner or Owner's Designee, Title	Enginee- Date October 2 1996
CERTIFI	CATE OF INSERVICE INSPECTION
the undersigned, holding a valid commission issued or Province of Virginitian and emplo	by the National Board of Boiler and Pressure Vessel Inspectors and the Staryed by $M$ , $S$ , $B$ , $T$ + $T$
Hertford, ET	have inspected the components describ
in this Owner's Report during the period	have inspected the components describ 3/1+186 to $8/2+186$ , and state the
	has performed examinations and taken corrective measures described in the
Owner's Report in accordance with the requirements	
	nor his employer makes any warranty, expressed or implied, concerning t
	this Owner's Report. Furthermore, neither the Inspector nor his employ
	or property damage or a loss of any kind arising from or connected with t
shall be liable in any manner for any personal injury inspection.	
shall be liable in any manner for any personal injury	Commissions VA424 Z, N, A National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 11 of 68

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

I. Owner Virginia Electric & Power Company	DateOctober 2, 1996
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet 1 of 1
Address PlantNorth Anna Power Station	Unit 2
Neme P.O. Box 402, Mineral, VA 23117	R/R 96-188 W.O. 327378-02
Address Work Performed by Virginia Electric & Power Company	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name 5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A
Address Identification of System Main Steam	

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, 1970 Addenda, 78, 81, 83(R), 115Code 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 Structual, 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 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.

(12/82)

Applicable Manufacturer's Data Reports to be attached

CEP	RTIFICATE OF COMPLIANCE
	the report are correct and thisreplacement conforms to the rules of the
ASME Code, Section X1.	repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization No. N/A	N/A
	Expiration Date
Signed Pate & Maught ISP	Engineer Date October 2, 1996
Owner or Owner's Designee, Title	
	Research and a second
A FIGURE A STRUCTURE AND A STRUCTURE OF A STRUCTURE AND A	
CERTIF	FICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issue	FICATE OF INSERVICE INSPECTION ed by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
I, the undersigned, holding a valid commission issue	ed by the National Board of Boiles and Brauna March Land
I, the undersigned, holding a valid commission issue	ed by the National Board of Boiles and Brauna March Land
I, the undersigned, holding a valid commission issue	ed by the National Board of Boiles and Brauna March Land
I, the undersigned, holding a valid commission issue or Province of <u>Virginits</u> and emp <u>Hart for for</u> in this Owner's Report during the period to the best of my knowledge and belief, the Owner	ed by the National Board of Boiler and Pressure Vessel Inspectors and the Sta loved by <u>H.S.B.F.F.</u> have inspected the components describe <u>3/16-/96</u> to <u>9/23/96</u> , and state the ler has performed examinations and taken corrective measures described in the
I, the undersigned, holding a valid commission issue or Province of <u>Virginis</u> and emp <u>Hart for f</u> in this Owner's Report during the period	ed by the National Board of Boiler and Pressure Vessel Inspectors and the Sta loved by <u>H.S.B.F.F.</u> have inspected the components describe <u>3/16-/96</u> to <u>9/23/96</u> , and state the ler has performed examinations and taken corrective measures described in the
I, the undersigned, holding a valid commission issue or Province of <u>Virginis</u> and emp <u>Hart for CT</u> in this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requiremen	have inspected the components described in the state the spectrum of the state the spectrum of the state the spectrum of the s
I, the undersigned, holding a valid commission issue or Province of <u>Virginis</u> and emp <u>Hart ford</u> CT in this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requiremen By signing this certificate neither the Inspector	have inspected the components described and state the there has performed examinations and taken corrective measures described in the there has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken corrective measures described in the ter has performed examinations and taken ter
I, the undersigned, holding a valid commission issue or Province of <u>Virginis</u> and emp <u>Hart ford</u> CT in this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requiremen By signing this certificate neither the Inspector examinations and corrective measures described i	ed by the National Board of Boiler and Pressure Vessel Inspectors and the Sta hloved by <u>H.S.BIT</u> have inspected the components describe <u>3112-186</u> to <u>9123186</u> , and state the ter has performed examinations and taken corrective measures described in the hors of the ASME Code, Section XI. I'r nor his employer makes any warranty, expressed or implied, concerning the in this Owner's Report. Furthermore, neither the Inspector nor his employed to the section XI.
I, the undersigned, holding a valid commission issue or Province of <u>Virginis</u> and emp <u>Hart ford</u> CT in this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requiremen By signing this certificate neither the Inspector examinations and corrective measures described i	ed by the National Board of Boiler and Pressure Vessel Inspectors and the Standoved by <u>H.S.B.F.F.</u> have inspected the components describe <u>3115-196</u> to <u>9123196</u> , and state the er has performed examinations and taken corrective measures described in the
I, the undersigned, holding a valid commission issue or Province of <u>Virginis</u> and emp <u>Hart ford</u> CT in this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requiremen By signing this certificate neither the Inspector examinations and corrective measures described i shall be liable in any manner for any personal inju- inspection.	ed by the National Board of Boiler and Pressure Vessel Inspectors and the Sta hoved by <u>H.S.BIT</u> have inspected the components describe <u>3112-186</u> to <u>9123186</u> , and state th her has performed examinations and taken corrective measures described in th hats of the ASME Code, Section XI. I'r nor his employer makes any warranty, expressed or implied, concerning th in this Owner's Report. Furthermore, neither the Inspector nor his employ
I, the undersigned, holding a valid commission issue or Province of <u>Virginits</u> and emp <u>Hert for C</u> in this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requiremen By signing this certificate neither the Inspector examinations and corrective measures described is shall be liable in any manner for any personal inju-	ed by the National Board of Boiler and Pressure Vessel Inspectors and the Sta hloved by <u>H.S.BIT</u> have inspected the components describe <u>3112-186</u> to <u>9123186</u> , and state the ter has performed examinations and taken corrective measures described in the hors of the ASME Code, Section XI. I'r nor his employer makes any warranty, expressed or implied, concerning the in this Owner's Report. Furthermore, neither the Inspector nor his employed to the section XI.

9. Remarks ASME Class 2

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 12 of 68

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

DeteOctober 2, 1996
Sheet of1
Unit2
R/R 96-191 W.O. 327381-02
Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A N/A N/A N/A
Expiration Date

86 (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)
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 Structual, 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 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.

(12/82)

9. Remarks ASME Class 2

	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
We certify that t ASME Code, Section XI.	the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the rapair or replacement
Type Code Symbol Stamp.	N/A
Certificate of Authorizatio	n No N/A Expiration Date N/A
Signed Pat M	In No. N/A Expiration Date N/A Expiration Date October 2, 1996 "s Designee, Title
and and an other sectors and the sectors of the sector of the sector sectors and the	CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding or Province of Vergen	a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by $\underline{A', S, B, T, T}$ have inspected the components describuring the period $\underline{ILT}/\underline{SE}$ to $\underline{SLT}/\underline{SE}$ , and state the
Hert ford,	cr have inspected the components describ
to the best of my knowled	uring the period and state the
	dge and belief, the Owner has performed examinations and taken corrective measures described in the ince with the requirements of the ASME Code, Section X1.
	ate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning t
examinations and correction	ve measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ
shall be liable in any mann inspection.	ner for any personal injury or property damage or a loss of any kind arising from or connected with th
mand mi	H
Inspecto	Dr's Signature Commissions VA424 JIAA National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 13 of 68

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

1. Owner	October 2, 1996
Name 5000 Dominion Blvd., Glen Allen, VA 23060 Address	Sheet of
2. PlantNorth Anna Power Station	Unit2
Name P.O. Box 402, Mineral, VA 23117	R/R 96-193 W.O. 327383-02
Address 3. Work Performed by Virginia Electric & Power Company Name 5000 Dominion Blvd., Glen Allen, VA 23060	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A Authorization NoN/A
Address Address Main Steam	Expiration Date
5. (a) Applicable Construction Code ANSI B31.7 19 ⁶⁹ Edit	tion, <u>1970</u> Addenda, <u>78, 81, 83(R), 115</u> Code Cas

(b) Applicable Edition of Section XI Utilized for Repairs of Replacements 19

6. Identification of Components Repaired or Replaced and Replacement Components

Unknown	N/A	2-MS-SV-2048	Unk.	Replaced	No
	and the second				
Unknown	N/A	2-MS-SV-2048	Unk.	Replaced	No
Inc. Heat No. 8098419	N/A	2-MS-SV-2048	1996	Replacement	No
hine Heat No. H2L	N/A	2-MS-SV-204B	1993	Replacement	No
	Concern Concern Concern Concern	Concerning and an and a second s			

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 Temo, _____ ° F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is  $8\frac{1}{2}$  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.

(12/82)

	CERTIFICATE OF COMPLIANCE
We certify that the statemen	nts 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	
	a the second
Certificate of Authorization NoN	/A Expiration Date
Ata N	TST Ensineer Date October 2 1996
Signed hat haught	TCP - '
Cupies of Courses of the second second	IST Engineer Date Octuber 2 1996
Owner &r Owner's Designee,	Title Date October 2 1996
Owner & Owner Designes,	Titie Date October 2 1996
	CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid com	CERTIFICATE OF INSERVICE INSPECTION mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
I, the undersigned, holding a valid com	CERTIFICATE OF INSERVICE INSPECTION mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by ALSERT
I, the undersigned, holding a valid com	CERTIFICATE OF INSERVICE INSPECTION mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by ALSERT
I, the undersigned, holding a valid com	CERTIFICATE OF INSERVICE INSPECTION mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by ALSERT
I, the undersigned, holding a valid com or Province of <u>Virginic</u> <u>Hirt fund</u> CT in this Owner's Report during the pe	CERTIFICATE OF INSERVICE INSPECTION nomission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta 
I, the undersigned, holding a valid com or Province of <u>Versence</u> d'srffund CT in this Owner's Report during the pe to the best of my knowledge and beli	CERTIFICATE OF INSERVICE INSPECTION nomission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta 
I, the undersigned, holding a valid com or Province of <u>Virgunis</u> <u>Hert fund</u> CT in this Owner's Report during the pe to the best of my knowledge and beli Owner's Report in accordance with the	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H.S. D. Z+Z</u> have inspected the components describe eriod <u>3/12-/26</u> to <u>9/24/96</u> , and state th ief, the Owner has performed examinations and taken corrective measures described in th e requirements of the ASME Code, Section XI.
I, the undersigned, holding a valid com or Province of <u>Versure</u> <u>Attr f. f. er</u> in this Owner's Report during the pe to the best of my knowledge and beli Owner's Report in accordance with the By signing this certificate neither t	CERTIFICATE OF INSERVICE INSPECTION nmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta 
I, the undersigned, holding a valid com or Province of <u>Virguals</u> <u>Affect fund</u> <u>CT</u> in this Owner's Report during the pe to the best of my knowledge and beli Owner's Report in accordance with the By signing this certificate neither t examinations and corrective measures	CERTIFICATE OF INSERVICE INSPECTION nmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta 
I, the undersigned, holding a valid com or Province of <u>Virguals</u> <u>Harf fund</u> <u>CT</u> in this Owner's Report during the pe to the best of my knowledge and beli Owner's Report in accordance with the By signing this certificate neither t examinations and corrective measures	CERTIFICATE OF INSERVICE INSPECTION nmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta 
I, the undersigned, holding a valid com or Province of <u>Virguals</u> <u>Hirt fund</u> CT in this Owner's Report during the pe to the best of my knowledge and beli Owner's Report in accordance with the By signing this certificate neither t examinations and corrective measures shall be liable in any manner for any p inspection.	CERTIFICATE OF INSERVICE INSPECTION nmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta 
I, the undersigned, holding a valid com or Province of <u>Virguals</u> <u>Hirt fund</u> CT in this Owner's Report during the pe to the best of my knowledge and beli Owner's Report in accordance with the By signing this certificate neither t examinations and corrective measures shall be liable in any manner for any p inspection.	CERTIFICATE OF INSERVICE INSPECTION nmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta 
I, the undersigned, holding a valid com or Province of <u>Vergence</u> in this Owner's Report during the per to the best of my knowledge and beli Owner's Report in accordance with the By signing this certificate neither t examinations and corrective measures shall be liable in any manner for any p	CERTIFICATE OF INSERVICE INSPECTION mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta 

9. Remarks ____ASME Class 2

Applicable Manufacturer's Data Reports to be attached

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 14 of 68

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

I. Owner Virginia Elactric & Power Company	October 2, 1996		
Name			
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet of		
Plant North Anna Power Station	Unit 2		
Name P.O. Box 402, Mineral, VA 23117	R/R 96-196 W.O. 327386-02		
Address Work Performed by Virginia Electric & Power Company	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A Authorization No. N/A Sequence Data		
Name 5000 Dominion Blvd., Glen Allen, VA 23060			
Address I. Identification of System Main Steam	Expiration Date		

5. (a) Applicable Construction Code ANSI 831.7 19 09 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 69

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-2058	Unk.	Replaced	No
Stud Structual, 1 3/8" Dia.	Mackson, Inc.	Heat No. 8098419	N/A	2-MS-SV-2058	1996	Replacement	No
Nut, 1 3/8* Dia.	Nova Machine Products	Heat No. H2L	N/A	2-MS-SV-205B	1993	Replacement	No
		22430					

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 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.

(12/82)

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 conforms to the rules of the
ASME Co	de, Section XI. repair of replacement
Type Code	Symbol StampN/A
Certificate	of Authorization NoN/AExpiration DateN/A
1	21 , 11
Signed _	2th plaught ISE Enginee- Date October 2 1996
	Dwner # Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
I, the unde	rsigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
or Provinci	e of <u>Vioginis</u> and employed by <u>H. S. B. F. F</u> have inspected the components describe
in this Ou	lect first, ct have inspected the components describe uner's Report during the period
to the best	of my knowledge and belief the Owners has nationed available and state the
	t of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in th eport in accordance with the requirements of the ASME Code, Section XI.
	ing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning t Ins and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ
shall be lia	ble in any manner for any personal injury or property damage or a loss of any kind arising from or connected with th
inspection.	
1	West M. Hear. Commissions VA424 TNA
	Med M. Here. Commissions VA424 ENA Inspector's Signature Commissions National Board, State, Province, and Endorsements
Date	Oct 3 19.96

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 15 of 68

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

, Owner Virginia Electric & Power Company Name	October 2, 1996		
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet 1 of 1		
Address			
Plant North Anna Power Station	Unit 2		
Name P.O. Box 402, Mineral, VA 23117	R/R 96-197 W.O. 327387-02		
Address Work Performed by Virginia Electric & Power Company	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A		
Name 5000 Dominion Blvd., Glan Allan, VA 23060	Authorization No. N/A Expiration Date		
Address Identification of System Main Steam	_ Expiration Date		

78, 81, 83(R), 115 Code Case 5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, 1970 Addenda, (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-5V-205C	Unk.	Replaced	No
Stud Structual, 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 Norninal Operating Pressure Other Pressure psi Test Temp.

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.

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

°F

Applicable Manufacturer's Data Reports to be attached

9. Remarks ____ASME Class 2

	CERTIFICATE OF COMPLIANCE
We certify that the statement	s made in the report are correct and thisreplacement conforms to the rules of the
ASME Code, Section X1.	repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization NoN/A	Expiration Date
Signed Pat ANaught Owner o Owner's Designee, T	ISI Engineer Date October 2, 1996
Signed Pate Analyte Owner of Swner's Designee, T	<u>JSZ Enginee</u> Date <u>Bolyben</u> 2, 1996 ittle CERTIFICATE OF INSERVICE INSPECTION Dission issued by the National Board of Boiler and Pressure Versel Inspection and the Sec
Signed Pat Anaught Owner of Swner's Designee, T I, the undersigned, holding a valid common or Province of Virginit	<u>JSZ Enginee</u> Date <u>Bolyben</u> 2, 1996 ittle CERTIFICATE OF INSERVICE INSPECTION Dission issued by the National Board of Boiler and Pressure Versel Inspection and the Sec
Signed Pt Marght Owner of Owner's Designee, T I, the undersigned, holding a valid common or Province of <u>Virginia</u> <u>Hact fund</u> CT in this Owner's Report during the per-	<u>JSZ Enginee</u> Date <u>October</u> 2, 19 <u>96</u> itle CERTIFICATE OF INSERVICE INSPECTION Dission issued by the National Board of Boiler and Pressure Versel Inspection
in this Owner's Report during the per- to the best of my knowledge and belief	IST Engine       Date       Betwee       2, 19 96         Ittle       CERTIFICATE OF INSERVICE INSPECTION         nission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
in this Owner's Report during the per- to the best of my knowledge and belief	<u>TST Enginee</u> Date <u>Bolio 2</u> , 19 <u>96</u> ittle CERTIFICATE OF INSERVICE INSPECTION Dission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>4.5.0512</u> have inspected the components describe iod <u>2/11/86</u> to <u>4/21/86</u> , and state th
or Province of <u>Virginit</u> <u>Hscl. fund</u> , <u>CF</u> in this Owner's Report during the per- to the best of my knowledge and belief Owner's Report in accordance with the in By signing this certificate neither th	JSZ Enginee       Date       Betwee       2, 19,96         itle       CERTIFICATE OF INSERVICE INSPECTION         nission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
or Province of <u>Virginia</u> <u>Hscl ford</u> <u>CF</u> in this Owner's Report during the per- to the best of my knowledge and belief Owner's Report in accordance with the By signing this certificate neither th examinations and corrective measures	<u>TST Enginee</u> Date <u>Belober</u> 2, 19 <u>96</u> <u>itie</u> <u>CERTIFICATE OF INSERVICE INSPECTION</u> Dission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta _and employed by <u>4.5.05.15</u> have inspected the components described ind <u>2/11/26</u> to <u>9/21/26</u> , and state the t, the Owner has performed examinations and taken corrective measures described in the requirements of the ASME Code, Section XI. e Inspector nor his employer makes any warranty, expressed or implied, concerning the described in this Owner's Report. Furthermore, neither the Inspector nor his employ
or Province of <u>Vergeneral</u> <u>Hack ford</u> <u>CF</u> in this Owner's Report during the per- to the best of my knowledge and belief Owner's Report in accordance with the By signing this certificate neither th examinations and corrective measures in shall be liable in any manner for any pe	<u>TST Enginee</u> Date <u>Beloce</u> 2, 19 <u>96</u> <u>itie</u> <u>CERTIFICATE OF INSERVICE INSPECTION</u> Dission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta <u>and employed by</u> <u><u>H.S.BT-17</u> have inspected the components described ind<u><u>JHF176</u> to <u>9121156</u>, and state the <i>t</i>, the Owner has performed examinations and taken corrective measures described in the requirements of the ASME Code, Section XI. e Inspector nor his employer makes any warranty, expressed or implied, concerning the described in this Owner's Report. Furthermore, neither the Inspector nor his employer </u></u>
or Province of <u>Vregovic</u> <u>Harf ford</u> <u>CF</u> in this Owner's Report during the peri- to the best of my knowledge and belief Owner's Report in accordance with the in By signing this certificate neither the examinations and corrective measures in shall be liable in any manner for any perinspection.	IST Engine       Date       Belober       2       19       96         Ittle         CERTIFICATE OF INSERVICE INSPECTION         Dission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta         and employed by       9.5.05.11         have inspected the components describe         Interfection         have inspected the components describe         Interfection         Interfection
or Province of <u>Vergeneral</u> <u>Hack ford</u> <u>CF</u> in this Owner's Report during the per- to the best of my knowledge and belief Owner's Report in accordance with the By signing this certificate neither th examinations and corrective measures in shall be liable in any manner for any pe	<u>TST Enginee</u> Date <u>Beloce</u> 2, 19 <u>96</u> <u>itie</u> <u>CERTIFICATE OF INSERVICE INSPECTION</u> Dission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta <u>and employed by</u> <u><u>H.S.BT-17</u> have inspected the components described ind<u><u>JHF176</u> to <u>9121156</u>, and state the <i>t</i>, the Owner has performed examinations and taken corrective measures described in the requirements of the ASME Code, Section XI. e Inspector nor his employer makes any warranty, expressed or implied, concerning the described in this Owner's Report. Furthermore, neither the Inspector nor his employer </u></u>

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 16 of 68

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

. Owner Virginia Electric 8	Power Company	September 25, 1996		
5000 Dominion Blvd., Glen	Name Allen VA 23060	1 1	international processing in the second s	
	Address	Sheet of		
PlantNorth Anna Powe	r Station	Unit 2		
P.O. Box 402, Mineral, VA	Name 23117	R/R 96-205 W.O. 3388	814-01	
Address Work Performed by Virginia Electric & Power Company Name 5000 Dominion Blvd., Glen Allen, VA 23060		Repair Organization P.O. No., Job No., etc. N/A Type Code Symbol Stamp N/A Authorization No. N/A		

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)
Diaphram, 1/8" Sheet	Unknown	Unknown	N/A	2-05-1K-1	Unk.	Replaced	No
Manway, 3/4" Plate	Unknown	Unknown	N/A	2-05-TK-1	Unk.	Replaced	No
Diaphram, 1/8" Sheet	Energy Steel & Supply	Heat No. 1421661	N/A	2-05-TK-1	1995	Replacement	No
Manway. 3/4" Plate	Energy Steel & Supply	Heat No. V30462	N/A	2-05-TK-1	1995	Replacement	No

7. Description of Work Replaced manway and diaphram

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure Atmatique...c psi Test Temp. Amb.ent °F

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

(12/82)

9. Remarks ____ ASME Class 2

	Applicable Manufacturer's Data Reports to be attached
alaan aala oo ahaa ahaa ahaa ahaa ahaa ahaa a	
	CERTIFICATE OF COMPLIANCE
We certify that the statem	ents made in the report are correct and this <u>replacement</u> conforms to the rules of the
ASME Code, Section XI.	repair or replacement
Type Code Symbol Stamp_N/A	
Contiliants of A straight and a straight	N/A N/A
Certificate of Authorization No.	
signed Pate 1 aboutt	Date September 25, 19.96
Owner or Owner's Designer	e, Title Date Deprember 20, 19 76
	CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid co	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat
or Province of Virginia	and employed by H. J. B. F. F
Hartford, CT	period $3/21/94$ to $9/23/96$ and state the
in this Owner's Report during the	period 3/21/96 to 9/23/96 , and state the
to the best of my knowledge and be	elief, the Owner has performed examinations and taken corrective measures described in th
	he requirements of the ASME Code, Section XI.
By signing this certificate neither	r the Inspector nor his employer makes any warranty, expressed or implied, concerning th
examinations and corrective measur	es described in this Owner's Report. Furthermore, neither the Inspector nor his employe
shall be liable in any manner for any	personal injury or property damage or a loss of any kind arising from or connected with th
inspection.	
mint	집 그 한 것 같은 지지 못 한 것 못 못 한 것 같은 것 같아요.
inspector's Signat	ure Commissions VA424 I.N.A National Board, State, Province, and Endorsements
	recional board, state, Province, and Endorsements
DateScot 26	

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 17 of 68

## 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
Name 5000 Dominion Blvd., Glen Allen, VA 23060 Address 2. Plant North Anna Power Station	Sheet of1
P.O. Box 402, Mineral, VA 23117	
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	N/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A
Address Address Quench Spray	

5. (a) Applicable Construction Code NAS-191, API 650 19 N/A Edition, N/A (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	Manufacterer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Diaphram, 1/8" Sheet	Unknown	Unknown	N/A	2-RS-TK-1	Unk.	Replaced	No
Diaphram, 1/8" Sheet	Energy Steel & Supply	Heat No. 1421661	N/A	2-RS-TK-1	1995	Replacement	No
				Prove R			

7. Description of Work Replaced manway and diaphram - 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 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.

(12/82)

Applicable Manufacturer's Data Reports to be attached

9. Remarks ____ASME Class 2

	CERTIFICATE OF COMPLIANCE
We certify that the statements made ASME Code, Section XI.	e in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization No. N/A	Expiration Date N/A
Signed Pater & Naughter 723 Owner & Owner's Designee, Title	I Engineer Date Suptember 25, 19 <u>96</u>
	RTIFICATE OF INSERVICE INSPECTION
or Province of VIryInite and	issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta employed by <u>H.S.D.</u>
or Province of Virginia and and Astistical et	have inspected the components describe 3/21/96 to $9/23/96$ , and state the
in this Owner's Report during the period	3/21/96 to 9/23/96 and state th
to the best of my knowledge and belief, the f	Owner has performed examinations and taken corrective measures described in th
Owner's Report in accordance with the require	ements of the ASME Code, Section XI.
	ector nor his employer makes any warranty, expressed or implied, concerning t
examinations and corrective measures describ	bed in this Owner's Report. Furthermore, neither the Inspector nor his employ
shall be liable in any manner for any personal inspection.	injury or property damage or a loss of any kind arising from or connected with th
/	
Mark M Afrace Inspector's Signature	Commissions VA424 F. N. A National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 18 of 68

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

Owner Virginia Electric & Power Company	September 26, 1996
Neme	
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet 1 of 1
Address	
Plant North Anna Power Station	Unit 2
Name	
P.O. Box 402, Mineral, VA 23117	R/R 96-252 W.O. 340565-01
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Virginia Electric & Power Company	Type Code Symbol StampN/A
Name	N/A
5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A
Address	Cxpiration Date
Identification of System Safety Injection	

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, 1970 Addenda, 78, 81, 83(R), 115Code 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-SI-1	Unk.	Replaced	No
Nut, 3/4" Dia.	Unknown	Unknown	N/A	2-SI-1	Unk.	Replaced	No
Stud Structual. 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	Nominai	Operating Pressure	
		Other Press	ire	Dei Test	Temo	0

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.

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

°F

	Applicable Manufacturer's Data Reports to be attached
Min secolds, the state	CERTIFICATE OF COMPLIANCE
ASME Code, Section XI.	he statements made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Manie Code, dection Al.	
Type Code Symbol Stamp_	N/A
Certificate of Authorization	No. N/A Expiration Date N/A
01.1	aughter ISI Engineer Date September 26 1996
Signed Patrick	aughts IST Engineer Date September 26 1996
	r Designes, ritte
the understand holding.	CERTIFICATE OF INSERVICE INSPECTION
or Province of	a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
He-the-1 CT	and employed by H. J. B. T. T. have inspected the components describe
in this Owner's Report du	ring the period $61/2.196$ to $41/9196$ , and state the
	ge and belief, the Owner has performed examinations and taken corrective measures described in th
	are with the requirements of the ASME Code, Section XI.
	te neither the Inspector nor his employer makes any warranty, expressed or implied, concerning t
	re measures described in this Owner's Report. Furthermore, neither the Inspector nor his employe
	er for any personal injury or property damage or a loss of any kind arising from or connected with th
inspection.	ar to any personal injury of property damage of a loss of any kind arising from or connected with th
	/
mol MA	Commissions_ VAY2Y I, N.1
Inspector	r's Signature Commissions VAY2Y T, N.A. National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 19 of 68

#### 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
	5000 Dominian Bludy Glen Allen, VA 23060	Sheet
2.	Plant North Anna Power Station	Unit2
	P.O. Box 402, Mineral VA 23117	R/R 96-282, b Repair Organizat
3.	Work Performed by Virginia Electric & Power Company Name	Type Code Symbol Star
	5000 Daminian Blud, Glen Allen, VA 23060	Authorization No Expiration Date
4.	Identification of System Main Steam (MS)	

Sheet	of	
Unit	2	
R/R 96	- 282, epair Organiz	W. 0. 345916-01
	le Symbol Sta	
Authoriz	ation No.	J/A
Expiratio	n Date	w/A

- 5. (a) Applicable Construction Code ANSI 831.7 19 69 Edition, 1970 Addende, 70, 81, 93(R), 115 Code Cese (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19_84 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	NA	2-MS-PEV-201A	1994	Reparement	No
Nuts	Texas Bolt	Heat No. 14652IX	N/14	2-MS- PCV-201A	1994	Replacement	No

7. Description of Work Replaced body to bonnet bo Hing materia

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.

(12/82)

		Applic	cable Manufactu	rer's Data R	eports t	to be attached		
		and the second						
		-						
		CE	RTIFICATE OF	COMPLIA	ICE 1			
We cer	tify that the state					grement,	conforms to	the rules of the
ASME Code, Sec	tion XI.				repsir	or replacement		
		All						
Type Code Symb	ol Stamp	NA						
Certificate of Aut	thorization No	NA		Events			1	
A	a al IT	1	Engiheer	Expir	ation D	ate	<b>*</b>	
Signed 1.1	Hamil	IST F	miller		ato	August	15	10.96
Öwner	or Owner's Desig	nee, Title	7		ate	gusi		
						fer et versiteten som stål erne som att om so		
		CERTI	FICATE OF IN	SERVICE I	SPECT	TION		
, the undersigner	d, holding a valid	commission issu	ued by the Natio	onal Board o	f Boiler	and Pressure V	essel Inspect	tors and the State
r Province of	Virginia	and em	ployed by	. S. B. T.	Z			
Hart for	d, ct		\$15				the comp	onents describe
	Report during th				to	a la construction de la construc		, and state that
	y knowledge and					d taken correct	ive measure	described in thi
Owner's Report i	n accordance with	the requireme	nts of the ASMI	E Code, Sect	ion XI.			
By signing thi	is certificate neith	her the Inspecto	or nor his emply	oyer makes	any wai	rranty, expresse	d or implie	d, concerning th
	d corrective mean							
hall be liable in	any manner for a	iny personal inj	ury or property	damage or a	loss of	any kind arising	from or co	nnected with thi
nspection.								
Mark	· · · ·					30ard, State, Pr		

Date_____Aug. 15 19.96

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 20 of 68

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

. Owner Virginia Electric & Power Company Name	DateOctober 2, 1996
5000 Daminian Blvd., Glen Allen, VA 23060 Address	Sheet of
Plant North Anna Power Station	Unit 2
Name	W.O. 339834-01 W.O. 339833-01
P.O. Box 402, Mineral, VA 23117	F/B 96-288, DCP 94-017, W.O. 339831-01
Ad dress	Repair Organization P.O. No., Job No., etc.
Work Performed by Virginia Electric & Power Company	Type Code Symbol Stamp N/A
Neme	Authorization No. N/A
5000 Dominion Blvd., Glen Allen, VA 23060	Expiration DateN/A
Address	

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)
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 🗱 Preumatic 🗌 Nominal Operating Pressure 🗌

Other Pressure 660 psi Test Temp. Ambient °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.

(12/82)

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 CO	MPLIANCE	
We certify that the statement	ts made in the report are correc	t and thisreplacement	_ conforms to the rules of the
ASME Code, Section X1.		repair or replaceme	
Type Code Symbol StampN/A			
Type code symbol atamp			and a first state of the second
Certificate of Authorization NoN/A		_Expiration Date	
Signed Pot Waret Is	I Enginee-	Date October	3, 19 96
, the undersigned, holding a valid common Province of	nission issued by the National	VICE INSPECTION Board of Boiler and Pressure d Steam Boiler I. & I. Compa	Vessel Inspectors and the Stat
, the undersigned, holding a valid common pr Province of	nission issued by the National Hartfor	Board of Boiler and Pressure d Steam Boiler I. & I. Compa	ed the components describe
Hartford, CT this Owner's Report during the per	nission issued by the National and employed by riod	Board of Boiler and Pressure d Steam Boiler I. & I. Compa have inspect	ed the components describe
n this Owner's Report during the per o the best of my knowledge and belie	nission issued by the National Hartfor Hartfor Fiod f, the Owner has performed e	Board of Boiler and Pressure d Steam Boiler I. & I. Compe have inspect 26	ed the components describe
n this Owner's Report during the per o the best of my knowledge and belie Owner's Report in accordance with the	nission issued by the National Hartfor Hartfor riod f, the Owner has performed e requirements of the ASME Cou	Board of Boiler and Pressure d Steam Boiler I. & I. Compa have inspect 26to7/221 kaminations and taken corre de, Section XI.	ed the components describe 96, and state the active measures described in th
or Province of Hartford, CT n this Owner's Report during the per o the best of my knowledge and belie Owner's Report in accordance with the By signing this certificate neither th	nission issued by the National Hartfor Hartfor f, the Owner has performed e requirements of the ASME Co he Inspector nor his employer	A Steam Boiler and Pressure d Steam Boiler I. & I. Compa have inspect 26to7/22/ kaminations and taken corre de, Section XI. makes any warranty, express	ed the components describe 26 , and state the active measures described in the assed or implied, concerning the
n this Owner's Report during the per o the best of my knowledge and belie Owner's Report in accordance with the	nission issued by the National Hartfor Hartfor Find f, the Owner has performed e requirements of the ASME Con the Inspector nor his employer described in this Owner's Re	A steam Boiler and Pressure d Steam Boiler I. & I. Compa have inspect 26to7/22/ kaminations and taken corre de, Section XI. makes any warranty, express port. Furthermore, neither	ed the components describe 96 , and state the active measures described in th assed or implied, concerning the the Inspector nor his employed
or Province of Hartford, CT In this Owner's Report during the per to the best of my knowledge and belie Dwner's Report in accordance with the By signing this certificate neither the examinations and corrective measures hall be liable in any manner for any per	nission issued by the National Hartfor Hartfor f, the Owner has performed e requirements of the ASME Cou the Inspector nor his employer described in this Owner's Re ersonal injury or property dam	Board of Boiler and Pressure d Steam Boiler I. & I. Compa have inspect 26	ed the components describe 96 , and state the active measures described in th assed or implied, concerning the the Inspector nor his employed
by Province of Hartford, CT in this Owner's Report during the per to the best of my knowledge and belie Dwner's Report in accordance with the By signing this certificate neither the examinations and corrective measures hall be liable in any manner for any per inspection.	nission issued by the National Hartfor Hartfor Find f, the Owner has performed e requirements of the ASME Con the Inspector nor his employer described in this Owner's Re	Aboard of Boiler and Pressure d Steam Boiler I. & I. Compa have inspect 2. to <u>7/227</u> kaminations and taken corre de, Section XI. makes any warranty, expres- port. Furthermore, neither age or a loss of any kind arisis s. VA 424 5.0	ed the components describe 96 , and state the active measures described in this assed or implied, concerning the the Inspector nor his employe

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 21 of 68

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

Date
Sheet 0f1
Unit 2
R/R 96-289 W.O. 339464-02
Repair Organization P.O. No., Job No., etc.
Type Code Symbol StampN/A
Authorization NoN/A
Expiration Date

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

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

Tests Conducted:	Hydrostatic	Pneumatic	Nominal	Operating Pressure	
	Other Pressu	re	DSi Test		0

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% 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.

(12/82)

8.

CERT	FICATE OF COMPLIANCE
We certify that the statements made in the SME Code, Section XI.	report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
ype Code Symbol StampN/A	
ertificate of Authorization NoN/A	Expiration Date
CERTIFIC the undersigned, holding a valid commission issued	CATE OF INSERVICE INSPECTION
CERTIFIC the undersigned, holding a valid commission issued r Province of	CATE OF INSERVICE INSPECTION I by the National Board of Boiler and Pressure Vessel Suspectors に the Stat ved by アンチンスティン
CERTIFIC the undersigned, holding a valid commission issued r Province of	CATE OF INSERVICE INSPECTION I by the National Board of Boiler and Pressure Vessel Suspectors に the Stat ved by アンチンスティン
CERTIFIC the undersigned, holding a valid commission issued r Province of <u>Vergenisis</u> and employ <u>Heatifyed</u> CT in this Owner's Report during the period	CATE OF INSERVICE INSPECTION I by the National Board of Boiler and Pressure Vessel Anspectors of the State yed by <u>H.J.B.F.E</u> have inspected the components describe <u>S/J-/96</u> to <u>2/12/86</u> , and state the has performed examinations and taken corrective measures described in this
CERTIFIC the undersigned, holding a valid commission issued r Province of <u>vergen is</u> and employ <u>Heatifies of ET</u> of this Owner's Report during the period of the best of my knowledge and belief, the Owner wner's Report in accordance with the requirements By signing this certificate neither the Inspector n kaminations and corrective measures described in	CATE OF INSERVICE INSPECTION I by the National Board of Boiler and Pressure Vessel Inspector a U yed by <u>N.S.C.F.C.</u> have inspected the components <u>S/F/S6</u> to <u>2/12/86</u> , and has performed examinations and taken corrective measures descri

9. Remarks ____ASME Class 2

Applicable Manufacturer's Data Reports to be attached

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 22 of 68

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

Owner Virginia Electric & Power Company	Date
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet of 1
Address	
Plant North Anna Power Station	Unit 2
Neme 	R/R 96-292 W.O. 339223-03
Address	Repair Organization P.O. No., Job No., stc.
Work Performed by Virginia Electric & Power Company	Type Code Symbol Stamp
5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A
Address	
Identification of System Reactor Coolant	

 5. (a) Applicable Construction Code ANSI B31.7
 19
 69
 Edition, 1970
 Addende, 78, 81, 83(R), 115

 (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)
Manway Stud, 1 7/8" Dia.	Unknown	Unknown	N/A	2-RC-E-18 Cold Leg	Unk.	Heplaced	No
Manway Stud, 1 7/8" Dia.	Nova Machine Products	Heat No. 89559	N/A	2-RC-E-TB Cold Leg	1994	Replacement	No
					19. ²⁰	1.11.11	

7. Description of Work_ Replaced two primary manway studs - damadged 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, tketches, 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.

(12/82)

	Applicable Menufacturer's Data Reports to be attached
formed ASME Section XI VT-1 preservice e	
	CERTIFICATE OF COMPLIANCE
We certify that the statements ma ASME Code, Section X1.	ide in the report are correct and this <u>replacement</u> conforms to the rules of the replacement
Type Code Symbol Stamp_N/A	
Type Code symbol atamp	
Certificate of Authorization No. N/A	Alla
Certificate of Authorization NoN/A	Expiration Date N/A
not i and	그는 것이 아님께 집에 가지 않는 것이 같이 많이 했다.
Signed Fature & Noughts :	ISI Engineer Date September 27_, 19_96
Owner or Owner's Designee, Title	and the second
C	CERTIFICATE OF INSERVICE INSPECTION
	CALLER CONTRACTOR TO A CALLER CONTRACTOR AND A CALLER
I, the undersigned, holding a valid commission of Province of Province of an and the second sec	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the State employed by $\mathcal{H}$ , $\mathcal{I}$ , $\mathcal{I}$ , $\mathcal{I}$ , $\mathcal{I}$
I, the undersigned, holding a valid commission of Province of Province of an and the second sec	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the State employed by $\mathcal{H}$ , $\mathcal{I}$ , $\mathcal{I}$ , $\mathcal{I}$ , $\mathcal{I}$
I, the undersigned, holding a valid commission of Province of Province of an and the second sec	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the State employed by $\mathcal{H}$ , $\mathcal{I}$ , $\mathcal{I}$ , $\mathcal{I}$ , $\mathcal{I}$
I, the undersigned, holding a valid commission or Province of <u>Virginits</u> an <u>Martford</u> , CT In this Owner's Report during the period.	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by $\underline{\mathcal{H}}, \underline{\mathcal{S}}, \underline{\mathcal{D}}, \underline{\mathcal{J}} + \underline{\mathcal{T}}$ have inspected the components describe $\underline{\mathcal{S}}, \underline{\mathcal{S}}, \underline$
the undersigned, holding a valid commission or Province of <u>Virginits</u> an <u>Hertfish</u> , CT in this Owner's Report during the period to the best of my knowledge and belief, the	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star and employed by <u>H.J.B.T+T</u> have inspected the components describe <u>5-18126</u> to <u>3116186</u> , and state the e Owner has performed examinations and taken corrective measures described in the
I, the undersigned, holding a valid commission or Province of <u>Virginia</u> an <u>Martification</u> CT In this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the requi	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star and employed by <u>H.J.B.F.F.</u> have inspected the components describe <u>S/S/26</u> to <u>Y/16/86</u> , and state this e Owner has performed examinations and taken corrective measures described in the irements of the ASME Code, Section XI.
I, the undersigned, holding a valid commission or Province of <u>Virginia</u> an <u>Martification</u> CT In this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the requi	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star and employed by <u>H.J.B.F.F.</u> have inspected the components describe <u>S/S/26</u> to <u>Y/16/86</u> , and state this e Owner has performed examinations and taken corrective measures described in the irements of the ASME Code, Section XI.
I, the undersigned, holding a valid commission or Province of <u>Virginit</u> an <u>Martfor</u> CT In this Owner's Report during the period. to the best of my knowledge and belief, the Owner's Report in accordance with the requi By signing this certificate neither the Ins	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed by <u>H.J.B.F.F.</u> have inspected the components describe <u>5-18126</u> to <u>9166186</u> , and state the e Owner has performed examinations and taken corrective measures described in th irements of the ASME Code, Section XI. spector nor his employer makes any warranty, expressed or implied, concerning th
I, the undersigned, holding a valid commission or Province of <u>Virginitian</u> an <u>Martfinitian</u> CT in this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the requi By signing this certificate neither the Indexaminations and corrective measures descri-	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed by <u>H.J.B.F.F.</u> have inspected the components describe <u>5-18176</u> to <u>3166186</u> , and state the e Owner has performed examinations and taken corrective measures described in the irements of the ASME Code, Section XI. spector nor his employer makes any warranty, expressed or implied, concerning the ribed in this Owner's Report. Furthermore, neither the Inspector nor his employer
I, the undersigned, holding a valid commission or Province of <u>Virginitian</u> an <u>Martfinitian</u> CT in this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the requi By signing this certificate neither the Indexaminations and corrective measures descri-	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed by <u>H.J.B.F.F.</u> have inspected the components describe <u>5-18176</u> to <u>3166186</u> , and state the e Owner has performed examinations and taken corrective measures described in the irements of the ASME Code, Section XI. spector nor his employer makes any warranty, expressed or implied, concerning the ribed in this Owner's Report. Furthermore, neither the Inspector nor his employer
I, the undersigned, holding a valid commission or Province of <u>Virginit</u> an <u>Martfield</u> CT In this Owner's Report during the period. To the best of my knowledge and belief, the Owner's Report in accordance with the requi By signing this certificate neither the Inst examinations and corrective measures desci- shall be liable in any manner for any person inspection.	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed by <u>H.J.B.F.F.</u> have inspected the components describe <u>5-18176</u> to <u>9166186</u> , and state the e Owner has performed examinations and taken corrective measures described in the inements of the ASME Code, Section XI. spector nor his employer makes any warranty, expressed or implied, concerning the ribed in this Owner's Report. Furthermore, neither the Inspector nor his employer hal injury or property damage or a loss of any kind arising from or connected with the
I, the undersigned, holding a valid commission or Province of <u>Virginit</u> an <u>Martfield</u> CT In this Owner's Report during the period. To the best of my knowledge and belief, the Owner's Report in accordance with the requi By signing this certificate neither the Inst examinations and corrective measures desci- shall be liable in any manner for any person inspection.	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed by <u>H.J.B.F.F</u> have inspected the components describe <u>5-18176</u> to <u>9166186</u> , and state the e Owner has performed examinations and taken corrective measures described in the inements of the ASME Code, Section XI. spector nor his employer makes any warranty, expressed or implied, concerning the ribed in this Owner's Report. Furthermore, neither the Inspector nor his employed hall injury or property damage or a loss of any kind arising from or connected with this
I, the undersigned, holding a valid commission or Province of <u>Virginit</u> an <u>Martfield</u> CT In this Owner's Report during the period. To the best of my knowledge and belief, the Owner's Report in accordance with the requi By signing this certificate neither the Inst examinations and corrective measures desci- shall be liable in any manner for any person inspection.	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed by <u>H.J.B.F.F</u> have inspected the components describe <u>5-18176</u> to <u>9166186</u> , and state the e Owner has performed examinations and taken corrective measures described in the inements of the ASME Code, Section XI. spector nor his employer makes any warranty, expressed or implied, concerning the ribed in this Owner's Report. Furthermore, neither the Inspector nor his employed hall injury or property damage or a loss of any kind arising from or connected with this
I, the undersigned, holding a valid commission or Province of <u>Virginition</u> an <u>Martfield</u> CT In this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the require By signing this certificate neither the Inter- examinations and corrective measures descri- shall be liable in any manner for any person inspection.	on issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed by <u>H.J.B.F.F</u> have inspected the components describe <u>5-18176</u> to <u>9166186</u> , and state the e Owner has performed examinations and taken corrective measures described in the inements of the ASME Code, Section XI. spector nor his employer makes any warranty, expressed or implied, concerning the ribed in this Owner's Report. Furthermore, neither the Inspector nor his employed hall injury or property damage or a loss of any kind arising from or connected with this

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 23 of 68

## 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
5000 Dominio . Blvd., Glen Allen, VA 23060	Sheet1of1
Address	
Plant North Anna Power Station     Name	Unit 2
P.O. Box 402, Mineral, VA 23117	R/R 96-294 W.O. 347464-01 DCP 94-102
Ad dress	Repair Organization P.O. No., Job No., etc.
. 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	
Identification of System Safety Injection	

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, 1970 Addenda, 78. 81. 83(R), 115Code 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
					1		

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

Tests Conducted:	Hydrostat	tic 🗌	Pneumatic	Nomi	nai	Operating Pressure	1
	Other	Prussu	re	Dsi T			0

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.

(12/82)

8,

	Applicable Manufacturer's Data Reports to be attached
ormed ASME Sec	tion XI preservice VT-3
	CERTIFICATE OF COMPLIANCE
We certi	fy that the statements made in the report are correct and this replacement conforms to the rules of the
SME Code, Secti	on XI. repair or replacement
	N/A
vpe Code Symbo	Stamp
ertificate of Auth	orization NoN/AExpiration DateN/A
	chance in the second seco
igned Pas	to fillought ISI Engineer Date September 27 19 96
Owner o	r Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
the undersigned,	holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
Province of	and employed by d. J. D. F. Z
Hertfort	eport during the period
this Owner's R	eport during the period
	knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	accordance with the requirements of the ASME Code, Section XI.
	certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
caminations and	corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employe
all her Haddle In a	ny manner for any personal injury or property damage or a loss of any kind arising from or connected with thi
all be liable in a	
hall be liable in a repection.	
hall be liable in a	Inspector's Signeture Commissions VA424 J.N.A. National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 24 of 68

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

Date September 27, 1996
Sheet 1 of 1
Unit 2
R/R 96-295 W.O. 347464-02 DCP 94-102
Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

(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-RS-R-608	Unk.	Replacement	No

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

ŝ.,	Tests Conducted:	Hydrostat	ic 🗍	Pneumatic	Nominal	Operating Pressu	
		and the second se				are an a constant	- hand
		Other	Pressu	re	Dsi Test	Temp	0

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.

(12/82)

9. Remarks ____ASME Class 2

Applicable Manufacturer's Data Reports to be attached

Performed ASME Section XI preservice VT-3

CE	RTIFICATE OF COMPLI	ANCE	
We certify that the statements made in ASME Code, Section X1.	the report are correct and	this replacement co repair or replacement	nforms to the rules of the
Type Code Symbol StampN/A			
Certificate of Authorization NoN/A	Exp	iration Date	
Signed PINautter IST Engans	¢ e.~	Date Systember	2.7 19.96
CERT I, the undersigned, holding a valid commission iss	IFICATE OF INSERVICE	INSPECTION of Boiler and Fressure Ves	
CERT I, the undersigned, holding a valid commission iss or Province of	IFICATE OF INSERVICE used by the National Board sployed by. M.S.C.S.	INSPECTION of Boiler and ^r ressure Ves	sel Inspectors and the Stat
CERT I, the undersigned, holding a valid commission iss or Province of <u>dirgenes</u> and em <u>Hort fund</u> ET in this Owner's Report during the period	IFICATE OF INSERVICE ued by the National Board aployed by <u><i>H.S.U.S.</i></u>	INSPECTION of Boiler and ^r ressure Ves E have inspected to 10	sel Inspectors and the Stat o the components describe of state the
CERT I, the undersigned, holding a valid commission iss or Province of <u>Vergenes</u> and em <u>Hort ford</u> ET in this Owner's Report during the period to the best of my knowledge and belief, the Ow	IFICATE OF INSERVICE ued by the National Board aployed by <u><i>H.S.C.S.</i></u> <u><i>S-IIS-ISC</i></u> wher has performed examin	INSPECTION of Boiler and Fressure Ves 	sel Inspectors and the Stat o the components describe of the state the
CERT I, the undersigned, holding a valid commission iss or Province of <u>Straines</u> and em <u>Horf fuel</u> <u>ET</u> in this Owner's Report during the period to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requirement	IFICATE OF INSERVICE used by the National Board poloyed by <u><i>H.S.U.S.</i></u> <u><i>B-115 19 k</i></u> mer has performed examinents of the ASME Code, Se	INSPECTION of Boiler and ^r ressure Ves 	sel Inspectors and the Stat 
CERT I, the undersigned, holding a valid commission iss or Province of <u>dirgenes</u> and em <u>Horf fors</u> <u>er</u> in this Owner's Report during the period to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requireme By signing this certificate neither the Inspect	IFICATE OF INSERVICE used by the National Board apployed by <u>R.S.U.S.</u> <u>S-115-1746</u> wher has performed examine ents of the ASME Code, Se for nor his employer make	INSPECTION of Boiler and ^r ressure Ves 	sel Inspectors and the Stat the components describe , and state the e measures described in th or implied, concerning th
CERT I, the undersigned, holding a valid commission iss or Province of <u>directors</u> and em <u>Hort ford</u> <u>ET</u> in this Owner's Report during the period to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requireme By signing this certificate neither the Inspect examinations and corrective measures described shall be liable in any manner for any personal inj	IFICATE OF INSERVICE used by the National Board poloyed by <u><i>R.S.U.S.</i></u> <u><i>B.U.S.K</i></u> wher has performed examine ents of the ASME Code, Se for nor his employer make in this Owner's Report.	INSPECTION of Boiler and Fressure Ves 	sel Inspectors and the Stat
CERT I, the undersigned, holding a valid commission iss or Province of <u>Urgenes</u> and em <u>Horf fuel</u> <u>ET</u> in this Owner's Report during the period to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requirement	IFICATE OF INSERVICE used by the National Board aployed by <u><i>H.S.B.S.</i></u> <i><u><i>S.J.S.K.</i></u> mer has performed examinents of the ASIME Code, Se for nor his employer make in this Owner's Report. Sury or property damage or</i>	INSPECTION of Boiler and Fressure Ves 	sel Inspectors and the Stat

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 25 of 68

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

. Owner Virginia Electric & Power Company Name	September 24, 1996
5000 Dominion Bivd., Glen Allen. VA 23060	Sheet of
. Plant North Anna Power Station Name	Unit 2
P.O. Box 402, Mineral, VA 23117	R/R 96-316 W.O. 341174-19
Address . Work Performed by Virginia Electric & Power Company . Name	Repair Organization P.O. No., Job No., etc.
5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A
Address Identification of System Quench Spray	

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Care
 (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	2-05-TE-2008	Unk.	Replaced	No
Nut. 1/2" Dia.	Unknown	Unknown	N/A	2-05-TE-2008	Unk.	Replaced	No
Stud Structual, 1/2" Dia.	Mackson, Inc.	Heat No. 60451	N/A	2-05-TE-2008	. aae	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

Tests Conducted:	Hydrostatic		Pneumatic	Nor	ninal	Operating Pressure	
	Other F	Pressu	re	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.

(12/82)

8.

Applicable Manufacturer's Data Reports to be attached

CER	TIFICATE OF COMPLIANCE
We certify that the statements made in the ASME Code, Section X1.	he report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization NoN/A	Expiration DateN/A
Signed Paratt IST Engines	Date September 24, 19.96
I, the undersigned, holding a valid commission issue or Province of Virginia and empl	FICATE OF INSERVICE INSPECTION and by the National Board of Boiler and Pressure Vessel Inspectors and the Sta loyed by
in this Owner's Report during the period	have inspected the components describ
to the best of my knowledge and belief, the Owne Owner's Report in accordance with the requirement	er has performed examinations and taken corrective measures described in th
By signing this certificate neither the Inspector examinations and corrective measures described in	r nor his employer makes any warranty, expressed or implied, concerning to n this Owner's Report. Furthermore, neither the Inspector nor his employ ry or property damage or a loss of any kind arising from or connected with th
mut m for	Commissions VAY2Y T. M. A National Board, State, Province, and Endorsements

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9. Remarks ____ASME Class 2

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 26 of 68

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

. Owner Virginia Electric & Power Company	September 25, 1996
5000 Dominion Blvd., Gien Allen, VA 23060	Sheet 1 of 1
Address	010101
Plant North Anna Power Station	Unit 2
Name P.O. Box 402, Mineral, VA 23117	R/R 96-321 W.O. 350604-01
Address Work Performed by Virginia Electric & Power Company	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp
5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A
Ad dress Identification of System Reactor Coolant	Expiration Date

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

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 Structual, 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 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.

(12/82)

9. Remarks ____ ASME Class 1

	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
We certify that the statements n ASME Code, Section XI.	nade in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol Stamp <u>N/A</u>	
Certificate of Authorization No. N/A	Expiration Date N/A
Signed Patrick 1. Naught Owner or Owner's Designed, Titi	I ISI Engineer Date September 25 1096
I, the undersigned, holding a valid commis or Province of <u>Virginic</u> Hertford, CT	CERTIFICATE OF INSERVICE INSPECTION ision issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta and employed by <u>H. S. C. T-T.</u> have inspected the components describ d <u>Phologic</u> to <u>Ploving</u> , and state th
in this Owner's Report during the period	d
to the best of my knowledge and belief, t	the Owner has performed examinations and taken corrective measures described in the
	quirements of the ASME Code, Section XI.
	Inspector nor his employer makes any warranty, expressed or implied, concerning t
examinations and corrective measures de shall be liable in any manner for any perso	scribed in this Owner's Report. Furthermore, neither the Inspector nor his employ anal injury or property damage or a loss of any kind arising from or connected with the
inspection.	
	Commissions VA 424 I.N.A
Mah M Hene. Inspector's Signeture	Commissions VA 424 E.N.A. National Board, State, Province, and Endorsements
	Commissions VA424 E.N.A National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 27 of 68

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

Name	Date September 23, 1996
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet 1 of 1
Address	CONTRACT AND A DESCRIPTION OF ADDRESS OF ADD
Plant North Anna Power Station	Unit 2
P.O. Box 402, Mineral, VA 23117	R/R 96-330 W.O. 341174-18
Address Work Performed by Virginia Electric & Power Company	Repair Organization P.O. No., Job No., etc.
5000 Dominion Blvd. Glen Allen, VA 23060	Authorization NoN/A
Address Identification of System Quench Spray	cxpiration Date

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.	No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Cods Stamped (Yes or No)
Stud, Structural 1/2" Dia.	Unknown	Unknown	N/A	2-05-TE-200A	Unk.	Replaced	No
Nut, Heavy Hex 1/2 Dia.	Unknown	Unknown	N/A	2-05-TE-200A	Unk.	Replaced	No
Stud, Structural 1/2" Dia.	Mackson, Inc.	Heat No. 60451	N/A	2-05-TE-200A	1996	Replacement	No
Nut, Heavy Hex 1/2" Dia.	Mackson, Inc.	Heat No. 97364	N/A	2-05-TE-200A	1996	Replacement	No

7. Description of Work Replace bolting due to corrosion

8.	Tests Conducted:	Hydrostatic Pneumatic	Nominal Operating Pressure	
		Other Pressure	DSi Test Temo	0

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.

(12/82)

Applicable Manufacturer's Data Reports to be attached

9. Remarks ____ASME Class 2

CE	RTIFICATE 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 X1.	repair or replacement
Type Code Symbol Stamp_N/A	
Certificate of Authorization NoN/A	Date Septembr 23, 19.96
0.1.4	
Signed PAN august	Date Scritembr 23 10 96
Owper or Owner's Designee, Title	
	IFICATE OF INSERVICE INSPECTION
the understand helding such a set of the	and he she blastered Beard of Both and B
r, the undersigned, holding a valid commission issi	by the National Board of Boiler and Pressure Vessel Inspectors and the Star
or Province of Virginia and em	ployed by M. S. B. T. T
or Province of Virginia and em	ployed by M. S. B. I. I
in this Owner's Report during the period	ployed by <u>#. S. B. Z. E</u> have inspected the components describe <u>Stut26</u> to <u>Stut26</u> , and state the
or Province of <u>Virginit</u> and em <u>Agent for a cr</u> in this Owner's Report during the period. to the best of my knowledge and belief, the Ow	ployed by <u>A.S.B.Z.Z</u> have inspected the components describe <u>Sluige</u> to <u>Slut 86</u> , and state the ner has performed examinations and taken corrective measures described in the
in this Owner's Report during the period	ployed by <u>A.S.B.Z.Z</u> have inspected the components describe <u>Sluige</u> to <u>Slut 86</u> , and state the ner has performed examinations and taken corrective measures described in the
or Province of <u>regress</u> and em <del>Martford, cr</del> in this Owner's Report during the period. to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requirement	ployed by <u>A.S.B.Z.Z</u> have inspected the components describe <u>Sluige</u> to <u>SluceSt</u> , and state the ner has performed examinations and taken corrective measures described in the ints of the ASME Code, Section XI.
or Province of <u>Virginia</u> and em <u>Hentford</u> <u>CT</u> in this Owner's Report during the period. to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requireme By signing this certificate neither the Inspecto	have inspected the components describe <u>Stutist</u> to <u>Stutist</u> , and state this ner has performed examinations and taken corrective measures described in the ints of the ASME Code, Section XI. or nor his employer makes any warranty, expressed or implied, concerning the provide the section of the sectio
or Province of <u>Virginit</u> and em <u>Martford</u> <u>CT</u> in this Owner's Report during the period. to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requireme By signing this certificate neither the Inspect examinations and corrective measures described	ployed by <u>#. 5, B. Z. E</u> have inspected the components describe <u>Stut196</u> to <u>State the</u> ner has performed examinations and taken corrective measures described in the ints of the ASME Code, Section XI. or nor his employer makes any warranty, expressed or implied, concerning the in this Owner's Report. Furthermore, neither the Inspector nor his employed
or Province of <u>Virginit</u> and em <u>Martford</u> <u>CT</u> in this Owner's Report during the period to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requireme By signing this certificate neither the Inspecto examinations and corrective measures described shall be liable in any manner for any personal inju- inspection.	ployed by <u>A.S.B.Z.Z</u> have inspected the components describe <u>Slut 86</u> to <u>Slut 86</u> , and state this ner has performed examinations and taken corrective measures described in the ints of the ASME Code, Section XI. or nor his employer makes any warranty, expressed or implied, concerning the in this Owner's Report. Furthermore, neither the Inspector nor his employer ury or property damage or a loss of any kind arising from or connected with the
and em Martford, CT in this Owner's Report during the period. to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requireme By signing this certificate neither the Inspector examinations and corrective measures described shall be liable in any manner for any personal inju- nspection.	ner has performed examinations and taken corrective measures described in the

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 28 of 68

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

Name	Date October 4, 1996
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet1 of1
Address	
Plant North Anna Power Station	Unit 2
Name	Rev 2 Atta intrufic
P.O. Box 402, Mineral, VA 23117	R/R 96-331 W.O. 350519-01 0-4
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Virginia Electric & Power Company	Type Code Symbol Stamp_N/A
Name	Authorization NoN/A
5000 Dominian Bivd., Glen Allen, VA 23060 Address	Expiration DateN/A
Identification of System Feedwater	그는 것 같은 것 같은 것 같은 것 같은 것 같은 것 같이 없다.

(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 value for repair and reinstalled.

8.	Tests Conducted:	Hydrostatic	Pneumatic	Nominal	Operating Pressure		
		Other Pressu	ire_130	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.

(12/82)

Remarks	ASME Class 2
Perto	Applicable Manufacturer's Data Reports to be attached rmed construction code MT and RT examination after installation.
Perfo	rmed ASME Section XI preservice MT and UT examination.
Code	Case N-416-1 was invoked.
Perfo	rmed in-process repairs of weld 14B, pipe-to-valve weld, under this program.
	CERTIFICATE OF COMPLIANCE
ASME C	We certify that the statements made in the report are correct and this <u>repair</u> conforms to the rules of the ode, Section XI. repair or replacement
Type Coo	le Symbol StampN/A
Certificat	e of Authorization Ng/N/AExpiration DateN/A
Signed	Apitomil ISI Engineer Date October 29, 1996
	CERTIFICATE OF INSERVICE INSPECTION
or Provin	tersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State ce of <u>Version</u> and employed by <u>H.S.B.F.F</u> of
Hert	wher's Report during the period
to the be	st of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Report in accordance with the requirements of the ASME Code, Section XI.
By sig	ning this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
	ons and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer able in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this n.
	Mail M Anne Commissions VA 424 I.N.A. Inspector's Signature National Board, State, Province, and Endorsements
Date	Nov 4 19 76

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 29 of 68

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

. Owner Virginia Electric & Power Company	DateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA		
Name			
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet of		
Plant North Anna Power Station Name	Unit 2		
P.O. Box 402, Mineral, VA 23117	R/R 96-336 W.O. 350956-01		
Address	Repair Organization P.O. No., Job No., etc.		
Work Performed by Virginia Electric & Power Company	Type Code Symbol Stamp		
Name			
5000 Dominion Blvd., Glen Allen, VA 23060	Expiration Date		
Address			
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)
Pipe 3/4* NPS	Grinnel	None	NA	2-RC-203	Unk.	Repaired	No
						1	

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

8.	Tests Conducted:	Hydrostatic	Pneurnatic	Nominal	Operating Pressure	ĺ
		Other Pressur	re	Dsi Test		6

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% 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.

(12/82)

Applicable Manufecturer's Data Reports to be attached

9. Remarks ____ASME Class 1

	CERTIFICATE OF COMPLIANCE
	in the report are correct and this conforms to the rules of the repair or replacement
Type Code Symbol Stamp N/A	
Certificate of Authorization NoN/A	Expiration Date N/A
	Expiration Date
Signed Pate Maught IS	Z Engineer Date September 20 19 9.6
control of control of control of the	
	RTIFICATE OF INSERVICE INSPECTION issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat
or Province of Virginia and e	employed by d.S. B.I+I
or Province of Virginia and e	have inspected the components describe
	Owner has performed examinations and taken corrective measures described in th
Owner's Report in accordance with the requirer	
By signing this certificate neither the Inspe	ector nor his employer makes any warranty, expressed or implied, concerning the
contraction of the second s	ed in this Owner's Report. Furthermore, neither the Inspector nor his employed
examinations and corrective measures describ shall be liable in any manner for any personal inspection.	injury or property damage or a loss of any kind arising from or connected with th
shall be liable in any manner for any personal	Commissions <u>VA424</u> <u>A</u> <u>A</u> <u>E</u> National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 30 of 68

## 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 of			
2. Plant North Anna Power Station	Unit 2			
Name P.O. Box 402, Mineral, VA 23117	R/R 96-337 W.O. 341174-13			
Address 3. Work Performed by Virginia Electric & Power Company	Repair Organization P.O. No., Job No., etc. Type Code Symbol StampN/A			
Name 5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A			
Address 4. Identification of SystemQuench Spray	Expiration Date			
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edit	ion, 1970 Addenda, 78, 81, 83(R), 115 Code Cas			

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, 1970 Addenda, 86 (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 Manufacturar	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	2-05-43	Unk.	Replaced	No
Nut. 3/8" Dia.	Unknown	Unknown	N/A	2-05-43	Unk.	Replaced	No
Cap Screw, 3/8" Dia.	Allied Nut & Bolt	Heat No. 36746	N/A	2-05-43	1996	Replacement	No
Nut, 3/8" Dia.	Mackson, Inc.	Heat No. 31742	N/A	2-05-43	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 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.

(12/82)

		CERTIFICAT	E OF COMPLIANCE	E
We ce ASME Code, Se		s made in the report i		replacement conforms to the rules of the pair or replacement
Type Code Sym	bol StampN/A			
Certificate of A	uthorization No. N/A		Expiratio	on Date_N/A
Signed Part	Wangthe F	SZ Enghabe	Date	Date N/A Systember 25, 1996
	· · · · · · · · · · · · · · · · · · ·			
I, the undersign	ed, holding a valid comm		F INSERVICE INSP	PECTION
1, the undersign or Province of 	ed, holding a valid comm Virginia 2-d, cT Report during the peri	CERTIFICATE O nission issued by the and employed by iod	PF INSERVICE INSP National Board of Br H.S. D. J.J. 9/15/86 to	PECTION oiler and Pressure Vessel Inspectors and the Sta have inspected the components describe ?!!?!S &, and state th
I, the undersign or Province of <i>Hert</i> in this Owner's to the best of n Owner's Report	ed, holding a valid comm Virginit S. A. ET Report during the periny knowledge and belief in accordance with the r	CERTIFICATE O nission issued by the and employed by iod f, the Owner has per requirements of the J	F INSERVICE INSERVICE INSE National Board of Bi H.S. (1. I.I.I.I. 9/1.5-196 to formed examination ASME Code, Section	PECTION oiler and Pressure Vessel Inspectors and the Sta have inspected the components describe <b>P</b> ://FC , and state th is and taken corrective measures described in th XI.
I, the undersign or Province of <i>Herff</i> in this Owner's to the best of n Owner's Report By signing t examinations ar	ed, holding a valid comm Virginité Sod, ET Report during the periny knowledge and belief in accordance with the m his certificate neither th and corrective measures of	CERTIFICATE O nission issued by the and employed by iod	F INSERVICE INSP National Board of Bo H.S. D. J. T. 9/1.5-7.96 to formed examination ASME Code, Section employer makes any vner's Report. Furth	PECTION oiler and Pressure Vessel Inspectors and the Sta have inspected the components describ ?!!?!? 6, and state th is and taken corrective measures described in th

9. Remarks ____ASME Class 2

Applicable Manufacturer's Data Reports to be attached

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 31 of 68

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

, OwnerVirginia Electric & Power Company	Date September 25, 1996
Neme	
5000 Dominion Bivd., Glen Allen, VA 23060	Sheet 1 of 1
Address	UT
Plant North Anna Power Station	Unit 2
Name	With second seco
P.O. Box 402, Mineral, VA 23117	R/R 96-339 W.O. 341174-12
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Virginia Electric & Power Company	Type Code Symbol Stamp N/A
Name	Authorization NoN/A
5000 Dominion Blvd., Glen Allen, VA 23060	N/A
Address	Expiration Date
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 Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Unknown	Unknown	N/A	2-05-68	Unk.	Replaced	No
Unknown	Unknown	N/A	2-05-68	Unk.	Replaced	No
Allied Nut & Bolt	Heat No. 36746	N/A	2-05-58	1992	Replacement	No
A & G Eng.	Heat No. 9M977	N/A	2-05-68	1989	Replacement	No
	Manufacturer Unknown Unknown Allied Nut & Bolt	ManufacturerSerial No.UnknownUnknownUnknownUnknownAllied Nut & BoltHeat No.A & G Eng.Heat No.	Name of ManufacturerManufacturer Serial No.Board Nc.UnknownUnknownN/AUnknownUnknownN/AUnknownUnknownN/AAllied Nut & BoltHeat No.N/AA & G Eng.Heat No.N/A	Name of Manufacturer Serial No.Manufacturer Serial No.Board No.Other IdentificationUnknownUnknownN/A2-QS-68UnknownUnknownN/A2-QS-68Allied Nut & BoltHeat No. 36746N/A2-QS-68A & G Eng.Heat No.N/A2-QS-68	Name of Manufacturer Serial No.Manufacturer Board Nc.Other IdentificationYear BuiltUnknownUnknownN/A2-QS-68Unk.UnknownUnknownN/A2-QS-68Unk.UnknownUnknownN/A2-QS-68Unk.Allied Nut & BoltHeat No. 36746N/A2-QS-681992A & G Eng.Heat No.N/A2-QS-681989	Name of Manufacturer ManufacturerManufacturer Serial No.Board Nc.Other IdentificationYear BuiltReplaced, or ReplacementUnknownUnknownN/A2-QS-68Unk.ReplacedUnknownUnknownN/A2-QS-68Unk.ReplacedUnknownUnknownN/A2-QS-68Unk.ReplacedAllied Nut & BoltHeat No.N/A2-QS-681992ReplacementA & G Eng.Heat No.N/A2-QS-681989Replacement

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

Tests Conducted:	Hydrostatic	Pneumatic	Nominal	Operating Pressure	
	in the second the	· moonnorre []	recenting	Operating riessure	
	Other Pressu	re	Dai Test	Temp	82

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.

(12/82)

8.

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 thisreplacement conforms to the rules of the
ASME Code, Section XI. repair or replacement
Type Code Symbol StampN/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Patrick & Naughts Date Soplember 25, 19 96
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid coumission issued by the National Board of Boiler and Pressure Viewel Langesters and the Second
or Province of Virginia and employed by H.S.D. I+I
or Province of <u>Virginia</u> and employed by <u>H.S.O. I-I</u> <u>Hertford</u> <u>erf</u> in this Owner's Report during the period. <u><u>9/14/36</u> to <u>9/17/36</u>, and state the</u>
in this Owner's Report during the period ?// ?/ to ?// ?/ SG, and state the
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in thi
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 employe shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with thi
inspection.
이렇게 이렇게 잘 많다. 그는 것은 것은 것은 것은 것이 집에 가지 않는 것을 가지 않는 것을 가지 않는 것을 하는 것이 없다.
much my space Commissions VA424 INA
Inspector's Signature Commissions VA424 5.N.A. National Board, State, Province, and Endorsements
Dave

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 32 of 68

## 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	October 3, 1996
Name	
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet of
Address	5/18e1
2. PlantNorth Anna Power Station	Unit ²
Name	
P.O. Box 402, Mineral, VA 23117	R/R 96-352 W.O. 351036-01
Address	Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company	NI/A
Name	Type Code Symbol Stamp
5000 Dominion Blvd., Glen Allen, VA 23060	Authorization No. N/A
Address	Expiration Date
4. Identification of System Quench Spray	
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edit	tion, 1970 Addenda, 78, 81, 83(R), 115 Code Case
	86

86 (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)
Stud Structural, 1/2" Dia,	Unknown	Unknown	N/A	2-05-37	Unk.	Replaced	No
Nut, 1/2" Dia.	Unknown	Unknown	N/A	2-05-37	Unk.	Replaced	No
Stud Structual, 1/2" Dia.	Mackson, Inc.	Heat No. 60451	N/A	2-05-37	1996	Replacement -	No
Nut, 1/2" Dia.	Mackson, Inc.	Heat No. 97364	N/A	2-05-37	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 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.

(12/82)

Applicable Manufacturer's Data Reports to be attached

9. Remarks ____ASME Class 2

CI	ERTIFICATE OF COMPLIANCE
We certify that the statements made in ASME Code, Section X1.	n the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol Stamp N/A	
Certificate of Authorization NoN/A	Expiration Date N/A
Signed 1- ahuch ( Maughtin I Owner or Owner's Designee, Title	SI Engineer Date October 3, 1996
I, the undersigned, holding a valid commission is	TIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission is	TIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission is	TIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission is or Province of <u>Ungeness</u> and em <u>dectfield</u> <u>ef</u> in this Owner's Report during the period to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requirement	TIFICATE OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta nployed by <u>H.S.B.F.F</u> have inspected the components describe <u>21/5/76</u> to <u>91/176</u> , and state this wher has performed examinations and taken corrective measures described in the ents of the ASME Code, Section XI.
I, the undersigned, holding a valid commission is or Province of <u>Verseus</u> , and en <u>dectfest</u> in this Owner's Report during the period to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requirem By signing this certificate neither the Inspect examinations and corrective measures described shall be liable in any manner for any personal in	TIFICATE OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat nployed by <u>H.S.B.F.F.</u> have inspected the components describe <u>Plus 196</u> to <u>Plus 196</u> , and state this wher has performed examinations and taken corrective measures described in the ents of the ASME Code, Section XI. tor nor his employer makes any warranty, expressed or implied, concerning the d in this Owner's Report. Furthermore, neither the inspector nor his employer
I, the undersigned, holding a valid commission is or Province of <u>Virgenis</u> and en <u>dectfunct</u> in this Owner's Report during the period to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requirem By signing this certificate neither the Inspect examinations and corrective measures described shall be liable in any manner for any personal in inspection.	TIFICATE OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat nployed by <u>H.S.B.F.F</u> have inspected the components describe <u>9/15/96</u> to <u>9/15/96</u> , and state the vner has performed examinations and taken corrective measures described in the

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 33 of 68

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

1.	Owner Virginia Electric & Power Company	Date 10-28-96
	Seco Dominion Blud, Glen Allen, VA 23060	Sheet
2.	Plane North Anna Power Station	Unit2
	P.O. Bex 402, Mineral, VA 23117	R/R 96-353 4.0. 351037-01 Repeir Organization P.O. No., Job No., etc.
3.	Work Performed by Virginia Electric & Power Company	Type Code Symbol Stamp//4
	Soce Dominion Blud, Glan Allen, VA 23060	Expiration Date
4.	Identification of System_ Quench Spray (Q3)	
5,	(a) Applicable Construction Code ANSI B31.7 19 69 Edition,	1970 Addende, 78, 81, 83(R) 115 Code Case

- 5. (a) Applicable Construction Code ANDI 331.7 19 6 4 Edition, 170 Addenda, 78 8 (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	Yeer Built	Repaired, Replaced, or Replacement	Code Stampe (Yes or No)
Studs	Texas Bolt	Hent No. 51351	J/A	2-25-40	1994	Replacement	No
Nuts	Texas Bolt	Hent No. 97364	N/A	2-QS-40 2-QS-40	1995	Replacement	No
Description of Wo	rk Replaces	ialve bet	ting				

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

(12/82)

8. 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 IRD acente T conforms to the rules of the ASME Code, Section X1. repair or replacement Type Code Symbol Stamp_ N/A Expiration Date -Certificate of Authorization No_ Ham Fugineer Date-28 , 19 96 Signed. Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by H.S. D. I + I Hischford, CT _____ of in this Owner's Report during the period _______Yest/86 ______ to _____Yest/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 menner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Mark M. House Commissions VA424 E.N.A Inspector's Signature Commissions National Board, State, Province, and Endorsements Date_____/01 7 ____19.96

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 34 of 68

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

Owner Virginia Electric & Power Company Name	Date October 4, 1996
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet1 of1
Address Plant North Anna Power Station	Unit 2
Name P.O. Box 402, Mineral, VA 23117	R/R 96-357 W.O. 350519-01
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Crane Valves Nuclear Operations	Type Code Symbol Stamp N/A
Name	Authorization No. N/A
860 Remingtion Blvd., Bolingbrook, IL 60440 Address	Expiration DateN/A
Identification of System Feedwater	

(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
					125		

7. Description of Work Machined gasket surface 0.0.12" to allow far 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.

(12/82)

	pplicable Manufacturer's Data Reports to be attached
Performed construction code LP examines	tion after mechining.
	CERTIFICATE OF COMPLIANCE
We certify that the statements made	and the second
ASME Code, Section X1.	e in the report are correct and this conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
Castificate of Authorization No. N/A	All A
Certificate of Authorization No.	Expiration Date N/A
Certificate of Authorization No.	Expiration Date
Certificate of Authorization No.	
certificate of Authorization No.	Z Engineer Dete October 4 1996
certificate of Authorization No.	
Signed Path & Naugth I 5. Owner of Owner's Designue, Title	I Enghee Dere October 4 , 19.96
Signed Path & Naugth I 5. Owner of Owner's Designee, Title CE	Z Engineer Dete October 4 1996
Signed Path & Naugth I 5 Owner of Owner's Designee, Title CE , the undersigned, holding a valid commission	I Engineer Dete October 4 1996
Signed Path & Naugth I 5 Owner of Owner's Designee, Title CE , the undersigned, holding a valid commission	I Engineer Dete October 4 1996
Signed Path & Naugth I 5. Owner of Owner's Designee, Title CE , the undersigned, holding a valid commission	Image Dete       Octobe       4       , 19.96         Instructional Board of Boiler and Pressure Vessel Inspectors and the State employed by       H: S B I=I       0         have inspected the components describe       here inspected the components describe
Signed Path & Naugth I 5 Owner & Owner's Designee, Title CE the undersigned, holding a valid commission or Province of <u>Virgueik</u> and <u>Hartferd</u> <u>CT</u> n this Owner's Report during the period	Image: Engineer       Dete       Octobe       4       , 19.96         Image: Engineer       Dete       Dete       10.97       , 10.97         Image: Engineer       Dete       Dete       10.97       , 10.97       10.97         Image: Engineer       Dete       Dete       10.97       10.97       10.97       10.97         Image: Engineer       Dete       Dete       Dete       10.97       10.97       10.97
Signed Path & Naugth I 5 Owner & Owner's Designee, Title CE , the undersigned, holding a valid commission or Province of Virgunia and Martferd, CT n this Owner's Report during the period o the best of my knowledge and belief, the	Image: Engline       Dete       Octobe       4       , 19 %         Image: Engline       Dete       Dete       Ottobe       4       , 19 %         Image: Engline       Dete       Ottobe       Dete       4       , 19 %         Image: Engline       Dete       Dete       Ottobe       Here       19 %         Image: Engline       Dete       Dete       Dete       Here       19 %       10 %         Image: Engline       Dete       Dete       Dete       10 %       10 %       10 %         Image: Engline       Dete       Dete       Dete       Dete       10 %       10 %       10 %       10 %
Signed Path & Naught I 5 Owner & Owner's Designee, Title CE , the undersigned, holding a valid commission or Province of <u>Virgenis</u> and <u>Macheed</u> CT n this Owner's Report during the period o the best of my knowledge and belief, the Owner's Report in accordance with the require	Image Engines       Dete       October       4///, 19.96         Intractional Board of Boiler and Pressure Vessel Inspectors and the State employed by       H.S. B. I ~ I       0         Image Provided by       H.S. B. I ~ I       0       0         Image Provided by       H.S. B. I ~ I       0         Image Provided by       H.S. B. I ~ I       0         Image Provided by       H.S. B. I ~ I       0         Image Provided by       H.S. B. I ~ I       0         Image Provided by       H.S. B. I ~ I       0         Image Provided by       H.S. B. I ~ I       0         Image Provided Box       Image Provided Box       0 <tr< td=""></tr<>
Signed Path & Naught IS Owner & Owner's Designee, Title CE the undersigned, holding a valid commission or Province of <u>Virgueik</u> and <u>Macheck</u> CT n this Owner's Report during the period o the best of my knowledge and belief, the Dwner's Report in accordance with the require By signing this certificate neither the Insp	Image: Tengines       Dete       Octobe       4       , 19 %         Instruction of the state
Signed Path & Naught IS Owner & Owner's Besignee, Title CE the undersigned, holding a valid commission or Province of <u>Virg, min</u> and <u>Markferd</u> ET n this Owner's Report during the period o the best of my knowledge and belief, the Dwner's Report in accordance with the require By signing this certificate neither the Insp xaminations and corrective measures descrit	Image: Tengineer       Dete       Octobe       4       , 19 %         Instruction of the National Board of Boiler and Pressure Vessel Inspectors and the State employed by       Image: State of the State of the components describe of the components describe of the spectral tent of the ASME Code, Section XI.         Dete       Output tent of the ASME Code, Section XI.         Dete       Output tent of the State of the components described in the tents of the ASME Code, Section XI.         Dete       Output tent of the tent of t
Signed Path & Naugth I 5 Owner & Owner's Designee, Title CE , the undersigned, holding a valid commission or Province of <u>Virgueik</u> and <u>Markfersh</u> CT n this Owner's Report during the period of the best of my knowledge and belief, the Owner's Report in accordance with the require By signing this certificate neither the Insp examinations and corrective measures describe hall be liable in any manner for any personal	Imagineer       Dete       October       4       19 %         Instant of the National Board of Boiler and Pressure Vessel Inspectors and the State employed by       N.S. B. 5 ~ 2       0         Imagineer       Image: Algorithm of the state of the components described in the state of the ASME Code, Section XI.       0         Dete       Image: Algorithm of the ASME Code, Section XI.       0         Dete       Image: Algorithm of the ASME Code, Section XI.         Dete       Image: Algorithm of the ASME code, Section XI.         Dete       Image: Algorithm of the ASME code, Section XI.         Dete       Image: Algorithm of the ASME code, Section XI.         Dete       Image: Algorithm of the ASME code, Section XI.         Dete       Image: Algorithm of the ASME code, Section XI.         Dete       Image: Algorithm of the Asmer of the As
Signed Path & Naught IS Owner & Owner's Designee, Title CE the undersigned, holding a valid commission or Province of <u>Virginik</u> and <u>As Aferaf</u> ET In this Owner's Report during the period to the best of my knowledge and belief, the Dwner's Report in accordance with the require By signing this certificate neither the Insp examinations and corrective measures descrit	Imagineer       Dete       October       4       19 %         Instant of the National Board of Boiler and Pressure Vessel Inspectors and the State employed by       N.S. B. 5 ~ 2       0         Imagineer       Image: Algorithm of the state of the components described in the state of the ASME Code, Section XI.       0         Dete       Image: Algorithm of the ASME Code, Section XI.       0         Dete       Image: Algorithm of the ASME Code, Section XI.         Dete       Image: Algorithm of the ASME code, Section XI.         Dete       Image: Algorithm of the ASME code, Section XI.         Dete       Image: Algorithm of the ASME code, Section XI.         Dete       Image: Algorithm of the ASME code, Section XI.         Dete       Image: Algorithm of the ASME code, Section XI.         Dete       Image: Algorithm of the Asmer of the As
Signed Path & Naught IS Owner & Owner's Designee, Title CE the undersigned, holding a valid commission or Province of <u>Virginit</u> and <u>As Aferal</u> CT n this Owner's Report during the period on the best of my knowledge and belief, the Owner's Report in accordance with the require By signing this certificate neither the Insp examinations and corrective measures descrit shall be liable in any manner for any personal inspection.	Image: Tengeneer       Dete       Octobe       4       , 19 %         Image: Triperson of the second seco
Signed Path & Naugth I 5 Owner & Owner's Designee, Title CE , the undersigned, holding a valid commission or Province of <u>Virgueik</u> and <u>Markfersh</u> CT n this Owner's Report during the period of the best of my knowledge and belief, the Owner's Report in accordance with the require By signing this certificate neither the Insp examinations and corrective measures describe hall be liable in any manner for any personal	Imagineer       Dete       Octobe       4/4       19 96         Instructional Board of Boiler and Pressure Vessel Inspectors and the State employed by       N - 5 B F - F       0         Imagineer       have inspected the components describer       0         Imagineer       10 9/6       0         Imagineer       10 9/6       0         Imagineer       10 9/6       0         Imagineer       0       0         Imagineer       10 9/6

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 35 of 68

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

. Owner <u>Virginia Electric &amp; Power Company</u> Name	Date October 3, 1996
5000 Dominion Blvd., Glen Allen, VA 23060 Address North Anna Power Station	Sheet o! 1
. PlantName	Unit
P.O. Box 402, Mineral, VA 23117 Address	R/R 96-358 W.O. 327380-01 Repair Organization P.O. No., Job No., etc.
Work Performed by	Type Code Symbol Stamp N/A Authorization No. N/A
Huntsville, AL 35807 Address	Expiration Date N/A
Identification of SystemMain Steam	

 5. (a) Applicable Construction Code NAS 89 2
 19 72
 Edition, N/A
 Addenda, N/A
 Code Case

 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
 Code Case
 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)
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:	Hydrostat	ic 🗌	Pneumatic	Nomin	al Operating	Pressure	
		Other	Pressu			est 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.

(12/82)

9. Remarks ____ASME Class 2

Applicable Manufacturer's Data Reports to be attached

Performed construction code LP examination.

	CERTIFICATE OF COM	PLIANCE			
We certify that the statements made	e in the report are correct	and this	epair	conforms	to the rules of the
ASME Code, Section X1.		repa	ir or replecen		
Type Code Symbol StampN/A					
Certificate of Authorization No. N/A		Expiration	Date N/A		
Signed Pat Waught ISI	Engineer	Date	October	3	19 96
CE , the undersigned, holding a valid commission or Province of	RTIFICATE OF INSERV issued by the National Bo employed by <u>N.S. R.</u>	ICE INSPEC	CTION er and Pressur	e Vessel Insp	
CE , the undersigned, holding a valid commission or Province of	RTIFICATE OF INSERV issued by the National Bo employed by <u>N.S. R.</u>	ICE INSPEC	CTION er and Pressur	e Vessel Insp sted the cor	mponents describe
CE , the undersigned, holding a valid commission or Province of <u>Viguas</u> and <u>Hertfeid</u> et n this Owner's Report during the period	RTIFICATE OF INSERV issued by the National Bo employed by <u>H.S. B.J</u> 9//6/96	ICE INSPEC	er and Pressur have inspec 9/17/96	e Vessel Insp sted the cor	mponents describe
CE , the undersigned, holding a valid commission or Province of <u>Viguais</u> and <u>Hertfeid</u> eT n this Owner's Report during the period o the best of my knowledge and belief, the	RTIFICATE OF INSERV issued by the National Bo employed by <u>H.S. E.</u> 9/16/96 Owner has performed exp	ICE INSPEC	ar and Pressur have inspec 9/17/96	e Vessel Insp sted the cor	mponents describe
CE , the undersigned, holding a valid commission or Province of <u>Versures</u> and <u>Hertfect</u> <u>ET</u> n this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the require	RTIFICATE OF INSERV issued by the National Bo employed by <u>Not Bo</u> 9/16/96 Owner has performed exis ements of the ASME Code	ICE INSPEC bard of Boile Toto minations a b, Section XI	And Pressur have inspect 9/17/96 and taken corr	e Vessel Insp sted the cor rective measu	mponents describe , and state the res described in th
CE the undersigned, holding a valid commission or Province of <u>Versues</u> and <u>Hertfrist</u> <u>ET</u> n this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the require By signing this certificate neither the Insp examinations and corrective measures describ	RTIFICATE OF INSERV issued by the National Bo employed by <u>M.S. R.</u> 9//6/96 Owner has performed exi ements of the ASME Code rector nor his employer m bed in this Owner's Repo	to	ction ar and Pressur have inspec 9/17/96 and taken corr arranty, expr more, neither	e Vessel Insp sted the cor rective measu essed or impl the Inspecto	mponents describe , and state the res described in th lied, concerning th or nor his employe
CE , the undersigned, holding a valid commission or Province of <u>Vicears</u> and <u>Hertferst</u> CT n this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the require By signing this certificate neither the Insp	RTIFICATE OF INSERV issued by the National Bo employed by <u>M.S. R.</u> 9//6/96 Owner has performed exi ements of the ASME Code rector nor his employer m bed in this Owner's Repo	to	ction ar and Pressur have inspec 9/17/96 and taken corr arranty, expr more, neither	e Vessel Insp sted the cor rective measu essed or impl the Inspecto	mponents describe , and state the res described in the lied, concerning the or nor his employe
CE , the undersigned, holding a valid commission or Province of <u>Vegace</u> and <u>Hertfect</u> n this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the require By signing this certificate neither the Insp examinations and corrective measures descri- thall be liable in any manner for any personal	RTIFICATE OF INSERV issued by the National Bo employed by <u>M.S. R.</u> 9//6/96 Owner has performed exi ements of the ASME Code rector nor his employer m bed in this Owner's Repo	to	Antiper and Pressur have inspect 9/17/96 and taken corrol arranty, expr more, neither f any kind ari	e Vessel Insp sted the con rective measu essed or impli- the Inspecto sing from or	mponents describe , and state the res described in the lied, concerning the or nor his employe

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 36 of 68

## 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 September 30, 1996
5000 Dominion Blvd., Glen Allen, VA 23060 Address	Sheet of 1
PlantNorth Anna Power Station	Unit 2
P.O. Box 402, Mineral, VA 23117	R/R 96-359 W.O. 351033-01
Address Work Performed by Virginia Electric & Power Company Name 5000 Dominion Blvd., Glen Allen, VA 23060	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A Authorization No. N/A
Address . Identification of SystemResidual Heat Removal	Expiration Date

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 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 7/8" Dia.	Unknown	Unknown	N/A	2-RH-MOV-27208	Unk.	Replaced	No
Nut, 1 7/8" Dia,	Unknown	Unknown	N/A	2-RH-MOV-2720B	Unk.	Replaced	No
Stud Structual, 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-27208	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 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.

(12/82)

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 tify that the statements made ASME Code, Section XI.	in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization NoN/A	Expiration DateN/A
Signed Patrick Naught ISI Owner & Owner's Designee, Title	Engineer Date September 30 1996
	RTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission or Province of <u>Virginis</u> and s	issued by the National Board of Boiler and Pressure Vessel Inspectors and the State employed by <u>H.J.CITT</u>
I, the undersigned, holding a valid commission or Province of <u>Virgiais</u> and a <u>Hertfur</u> CT in this Owner's Report during the period to the best of my knowledge and belief, the C	issued by the National Board of Boiler and Pressure Vessel Inspectors and the State employed by <u>H, J, E, F, F</u> have inspected the components described <u>PH6/96</u> to <u>PH5/96</u> , and state tha Owner has performed examinations and taken corrective measures described in thi
I, the undersigned, holding a valid commission or Province of <u>Verginers</u> and <u>Archigenetics</u> in this Owner's Report during the period to the best of my knowledge and belief, the C Owner's Report in accordance with the require By signing this certificate neither the Inspe examinations and corrective measures describ	issued by the National Board of Boiler and Pressure Vessel Inspectors and the State employed by <u>H, J, E, F, F</u> have inspected the components described <u>PH6/96</u> to <u>PH5/96</u> , and state tha Owner has performed examinations and taken corrective measures described in thi

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 37 of 68

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

, Owner Virginia Electric & Power Company	Date October 1, 1996
Name	
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet 1 of 1
Address	aneet DI
Plant North Anna Power Station	Unit 2
Name	
P.O. Box 402, Mineral, VA 23117	R/R 96-360 W.O. 350962-01
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Virginia Electric & Power Company	Type Code Symbol Stemp N/A
Name	Authorization No. N/A
5000 Dominion Blvd., Glen Allen, VA 23060	Expiration Date N/A
Address	- CADINATION Date
Identification of System Component Cooling	

 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
 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 Structual, 3/4" Dia.	Mackson, Inc.	Heat No. M51482	N/A	2-CC-302	1996	Replacement	Nó
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% 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.

(12/82)

Applicable Manufacturer's Data Reports to be attached

9. Remarks ____ASME Class 2

	CERTIFICATE OF COMPLIANCE
We certify that the statements ma	ade 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	
A CARLES AND A CARLES AND	
Certificate of Authorization No. N/A	Expiration Date N/A
Signed Patrick from I Signed Title	SI Enginee: Date Octobor 1, 1996
	CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commissi	ion issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
province of Virginia BI	and employed byF.J.F.
in this Owner's Report during the period	nave inspected the components describ
to the best of my knowledge and belief, th	he Owner has performed examinations and taken corrective measures described in the
Owner's Report in accordance with the requ	
	nspector nor his employer makes any warranty, expressed or implied, concerning t
	cribed in this Owner's Report. Furthermore, neither the Inspector nor his employ
	nal injury or property damage or a loss of any kind arising from or connected with th
and the state in any interiner for any period	
inspection.	
inspection.	Commissions VA 424 5.N.A National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 38 of 68

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

Name	Date
5000 Dominion Blvd., Glen Allen, VA 23060	0
Address	Sheet of
PlantNorth Anna Power Station	Unit 2
Name P.O. Box 402, Mineral, VA 23117	R/R 96-361 W.O. 350963-01
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Virginia Electric & Power Company	Type Code Symbol Stamp N/A
Name	Authorization NoN/A
5000 Dominion Blvd., Glen Allen, VA 23060	Expiration DateN/A
Address	
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	Mcnufacturer Seriai 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	Nö
Nut, 3/4" Dia.	Unknown	Unknown	N/A	2-CC-289	Unk.	Replaced	No
Stud Structual, 3/4" Dia.	Mackson, Inc.	Heat No. M151482	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 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.

(12/82)

5thin

9. Remarks ____ ASME Class 2

	Applicable Manufacturer's Data Reports to be attached
	4
	CERTIFICATE OF COMPLIANCE
We certify that the statements ma ASME Code, Section X1.	ade in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization NoN/A	Expiration Date N/A
Signed Patrick / Nausta 75 Owner or Owner's Designee, Title	Date October 1 1996
I, the undersigned, holding a valid commissi or Province of	CERTIFICATE OF INSERVICE INSPECTION         on issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stand employed by         M. S. B. J+Z.         have inspected the components describ         9/16/96       to
in this Owner's Report during the period.	9/16/96 to 9/27/96 and state th
to the best of my knowledge and belief, th	e Owner has performed examinations and taken corrective measures described in the
Owner's Report in accordance with the requ	
examinations and corrective measures desc	spector nor his employer makes any warranty, expressed or implied, concerning t tribed in this Owner's Report. Furthermore, neither the Inspector nor his employ nal injury or property damage or a loss of any kind arising from or connected with th
Mail M. Apre. Inspector's Signature	Commissions VAY2Y F.M.A. National Board, State, Province, and Endorsements
Date 1920	

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 39 of 68

#### 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	October 1, 1996
Name	
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet of
Address	
2. Plant North Anna Power Station	Unit 2
Name	Unit and the second sec
P.O. Box 402, Mineral, VA 23117	R/R 96-362 W.O. 350961-01
Address	Repair Organization P.O. No., Job No., etc.
8. Work Performed by Virginia Electric & Power Company	N/A
Name	Type Code Symbol StampN/A
5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A
Address	Expiration Date
4. Identification of System Component Cooling	
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edi	ition,Addenda,78, 81, 83(R), 115 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	Menufacturer 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 Structual, 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.

Tests Conducted:	Hydrostatic	Pneumatic	Nomina	Operating Pressure	
	Other Pressu	ire	psi Tes	t 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.

(12/82)

8

Applicable Manufacturer's Data Reports to be attached

9. Remarks _____ASME Class 2

ci	ERTIFICATE OF COMPLIANCE
We certify that the statements made in ASME Code, Section X1.	n the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization NoN/A	Expiration Date N/A
Signed Att Waught IST ] Owner & Owner's Designee, Title	Engheer Date October 1 , 1996
i, the undersigned, holding a valid commission is	TIFICATE OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta mployed by <u>N. J. D. T. J.</u> have inspected the components describe
in this Owner's Report during the period	have inspected the components describ
to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requirement	wher has performed examinations and taken corrective measures described in th
examinations and corrective measures described	tor nor his employer makes any warranty, expressed or implied, concerning d in this Owner's Report. Furthermore, neither the Inspector nor his employ njury or property damage or a loss of any kind arising from or connected with th
1	
Mal M Ance Inspector's Signature	Commissions VA Y2Y J, NA National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 40 of 68

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

Owner Virginia Electric & Power Company Name	DateOctober 4, 1996
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet1of1
Plant_North Anna Power Station	Unit 2
Name	Ont
P.O. Box 402, Mineral, VA 23117	R/R 96-363 W.O. 350524-01
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Crane Valves Nuclear Operations	Type Code Symbol Stamp N/A
Name	Authorization NoN/A
860 Remingtion Blvd., Bolingbrook, IL 60440 Address	Expiration DateN/A
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	A.SME Code Stamped (Yes or No)
Check Valve	Crane	CV07002-2- 0.1.2	N/A	2-FW-94	1971	Repaired	No
	de la constante						

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 81/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is rumbered and the number of sheets is recorded at the top of this form.

(12/82)

	Applicable Menufacturer's Data Reports to be attached
- Perfori	ned construction code LP examination after machining.
	수 있는 것 같아요. 그는 것 같아요? 그는 것 같아요? 그는 것 같아요? 가지 않는 것 같아?
	CERTIFICATE OF COMPLIANCE
	Ne certify that the statements made in the report are correct and this repair conforms to the rules of the repair or replacement
ASIVIE COO	e, Section XI. repair or replacement
Tupe Code	Symbol StampN/A
Type Code	Symbol Stamp
Cartificate	of Authorization No. N/A
	of Authorization No Expiration Date
	of Authorization No Expiration Date
	of Authorization No. N/A Expiration Date N/A Patuch 1 Naugtta ISI Engineer Date October 4, 1996
	of Authorization No Expiration Date
	Date Date Date 1996
Signed	CERTIFICATE OF INSERVICE INSPECTION
Signed	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
Signed	Or Authorization No.       Expiration Date         Patient J. Manafta       ISI Engineer         Date       October 4         Dwner or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         risigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star         of       Virginic         and employed by       H.J. B. I'I         Affective       have inspected the components describe         mer's Report during the period       2/11/26         of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the
Signed	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
Signed A	Or Authorization No.       Expiration Date         Patient J. Manafta       ISI Engineer         Date       October 4         Dwner or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         risigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star         of       Virginic         and employed by       H.J. B. I'I         Affective       have inspected the components describe         mer's Report during the period       2/11/26         of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the
Signed ( ), the under or Province ( ), this Owner to the best Owner's Ri By sign	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
Signed ( ) I, the under or Province As in this Ow to the best Owner's Ri By sign examinatio	Expiration Date         Expiration Date         Date       Certaber 4       19 96         CERTIFICATE OF INSERVICE INSPECTION         Original Commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star         e of $Virisinitia       and employed by       H = 2: 0: I:C       free         -ffunctia       and employed by       H = 2: 0: I:C       free       free         effunctia       and employed by       H = 2: 0: I:C       free       free       free         effunctia       and employed by       H = 2: 0: I:C       free       free$
Signed	Or Authorization No.       Expiration Date         Patient Managetta       ISI Engineer         Date       October 4         Dwner or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         rrsigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star         of       Virgenice         and employed by       ISING         Affection       Image: Star         of       Virgenice         and employed by       ISING         Affection       Image: Star         have inspected the components describe         mer's Report during the period       Image: Star         of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the aport in accordance with the requirements of the ASME Code, Section X1.         ing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the temployee of the set of any kind arising from or connected with the temployee of the set of any kind arising from or connected with the temployee of the set of any kind arising from or connected with the temployee of the set of any kind arising from or connected with the temployee of the set of any kind arising from or connected with the temployee of the set o
Signed	Of Authorization No.       Expiration Date         Patula   Naugtta       ISI Engineer         Date       Cctober       4         Dwner or Owner's Designee, Title       Date       Cctober       4         CERTIFICATE OF INSERVICE INSPECTION         Inspectors and the Star         Or Summer or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         Or Summer or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         Or Summer or Owner's Designee, Title         Or Summer or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         Or Summer or Owner's Designee, Title         Or Summer or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         Or Summer or Owner's Designee, Title         Or Summer or Owner's Designee, Title         Or Summer or Owner's Designee, Title         Oute Colspan="2">Or Summer or Owner's Designee, Title         Oute Colspan= 2         Oute Colspan= 2         Oute Colspan="2">Oute Colspan="2">Oute Colspan= 2         Oute Colspan= 2         Oute Colspan= 2
Signed	Of Authorization No.       Expiration Date         Patial Managetta $TST$ Engineer         Downer or Owner's Designee, Title       Date $Cctober$ $4$ CERTIFICATE OF INSERVICE INSPECTION         Or Summer or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         Or Summer or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         Or Summer or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         Or Summer or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         Or Summer or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         Or Summer or Owner's Report Summer or Owner's Report or Owner's and the Star         Or Summer or Owner's Colspan="2">Or Summer or Owner's Report during the period         Mark Star         Or Summer or Summer or Owner has performed examinations and taken corrective measures described in the aport in accordance with the requirements of the ASME Code, Section XI.         Ing this certificate neit% or the Inspector nor his employer makes any warranty, expressed or implied, concerning the same or a loss of any kind arising from or connected with the temploy or property damage or a loss of any kind arising from or connected with the temploy
Signed	Or Authorization No.       Expiration Date         Patient Managetta       ISI Engineer         Date       October 4         Dwner or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         rrsigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star         of       Virgenice         and employed by       ISING         Affection       Image: Star         of       Virgenice         and employed by       ISING         Affection       Image: Star         have inspected the components describe         mer's Report during the period       Image: Star         of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the aport in accordance with the requirements of the ASME Code, Section X1.         ing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the temployee of the set of any kind arising from or connected with the temployee of the set of any kind arising from or connected with the temployee of the set of any kind arising from or connected with the temployee of the set of any kind arising from or connected with the temployee of the set of any kind arising from or connected with the temployee of the set o

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 41 of 68

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

Name	Date October 4, 1996
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet 1 of 1
PlantNorth Anna Power Station	Unit ²
Name P.O. Box 402, Mineral, VA 23117	R/R 96-364 W.O. 350524-01
Address	Repair Organization P.O. No., Job No., atc.
Work Performed by Virginia Electric & Power Company Name	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u>
5000 Duminion Blvd., Gien Allen, VA 23060 Address	Expiration DateN/A
Identification of SystemFeedwater	

 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 Manufar turer	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 Operation	ng Pressure	
		Other Pressu	re 890	psi Test Temp.	375	0 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.

(12/82)

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.

CE	RTIFICATE OF COMPLIANCE
We certify that the statements made in ASME Code, Section XI.	the report are correct and this <u>repair</u> conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization No	Expiration DateN/A
Signed A.P. Damin ISI Owner or Owner's Designee, Title	Engineer Date October 21, 19.96
, the undersigned, holding a valid commission issu or Province of <u>Viguriti</u> and emp	IFICATE OF INSERVICE INSPECTION ued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat ployed by
in this Owner's Report during the period	have inspected the components describe
to the best of my knowledge and belief, the Own Owner's Report in accordance with the requirement By signing this certificate neither the Inspecto	ner has performed examinations and taken corrective measures described in the ints of the ASME Code, Section XI. or nor his employer makes any warranty, expressed or implied, concerning the in this Owner's Report. Furthermore, neither the Inspector nor his employed
hall be liable in any manner for any nerestal	the second se
inspection. Mark M. Hare	ury or property damage or a loss of any kind arising from or connected with thi
inspection.	ury or property damage or a loss of any kind arising from or connected with thiCommissionsVAY2Y J, N ANational Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 42 of 68

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

Name	DateDate			
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet 1 of 1			
Address				
lantNorth Anna Power Station	Unit 2			
Name	Rev. 1			
P.O. Box 402, Mineral, VA 23117	R/R 96-365 W.O. 350824-01			
Address	Repair Organization P.O. No., Job No., etc.			
fork 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				
dentification of System Feedwater				
dentification of System Feedwater				

5. (a) Applicable Construction Code NAS-1638 19 71 Edition, N/A Addenda, N/A (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.

k,	Tests Conducted:	Hydrostatic	Pneumatic	Nominal Oper	rating Pressure	
		Other Pressu	ire 900			0

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.

(12/82)

	Applicable Manufacturer's Data Reports to be attached
Perfo	rmed construction code MT and RT examination after installation.
Perfo	rmed ASME Section XI preservice MT and UT examination.
Code	Case N-416-1 was invoked.
	CERTIFICATE OF COMPLIANCE
ASME CO	We certify that the statements made in the report are correct and this <u>repair</u> conforms to the rules of the ode, Section X1. repair or replacement
Type Coo	ie Symbol StampN/A
Certificat	e of Authorization No. 11 N/A Expiration Date N/A
Signed	e of Authorization No. 1 N/A Expiration Date N/A A.P. Hamin ISI Engineer Date Oct. 21, 1996
, the unc	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
r Provin	ce of Virginis and employed by A.J. D. E.F.
n this O	wher's Report during the period 2/14/26 to to 9/26/26 , and state the
	st of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in t Report in accordance with the requirements of the ASME Code, Section XI.
By sig	ning this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning t
	ions and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ able in any manner for any personal injury or property damage or a loss of any kind arising from or connected with th h.
	Mal M Have Commissions VA424 I, N.A. Inspector's Signature Commissions National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 43 of 68

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

Owner Virginia Electric & Power Company Name	Date October 4, 1996
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet 1 of 1
Address	
PlantNorth Anna Power Station	Unit 2
Name	
P.O. Box 402, Mineral, VA 23117	R/R 96-370 W.O. 350824-01
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Crane Valves Nuclear Operations	Type Code Symbol Stamp_N/A
Name	Authorization NoN/A
860 Remingtion Blvd., Bolingbrook, IL 60440 Address	Expiration DateN/A
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 Cther 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.

(12/82)

ASME Class 2 9. Remarks ____

Applicable Manufacturer's Data Reports to be attached Performed construction code LP examination after machining.

021	RTIFICATE OF COMPLIANCE
We certify that the statements made in t ASME Code, Section XI.	the report are correct and thisrepair conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization NoN/A	Expiration Date N/A
Signed Pate Naught ISI Em Owned or Owner's Designee, Title	ngineor Date October 4 , 1996
or Province of Virginitie and emp	have inspected the components describe
	have inspected the components describe
Owner's Report in accordance with the requirement	mer has performed examinations and taken corrective measures described in the ents of the ASME Code, Section XI.
examinations and corrective measures described	tor nor his employer makes any warranty, expressed or implied, concerning the in this Owner's Report. Furthermore, neither the Inspector nor his employ jury or property damage or a loss of any kind arising from or connected with the
mal m free Inspector's Signature	Commissions VA424 E, N.A National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 44 of 68

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

Owner Virginia Electric & Power Company Name	Date September 30, 1996		
5000 Dominion Blvd., Glen Allen, VA 23060 Address	Sheet of1		
Plant <u>North Anna Power Station</u> Name	Unit 2		
P.O. Box 402, Mineral, VA 23117	R/R 96-372 W.O. 351217-02		
Address	Repair Organization P.O. No., Job No., etc.		
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			
Identification of System Safety Injection			

5. (a) Applicable Construction Code <u>ANSI B31.7</u> 1969 Edition, 1970 Addenda, <u>78, 81, 83(R)</u>, <u>115</u>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)
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
					F		

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

Fests Conducted:	Hydrostatic	Pneumatic	Nominal	Operating Pressu	re 🗍
	Other Press	úre	psi Test		0

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.

(12/82)

8.

~ nlicable Manufacturer's Data Reports to be attached

An entrem of the entremeters of the second	
	CERTIFICATE OF COMPLIANCE
We certify that the st ASME Code, Section X1.	tatements made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol Stamp	A
Certificate of Authorization No	N/A Expiration Date N/A
Signed Pate 2 Naug Owner of Owner's De	the JSI Engineer Date September 20, 1996
I the undersident helding a ve	CERTIFICATE OF INSERVICE INSPECTION alid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sti
or Province of Virginith	and employed by N. S. D. FI
or Province of <u>Jussiers</u> <u>Hestford</u> <u>ef</u> in this Owner's Report during	and employed by <u>N. S. B. FIJ</u> have inspected the components describ the period <u>9/17/96</u> to <u>9/26/96</u> , and state the
or Province of <u>Virgues</u> <u>Heating</u> <u>ET</u> in this Owner's Report during to the best of my knowledge a	and employed by <u>N. S. B. FIJ</u> have inspected the components describ the period <u>9/17/96</u> to <u>9/26/96</u> , and state the
or Province of <u>frequence</u> <u>destify</u> <u>f</u> in this Owner's Report during to the best of my knowledge a Owner's Report in accordance	and employed by <u>N. S. B. FI</u> have inspected the components describ to <u>9/24796</u> , and state the and belief, the Owner has performed examinations and taken corrective measures described in the with the requirements of the ASME Code, Section X1.
or Province of <u>research</u> <u>Heatform</u> , <u>ef</u> in this Owner's Report during to the best of my knowledge a Owner's Report in accordance w By signing this certificate in examinations and corrective m shall be liable in any manner for	and employed by <u>N. S. B. Fi</u> have inspected the components describ of the period <u>9/12/96</u> , and state the and belief, the Owner has performed examinations and taken corrective measures described in the with the requirements of the ASME Code, Section XI. heither the Inspector nor his employer makes any warranty, expressed or implied, concerning the neasures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
or Province of <u>reserve</u> <u>destigation</u> in this Owner's Report during to the best of my knowledge a Owner's Report in accordance a By signing this certificate in examinations and corrective m	and employed by <u>N.S.B.FIJ</u> have inspected the components describ to <u>9/24/96</u> , and state the and belief, the Owner has performed examinations and taken corrective measures described in the with the requirements of the ASME Code, Section XI. heither the Inspector nor his employer makes any warranty, expressed or implied, concerning the neasures described in this Owner's Report. Furthermore, neither the Inspector nor his employ or any personal injury or property damage or a loss of any kind arising from or connected with the

9. Remarks ____ASME Class 2

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 45 of 68

## 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	October 3, 1996		
Name 5000 Dominion Blvd., Glen Allen, VA 23060	1 1 Sheet of		
Address 2. Plant North Anna Power Station	OrOr		
Name P.O. Box 402, Mineral, VA 23117	R/R 96-373 Rev. 1 W.O. 350519-06		
Address Work Performed by Virginia Electric & Power Company	Repair Organization P.O. No., Job No., etc. N/A		
Name 5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A		
Address Identification of SystemFeedwater	_ Expiration Date		
. (a) Applicable Construction Code NAS-163B 19 71 Ed	N/A Addenda N/A		

(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)
Check Valve.	Crane	CV07002-2- 0.1.3	N/A	2-FW-82	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. Pressure F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% 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.

(12/82)

9. Remarks ASME Class 2

Applicable Manufacturer's Data Reports to be attached Pertormed construction code MT and RT examination after repair.

Repair performed in accordance with ASME Section III 1983 Edition.

CERTIFICA	ATE OF COMPLIAN	and the second s			
We certify that the statements made in the repo	ri are correct and thi	srepair	c	onforms to	the rules of the
ASME Code, Section X1.		repair or re	placement		
N/A					
Type Code Symbol StampN/A					
Certificate of Authorization NoN/A	Expira	tion Date	N/A		
the second se					
Signed Pate Waught ISE Enginee-	Dr	ate O	Aben	3	1096
Owner of Owner's Designee, Title			Second States and States of States o		
n this Owner's Report during the period 9/17	7/96 1	have	inspected 196	the comp	onents describe
o the best of my knowledge and belief, the Owner has p	performed examinati	ons and tak	en correctiv	e measures	described in th
Owner's Report in accordance with the requirements of th					
By signing this certificate neither the Inspector nor hi	is employer makes a	ny warranty	, expressed	or implied	t, concerning th
		rthermore,	neither the	Inspector	nor his employ
xaminations and corrective measures described in this	and the state of the				and the state of the state of the
hall be liable in any manner for any personal injury or pr	operty damage or a l	oss of any k	ind arising	from or col	nnected with th
hall be liable in any manner for any personal injury or pr nspection.	roperty damage or a l	oss of any k	ind arising	from or col	nnected with th
hall be liable in any manner for any personal injury or pr nspection.	roperty damage or a l				nnected with th
hall be liable in any manner for any personal injury or pr nspection.	Commissions V	4424	I.N.A		
hall be liable in any manner for any personal injury or pr nspection.	Commissions V	4424	I.N.A		infected with th

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 46 of 68

## 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	October 1, 1996
5000 Dominion Blvd., Glen Allen, VA 23060 Address	Sheet 0f
2. PlantNorth Anna Power Station	Unit2
P.O. Box 402, Mineral, VA 23117	R/R 96-374 Rev. 1 W.O. 351094-01
Address 3. Work Performed by Virginia Electric & Power Company	Repair Organization P.O. No., Job No., etc. Type Code Symbol StampN/A
Neme 5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A
Address 4. Identification of SystemReactor Coolant	Expiration Date
5. (a) Applicable Construction Code NAS-2064 19 86 Edit	ion, 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, 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
							din 1
					1.5		

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 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.

(12/82)

9.	Rema	irks	ASME Class	1

Applicable Manufacturer's Data Reports to be attached

We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of AE Code, Section XI. repair or replacement e Code Symbol Stamp <u>N/A</u> ificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> ed <u>Patric J. Manufftttt IST Engines</u> Date <u>October 4</u> , 19 96
AE Code, Section XI. repair or replacement e Code Symbol Stamp <u>N/A</u> ificate of Authorization No, <u>N/A</u> Expiration Date <u>N/A</u>
ificate of Authorization NoN/AExpiration DateN/A
ificate of Authorization NoN/AExpiration DateN/A
ed Patrick & Manufita IST Engines Date October 4
CERTIFICATE OF INSERVICE INSPECTION         e undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the rovince of
is Owner's Report during the period 9/17/86 to to 4/66/96, and state
ne best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described i er's Report in accordance with the requirements of the ASME Code, Section XI.
ly signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning
ninations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his emp
be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected wit action.
Mail Marc Commissions VA424 I.N.A Inspector's Signature Commissions NA424 I.N.A National Board, State, Province, and Endorsemer

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 47 of 68

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

1. Owner Virginia Ele	ctric & Power Company	Date	October 4, 1996	
	Name		a na ana ana ana ana ana ana ana ana an	and the second
5000 Dominion Blvd.	, Glen Allen, VA 23060	Sheet	1 of 1	
	Address		Contraction of streaments	
2. Plant North Anna	Power Station	Unit	2	
P.O. Box 402, Minera	Name II, VA 23117	unan Utilit save		1 W.O. 350524-05
and a second	Address		Repair Organization	P.O. No., Job No., etc.
3. Work Performed by	Virginia Electric & Power Company		de Symbol Stamp_	N/A
	Name		zation No.	N/A
5000 Dominion Blvd.	, Glen Allen, VA 23060		on Date	N/A
	Address			
4. Identification of Sys	remFeedwater			
E (a) Applicable Con-	truction Code NAS-1638 19 71	N/A		N/A
o. (a) Applicable Cons	truction Lode19	Edition, N/A	Addenda	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)
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 cheets in form of lists, sketches, or drawings may be used, provided (1) size is 3½ 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.

(12/82)

9.	Remarks	ASME	Class	2

Applicable Manufacturer's Data Reports to be attached

Performed construction code MT and RT examination after repair.

CE	RTIFICATE OF COM	LIANCE	
We certify that the statements made in ASME Code, Section XI.	the report are correct a	nd this <u>repair</u> conform repair or replacement	ns to the rules of the
Type Code Symbol StampN/A			
Signed Parts + Naughton ISI Owner or Owner's Designee, Title	Engineer	Date October 4	. 19 96
, the undersigned, holding a valid commission issuer of the second secon	ployed by H.J.P	ard of Boiler and Pressure Vessel In	
the undersigned, holding a valid commission issues or Province of <u>Virginia</u> and emp <u>Hartford</u> CT n this Owner's Report during the period	ved by the National Bo ployed by <u>H.S.C</u> 8/11-/96	ard of Boiler and Pressure Vessel In 	omponents describe
, the undersigned, holding a valid commission issues or Province of <u>Virgenzia</u> and emp <u>Hertford</u> CT n this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requirement	ved by the National Bo ployed by <u>H.J.C</u> <u>Plitt[%6</u> mer has performed exa ints of the ASME Code,	ard of Boiler and Pressure Vessel In 	omponents described , and state tha sures described in thi
the undersigned, holding a valid commission issuer or Province of <u>Virgenzis</u> and emp <u>Hartfand</u> 57 n this Owner's Repois during the period to the best of my knowledge and belief, the Own	ved by the National Bo ployed by <u>H. J. P</u> <u>Plite[56</u> her has performed exa ints of the ASME Code, or nor his employer m in this Owner's Repo	ard of Boiler and Pressure Vessel In 	omponents described , and state that sures described in this aplied, concerning the ctor nor his employe

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 48 of 68

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

Owner Virginia Electric & Power Company Name	DateOctober 4, 1996
5000 Dominion Blvd., Glen Allen, VA 23060 Address	Sheet of
Plant North Anna Power Station	Unit 2
Name	
P.O. Box 402, Mineral, VA 23117	R/R 96-379 Rev. 1 W.O. 350824-04
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Virginia Electric & Power Company	Type Code Symbol Stamp N/A
Name	Authorization No. N/A
5000 Deminion Sivd., Glan Allan, VA 23060 Address	Expiration Date N/A
Identification of System Feedwater	

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
						27.24	
		1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.					

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure

Other Pressure psi Test Temp.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% 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.

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

°F

# 9. Remarks _____ASME Class 2

#### Applicable Manufacturer's Data Reports to be attached

Performed construction code MT and RT examination after repair.

	RTIFICATE OF COMPLIANCE
We certify that the statements made in ASME Code, Section X1.	the report are correct and this <u>repair</u> conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization NoN/A	Expiration DateN/A
Signed Patrolf Naughter ISI E. Owners Designee, Title	Date October 4
n this Owner's Report during the period o the best of my knowledge and belief, the Ow	have inspected the components described <i>Plin 196</i> to <i>10/2/96</i> , and state that ner has performed examinations and taken corrective measures described in this
xaminations and corrective measures described	nts of the ASME Code, Section XI. or nor his employer makes any warranty, expressed or implied, concerning the in this Owner's Report. Furthermore, neither the Inspector nor his employe ury or property damage or a loss of any kind arising from or connected with this
Mark M. Auce	Commissions VA424 ENA

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 49 of 68

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

Owner Virginia Electric & Power Company	Date
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet 1 of 1
Address	
Plant North Anna Power Station	Unit2
Name P.O. Box 402, Mineral, VA 23117	R/R 96-380 Rev. 2 W.O. 350519-07
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Virginia Electric & Power Company	Type Code Symbol StampN/A
Nerne 5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A
Address Identification of System Component Cooling	Expiration Date

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, 1970 86 (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	Manufacturei 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- 601-02	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 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.

(12/82)

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 statemen	its made in the report are con	rect and this	placement co	onforms to	the rules of the
ASME Code, Section XI.			ir or replacement		
Type Code Symbol Stamp <u>N/A</u>					
Certificate of Authorization NoN	A		Date N/A		
Signed Peter Waught Owner of Owner's Designee,	ISI Engineen	Date	Systember	31	. 19 96
I, the undersigned, holding a valid com or Province of	and another day of the	C R. 7.7			
ar Province of Vinterers	and another day of the	C R. 7.7			
Hartfurd, CT n this Owner's Report during the pe	eriod	5. B. J. J.	have inspected	the compo	onents describe -, and state the
or Province of $V_{IPERALS}$ $H_{S-T}f_{U}$ , $CT$ in this Owner's Report during the period the best of my knowledge and bell	eriod #// 2/ ef, the Owner has performe	S. B. J.J. 136to d examinations a	have inspected 9/23/96 and taken correctiv	the compo	onents describe
or Province of <u>Virginity</u> Hs-ffund CT In this Owner's Report during the period the best of my knowledge and bell Owner's Report in accordance with the	eriod <u>Y/15</u> ef, the Owner has performe e requirements of the ASME	S. B. J. Z 136 to d examinations a Code, Section X	have inspected 9/23/96 and taken correctiv	the compo ve measures	onents describe -, and state the described in th
by Province of <u>Virgeness</u> Hs-Tfu-d, CT In this Owner's Report during the per- to the best of my knowledge and beli Owner's Report in accordance with the By signing this certificate neither t	eriod <u><u><u></u></u><u><u></u><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></u></u>	S. B. J. J toto d examinations a Code, Section X yer makes any w	have inspected 9/23/96 and taken correctiv arranty, expressed	the compo ve measures	onents describe -, and state the described in th 1, concerning th
or Province of <u>Virgeness</u> <u>Hs-Tfund</u> CT In this Owner's Report during the per- to the best of my knowledge and beli- Dwner's Report in accordance with the By signing this certificate neither t examinations and corrective measures	eriod <u><u><u></u></u><u><u></u><u><u></u><u></u><u></u><u></u><u></u><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></u></u></u>	S. B. J. J d examinations a Code, Section X ver makes any w Report. Further	have inspected <u>9/23/86</u> and taken correctiv arranty, expressed more, neither the	the compo re measures f or implied Inspector i	, and state the described in th described in th d, concerning th nor his employe
or Province of <u>Virgeness</u> <u>HsrTfv-d</u> CT In this Owner's Report during the per- to the best of my knowledge and bell Owner's Report in accordance with the By signing this certificate neither t examinations and corrective measures thall be liable in any manner for any p	eriod <u><u><u></u></u><u><u></u><u><u></u><u></u><u></u><u></u><u></u><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></u></u></u>	S. B. J. J d examinations a Code, Section X ver makes any w Report. Further	have inspected <u>9/23/86</u> and taken correctiv arranty, expressed more, neither the	the compo re measures f or implied Inspector i	, and state the described in th described in th d, concerning th nor his employe
or Province of <u>Virgeness</u> <u>Hs-tfund</u> CT In this Owner's Report during the per- to the best of my knowledge and beli Owner's Report in accordance with the By signing this certificate neither t examinations and corrective measures thall be liable in any manner for any p inspection.	eriod <u><u><u><u></u></u><u><u><u></u></u><u><u></u><u><u></u><u></u><u><u></u><u></u><u></u><u><u></u><u></u><u></u><u></u><u></u><u></u></u></u></u></u></u></u></u>	S. B. J. Z d examinations a Code, Section X ver makes any w Report. Further amage or a loss o	have inspected 9/23/96 and taken correctiv arranty, expressed more, neither the f any kind arising	the compo ve measures I or implied Inspector i from or cor	, and state the described in th described in th d, concerning th nor his employed nected with th
or Province of <u>Virgeness</u> <u>HsrTfv-d</u> CT In this Owner's Report during the per- to the best of my knowledge and bell Owner's Report in accordance with the By signing this certificate neither t examinations and corrective measures shall be liable in any manner for any p	eriod <u><u><u><u></u></u><u><u><u></u></u><u><u></u><u><u></u><u></u><u><u></u><u></u><u></u><u><u></u><u></u><u></u><u></u><u></u><u></u></u></u></u></u></u></u></u>	S. B. J. Z d examinations a Code, Section X ver makes any w Report. Further amage or a loss o	have inspected 9/23/96 and taken correctiv arranty, expressed more, neither the f any kind arising	the compo ve measures I or implied Inspector i from or cor	onents describe , and state the described in th f, concerning the nor his employ- nnected with the
n this Owner's Report during the period the best of my knowledge and beli Owner's Report in accordance with the By signing this certificate neither t examinations and corrective measures thall be liable in any manner for any p inspection.	eriod <u><u><u><u></u></u><u><u><u></u></u><u><u></u><u><u></u><u></u><u><u></u><u></u><u></u><u><u></u><u></u><u></u><u></u><u></u><u></u></u></u></u></u></u></u></u>	S. B. J. Z d examinations a Code, Section X ver makes any w Report. Further amage or a loss o	have inspected <u>9/23/86</u> and taken correctiv arranty, expressed more, neither the	the compo ve measures I or implied Inspector i from or cor	conents describe , and state the described in th d, concerning th nor his employed nected with th

Docket Number: 50-339 Serial Number: 30-629 Attachment 2 Page 50 of 68

#### 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	September 30, 1996
Name	
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet of
Address	
2. Plant North Anna Power Station	Unit2
Name	
P.O. Box 402, Mineral, VA 23117	R/R 96-381 Rev. 2 W.O. 350524-06
Address	Repair Organization P.O. No., Job No., etc.
3. Work Performed by Virginia Electric & Power Company	Type Code Symbol StampN/A
Name 5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A Expiration Date
Address	
4. Identification of System Component Cooling	
5. (a) Applicable Construction Code ANSI 831.7 19 69 Edition	on, <u>1970</u> Addenda, <u>78, 81, 83(R), 115</u> Code Cas

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, 1970 86 (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)
Pipe	Stone & Webster Eng. Corp.	N/A.	N/A	16"-FW 423- 601-02	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.

B. Tests Conducted:	Hydrostat	ic 🗌	Pneumatic	Nominal	Operating	Pressure	ľ	
		Other	Pressu		osi Tes			0

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.

(12/82)

9. Remarks _

ASME Class 2

Applicable Manufacturer's Data Reports to be attached Replacement performed in accordance with ASME Section III 1986 Edition.

	ERTIFICATE OF COMPLIANCE	
We certify that the statements made in ASME Code, Section X1.	n the report are correct and this <u>replacement</u> conforms t repair or replacement	o the rules of the
Type Code Symbol StampN/A		
Certificate of Authorization NoN/A	Expiration Date	
Signed Poter & Naughter ISZ E. Owner for Owner's Designee, Title	ingineer Date Systembor 30	19 <u>96</u>
or Province of Virginic and er	sued by the National Board of Boiler and Pressure Vessel Inspe nployed by <u>M.S.B.T.T</u>	
or Province of Virginic and er	nploved by M. S. B. I.I	
or Province of $Virginic and err Hs-ffred, CTin this Owner's Report during the period$	have inspected the com	ponents describe
or Province of <u>Virginic</u> and err <u>He-ffind</u> , <u>CT</u> In this Owner's Report during the period to the best of my knowledge and belief, the Owner	have inspected the com have inspected the com	ponents describe
or Province of <u>Virginic</u> and en <u>Hs-ffield</u> , <u>ET</u> In this Owner's Report during the period to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requirement	have inspected the com have i	ponents describe , and state thi es described in th
or Province of <u>Virginic</u> and err <u>Hs-ff-rd</u> , <u>CT</u> in this Owner's Report during the period to the best of my knowledge and belief, the Ownor's Report in accordance with the requirement By signing this certificate neither the Inspect	have inspected the com have inspected the com have inspected the com have inspected the com have inspected the com $\frac{9/23/96}{7/23/96}$ wher has performed examinations and taken corrective measure ents of the ASME Code, Section XI. tor nor his employer makes any warranty, expressed or impli	ponents describe , and state thi es described in th ed, concerning th
or Province of <u>Virginite</u> and err <u>He-ff-raf</u> , <u>CT</u> in this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requirement By signing this certificate neither the Inspect examinations and corrective measures described shall be liable in any manner for any personal in	have inspected the com have i	ponents describe , and state thi es described in th ed, concerning th r nor his employe
or Province of <u>Virginic</u> and em <u>He-ffind</u> , <u>Ef</u> in this Owner's Report during the period to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requirem By signing this certificate neither the Inspect examinations and corrective measures described shall be liable in any manner for any personal in inspection.	have inspected the com have i	ponents describe , and state the es described in th ed, concerning the r nor his employed onnected with the
or Province of <u>Virginité</u> and err <u>He-Hfred</u> , ET in this Owner's Report during the period to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requirem By signing this certificate neither the Inspect examinations and corrective measures described	have inspected the com <u>Pley/sc</u> to <u>9/23/96</u> wher has performed examinations and taken corrective measure ents of the ASME Code, Section XI. tor nor his employer makes any warranty, expressed or impli d in this Owner's Report. Furthermore, neither the Inspecto	ponents describe , and state that es described in th ed, concerning the r nor his employed onnected with the

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 51 of 68

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

. Owner Virginia E ectric & Power Company	September 30, 1996
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet ¹ of ¹
Address	
Plant North Anna Power Station	Unit 2
Name	
P.O. Box 402, Mineral, VA 23117	R/R 96-382 Rev. 2 W.O. 350824-05
Address	Repair Organization P.O. No., Job No., etc.
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	N/A
Address	Expiration Date
. 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)
Ріре	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 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.

(12/82)

# 9. Remarks ____ASME Class 2

Applicable Manufacturer's Data Reports to be attached

Replacement performed in accordance with ASME Section III 1986 Edition.

CE	RTIFICATE OF COMPLIANCE
We certify that the statements made in ASME Code, Section XI.	the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
	Expiration Date N/A
igned Patrich Nauetten ISI Owner or Bwrier's Designee, Title	Ensineer Date September 30 , 19 76
CERT	IFICATE OF INSERVICE INSPECTION
CERT , the undersigned, holding a valid commission iss or Province of <u>Victures</u> and em	TFICATE OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat aployed by
CERT , the undersigned, holding a valid commission iss or Province of <u>Viccusts</u> and em <u>Hort furf</u> GT n this Owner's Report during the period	TFICATE OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat apployed by
CERT , the undersigned, holding a valid commission iss or Province of <u>Vicguns</u> and em <u>Hort fur</u> f of this Owner's Report during the period o the best of my knowledge and belief, the Ow Owner's Report in accordance with the requirement	TFICATE OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat ployed by <u>A. S. B. Z-Z</u> have inspected the components describe <u>21/5/26</u> to <u>9/25/26</u> , and state the other has performed examinations and taken corrective measures described in th ents of the ASME Code, Section XI.
CERT the undersigned, holding a valid commission iss r Province of <u>Victures</u> and em <u>Hortfurf</u> this Owner's Report during the period this Owner's Report during the period the best of my knowledge and belief, the Ow owner's Report in accordance with the requirement By signing this certificate neither the Inspect examinations and corrective measures described hall be liable in any manner for any personal inj	TFICATE OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat poloyed by
CERT , the undersigned, holding a valid commission iss or Province of <u>Vicguers</u> and em <u>Hoctffw</u> ff GT n this Owner's Report during the period o the best of my knowledge and belief, the Ow owner's Report in accordance with the requirement By signing this certificate neither the Inspect xaminations and corrective measures described hall be liable in any manner for any personal inj nspection.	TFICATE OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat apployed by <u>A.S.B.T+T</u> have inspected the components describe <u>2//5/26</u> to <u>2/25/26</u> , and state the oner has performed examinations and taken corrective measures described in the

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 52 of 68

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

. Owner Virginia Electric & Power Company	October 2, 1996
5000 Dominion Blvd., Glen Allen, VA 23060	n
Address	_ Sheet of
Plant North Anna Power Station	Unit 2
Name P.O. Box 402, Mineral, VA 23117	R/R 96-383 W.O. 323638-02
Address Work Performed by Virginia Electric & Power Company	Repair Organization P.O. No., Job No., etc.
Name 5000 Dominion Blvd., Glen Allen, VA 23060	Authorization No. N/A
Address Identification of System Chemical and Volume Control	_ Expiration Date

5. (a) Applicable Construction Code ANSI 831.7 19 69 Edition, 1970 Addenda, 78, 81, 83(R), 115 Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19

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-22868	Unk.	Replaced	No
Stud Structural, 3/4" Dia.	Mackson, Inc.	Heat No. M51482	N/A	2-CH-MOV-22868	1996	Replacement	No

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

Tests Conducted:	Hydrostatic	Pneumatic	Nominal	Operating Pressure	
	Other Pressu		Dei Tert		0

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% 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.

(12/22)

8.

9. Remarks ____ASME Class 2

	able Manufacturer's Da	its Reports to be attached	
			-
CE	RTIFICATE OF COMP	LIANCE	
We certify that the ratements made in ASME Code, Section X1.	the report are correct ar	nd this <u>replacement</u> confor repair or replacement	ms to the rules of the
Type Code Symbol Stamp_N/A			
	E	xpiration Date N/A	
Certificate of Authorization No	Basilee-	Date October 2	, 19 <u>.96</u>
	FICATE OF INSERVIO		
I, the undersigned, holding a valid commission issu or Province of <u>Virginia</u> and emp <u>Hertfuld</u> <u>CT</u> in this Owner's Report during the period	ied by the National Boa ployed byB.2	ard of Boiler and Pressure Vessel In	nspectors and the Sta
Hartfull, ET		have inspected the	components describe
in this Owner's Report during the period	9/18/96	to7/19186	, and state the
to the best of my knowledge and belief, the Own	ner has performed exam	ninations and taken corrective me	asures described in th
Owner's Report in accordance with the requirement			
By signing this certificate neither the Inspecto examinations and corrective measures described shall be liable in any manner for any personal ini-	in this Owner's Repor	t. Furthermore, neither the Insp	ector nor his employ
shall be liable in any manner for any personal inju inspection.			
and the N	Commissione	VAY2Y I.N.A	
Minh M Mere			
Inspector's Signature	Continues of the second s	National Board, State, Province	and Endorsements
DateOef 3 19/6	Contrastoria -	National Board, State, Provinca	and Endorsements

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 53 of 68

-	As Required by the Pro stions of the	
1.	Owner Virginia Electric & Power Company	Date96
	5000 Dominion Blud, Glan Allen, VA 23060	Sheet of
2.	Plant North Anna Power Station	Unit
	P.O. Box 402, Mineral, VA 2311-	B/R 96-385 Rev. 3 W.C. 351260 Repeir Organization P.O. No., Job No., etc.
3.	Work Performed by Virginia Electric & Power Company Name	Type Code Symbol Stamp 4/4
	Seec Dominion Blud, Glen Allen, VA 23060	Authorization No
4.	Identification of System_ Chemical & Volume Control	

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

- 5. (a) Applicable Construction Code ANSI 831.7 19 69 Edition, 1970 Addenda, 78 51, 93(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	Yeer Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2'T-58 Globe Volve	Reckwell Edwards	Unt.	N/A	2-(4-262	Unk.	Replaced	No
2"T-58 Globe Valve	Rockwell	CD -684	N/A	2-CH-262	1988	Replacement	No
2" Pipe	NA	0/4	NA	2"CH-496-1502-Q1	Unk.	Repaired	No
7. Description of Work	Replaced value	and res	aired ine	lientions/gery	< 2 in	adjacent pi	pina
8. Tests Conducted:		eumatic 🗌 No	minal Operatin Test Temp	ig Pressure		1 1	)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% 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.

(12/82)

Remarks ASME Class 1	
Performed surface examination of replacement	Data Reports to be attacked
lectorned surface examination of replacement	at socket welds.
Pertormed surface and RT examination.	f repair weld.
Repair was performed using rode (as	
CERTIFICATE OF CO	
We certify that the statements made in the report are correct ASME Code, Section XI.	repair or replacement
	물건의 관계적 가격한 것 같아. 영영 전 등
1.0	
Type Code Symbol StampN/A	
1/1/1	10
Certificate of Authorization No. 4	_Expiration Date
	Dete 0,t. 22, 19_76
Signed VI / Mar + SI Englisher	Dete22, 19_76
CERTIFICATE OF INSER	NIAF INFRATION
I, the undersigned, holding a valid commission issued by the National	
or Province of Victoria and employed by M. 5.	board of Boller and Pressure Vessel Inspectors and the Stati
Harth 1 FT	
in this Owner's Report during the period	to 10/16/96 and state the
to the best of my knowledge and belief, the Owner has performed e	
Owner's Report in accordance with the requirements of the ASME Co	
By signing this certificate neither the Inspector nor his employer	
examinations and corrective measures described in this Owner's Re	
shall be liable in any manner for any personal injury or property dam	
inspection.	
and the H	
and my Aprile Commission	15 VAY2Y INA
Inspector's Signature	hind and Bread Befor Breading and Bread
Inspector's Signature Commission	National Board, State, Province, and Endorsements
DateCCT_2219.76	National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 54 of 68

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

. Owner Virginia Electric & Power Company	October 1, 1996
Name	
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet 1 of 1
Address	Sneet 01
PlantNorth Anna Power Station	Unit 2
Name	Omt
P.O. Box 402, Mineral, VA 23117	R/R 96-387 W.O. 338732-02
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Virginia Electric & Power Company	Turne Code Sumbel Summer N/A
Name	Type Code Symbol StampN/A
5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A
Address	Expiration Date
Identification of System Reactor Coolant	

(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	Taylor	006	N/A	2-RC-H55-001A	1987	Replacement	No
					1		

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

Tests Conducted:	Hydrostatic	Pneumatic	Nominal	Operating	Pressure	l
	Other P		Dsi Test			 0

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% 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.

(12/82)

8

CERTIFICATE OF COMPLIANCE         We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of ASME Code, Section X1.         Type Code Symbol Stamp N/A         Certificate of Authorization No. N/A         Expiration Date N/A         Signed Placetter T32 Engineer         Out of Wiker's Designee, Title         Date Ochban 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 or Province of Micgraeue         Add f & f & f & f & f & f & f & f & f & f						
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of ASME Code, Section X1.  Type Code Symbol Stamp <u>N/A</u> Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> Signed <u>Adverteent</u> <u>TSZ Engineer</u> Date <u>Octube</u> <u>1</u> , 19 <u>76</u> 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 or Province of <u>Virgueic</u> and employed by <u>Ni Sci B.F.F.</u> have inspected the components desc in this Owner's Report during the period <u>91/12/56</u> to <u>91/22/56</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in Owner's Report in accordance with the requirements of the ASME Code, Section X1.  By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concernin examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector or his employer makes any warranty, expressed or implied, concernin the period in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concernin the adverteent of any personal injury or property damage or a loss of any kind arising from or connected with inspection.						
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of ASME Code, Section X1.  Type Code Symbol Stamp <u>N/A</u> Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> Signed <u>Adverteent</u> <u>TSZ Engineer</u> Date <u>Octube</u> <u>1</u> , 19 <u>76</u> 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 or Province of <u>Virgueic</u> and employed by <u>Ni Sci B.F.F.</u> have inspected the components desc in this Owner's Report during the period <u>91/12/56</u> to <u>91/22/56</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in Owner's Report in accordance with the requirements of the ASME Code, Section X1.  By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concernin examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector or his employer makes any warranty, expressed or implied, concernin the period in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concernin the adverteent of any personal injury or property damage or a loss of any kind arising from or connected with inspection.						
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of ASME Code, Section X1.  Type Code Symbol Stamp <u>N/A</u> Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> Signed <u>Adverteent</u> <u>TSZ Engineer</u> Date <u>Octube</u> <u>1</u> , 19 <u>76</u> 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 or Province of <u>Virgueic</u> and employed by <u>Ni Sci B.F.F.</u> have inspected the components desc in this Owner's Report during the period <u>91/12/56</u> to <u>91/22/56</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in Owner's Report in accordance with the requirements of the ASME Code, Section X1.  By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concernin examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector or his employer makes any warranty, expressed or implied, concernin the period in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concernin the adverteent of any personal injury or property damage or a loss of any kind arising from or connected with inspection.					and deside the state of the set o	
ASME Code, Section XI.  Type Code Symbol Stamp_N/A  Certificate of Authorization No. N/A  Signed Addition TST Engineer Date Octuber Date Octuber Date Octuber Date Octuber Date Certificate of Authorization No. N/A  CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Or Province of Micguesic and employed by ALSCREVICE INSPECTION I, the undersigned during the period of Micguesic and employed by ALSCREVICE INSPECTION I, the undersigned indicate the period of Micguesic and employed by ALSCREVICE inspected the components desc in this Owner's Report during the period 9/19/96 to 9/19/96 to 9/19/96 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in 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, concernin 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 inspection.			and the second se			
Certificate of Authorization No. <u>N/A</u> Signed <u>Authorization No.</u> <u>TOZ Engineer</u> 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 or Province of <u>Viegeneen</u> and employed by <u>N.J.B.F.Z</u> <u>Horffe:d</u> <u>ET</u> have inspected the components desc in this Owner's Report during the period <u>9/19/96</u> to <u>9/201986</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in 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, concernin examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer bill be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with inspection.		statements made in th	e report are correct ar	repair or replacer	conforms to t ment	the rules of the
Signed <u>Fite Hauston</u> <u>TST</u> 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 or Province of <u>Virguesc</u> and employed by <u>Ni Ji B. Fiz</u> <u>Hort ffe:df</u> <u>CT</u> have inspected the components desc in this Owner's Report during the period <u>9/19/96</u> to <u>9/20196</u> , and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in 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, concernin examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concernin examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concernin examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any kind arising from or connected with inspection.	Type Code Symbol Stamp	I/A				
CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the or Province of	Certificate of Authorization f	NoN/A		xpiration DateN/A		
CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the or Province of <u>Viewers</u> and employed by <u>N: S: B: F:Z</u> Hore f fe: d, CT         have inspected the components desc         In this Owner's Report during the period <u>9/19/96</u> to <u>9/20196</u> , and state         Owner's Report during the period <u>9/19/96</u> to <u>9/20196</u> , and state         Owner's Report during the period Section XI.         By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concernin         Examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concernin         examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concernin         examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concernin         examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer         examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer         examinations and corrective measures described in this Owne	Signed Pate & Naught	TOT Engine	ir.	_Date_October	(	_, 19 <b>96</b>
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in 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, concernin examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his emp shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with inspection.	I, the undersigned, holding a or Province of <u>Vieguese</u> Hort ferd, CT	valid commission issue	d by the National Boa	rd of Boiler and Press	re Vessel Inspecto	ors and the Sta
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, concernin examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his emp shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with inspection.	in this Owner's Report during to the best of my knowledge	ng the period	9/19/96	to \$/21/	86	, and state th
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his emp shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with inspection.	Owner's Report in accordance	e with the requirement	s of the ASME Code, !	Section XI.		
Mont M Apre Commissions VA424 ENA	examinations and corrective shall be liable in any manner inspection.	measures described in for any personal injur	n this Owner's Report y or property damage	t. Furthermore, neithe or a loss of any kind ar	r the Inspector n rising from or con	or his employ nected with th
Inspector's Signature National Board, State, Province, and Endorsemen	Mark M Ke	signature	Commissions	VA 424 5,1 Netional Board, State	N. A s, Province, and F.	ndorsements

9. Remarks ____ASME Class 1

Applicable Manufacturer's Dete Reports to be attached

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 55 of 68

## 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	October 1, 1996
Name 5000 Dominion Blvd., Glen Allen, VA 23060	Sheet of
Address	
2. Plant North Anna Power Station Name	Unit2
P.O. Box 402, Mineral, VA 23117	R/R 96-391 W.O. 351110-03
Address 3. Work Performed by Virginia Electric & Power Company	Repeir Organization P.O. No., Job No., etc. N/A Type Code Symbol Stamp
5000 Dominion Blvd., Glen Allen, VA 23060	Authorization No N/A
Address Reactor Coolant	Expiration Date
4. Identification of System	
5. (a) Applicable Construction Code NAS-2064 19 86 Edi	tion, Addenda, Code Case

(b) Applicable Edition of Sertion 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 K / p	Taylor	015	N/A	2-RC-HSS-003A	1987	Replaced	No
Snubber 14 K.P	Taylor	009	N/A	2-RC-HSS-003A	1987	Replacement	No
						-	

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

8.	Tests Conducted:	Hydrostatic	Pneumatic	Nominal	Operating Pr	ressure	
		Other Pressu		Dai Test			-

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.

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

=

	CERTIFICATE OF COMPLIANCE	
	e certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules , Section XI. repair or replacement	of the
Type Code !	lymbol StampN/A	
Certificate c	f Authorization NoN/AExpiration DateN/A	
Signed Pa	the INaughto ISI Enginee Date October 4 19.9	6
	CERTIFICATE OF INSERVICE INSPECTION	
I, the under	igned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the	he Sta
or Province	of Virginis and employed by H.J.D. 542	
dertfo	er's Report during the period 7/2+186 to 8/22/96 and st	escrib
	er's Report during the period7/2+/96 tototo, and state of my knowledge and belief, the Owner has performed examinations and taken corrective measures described	seen see
	ort in accordance with the requirements of the ASME Code, Section XI.	d in tr
	g this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerr	nina t
examination	and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his er	nploy
shali be liab	e in any manner for any personal injury or property damage or a loss of any kind arising from or connected w	vith th
inspection,	경험 상품적인 방법 방법을 통하는 것 같아. 정말 가지 않는 것 같아. 이 것 같아. 이 것 같아.	
inc	1. M. Jane. Commissions VA424 T.H.A. Inspector's Signature Commissions National Board, State, Province, and Endorsem	
	1. 1991. Apart. Commissions VA 42.4 T.H.A Inspector's Signeture National Board, State, Province, and Endorsem	ents
Date	Oct 4 1996	

9. Remarks ASME Class 1

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 56 of 68

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

Name	September 30, 1996
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet 1 of 1
Address	5/ieet01
PlantNorth Anna Power Station	Unit 2
Name P.O. Box 402, Mineral, VA 23117	R/R 96-395 W.O. 351458-01
Address	Repair Organization P.O. No., Job No., atc.
Work Performed by Virginia Electric & Power Company	Type Code Symbol Stamp N/A
Name	Authorization NoN/A
5000 Dominion Blvd., Glen Allen, VA 23060	Expiration Date N/A
Address	
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
 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.

Tests Conducted:	Hydrostati	c []	Pneumatic	Nom	inal	Operating Pressure	
	Other	Pressu	re	Dsi	Test	Temp	0

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.

(12/82)

8.

Replacement	Applicable Manufacturer's Data Reports to be attached
	performed in accordance with ASME Section III 1983 Edition.
	CERTIFICATE OF COMPLIANCE
We	certify that the statements made in the report are correct and thisreplacement conforms to the rules of the
ASME Code,	
Tupe Code Su	mbol Stamp_N/A
Type code by	moor atamp
	AU/A
Certificate of	Authorization NoN/AExpiration Date
0	t 1 Akust IST Ensheer Date September 30 1996
Signed ta	the LARMANTS ISTENSHORN Dave Sectember 30 1096
Owr	ter or Owner's Designee, Title Date
An owner where the property law and the	
	CERTIFICATE OF INSERVICE INSPECTION
, the undersig	aned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star
or Province of	ned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star Virginia and employed by H. S. D. F + D
or Province of	ned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star Virginia and employed by H. S. D. F + D
or Province of	ned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star Virginia and employed by H. S. D. F + D
or Province of Her in this Owner	and, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star $V_{inspirit}$ and employed by $H S B F T$ f f s d f f f have inspected the components describe is Report during the period $9/2 s/9 c$ to $9/2 s/8 c$ , and state the
in this Owner to the best of	aned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta $V_{IP}, n/4$ and employed by $H \le B \ge T \ge T$ $H \le B \ge T$ have inspected the components describe is Report during the period $\frac{9/2 \cup 196}{1000}$ to $\frac{9/2 \cup 196}{10000}$ , and state the my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the
in this Owner to the best of Owner's Repo	Image: state of the state
in this Owner to the best of Owner's Repo	Image: state of the state
in this Owner to the best of Owner's Repo By signing	Image: State of the state
in this Owner to the best of Owner's Repo By signing examinations	and employed by $H \le 12 + 72$ where inspected the components described is Report during the period $9/2 + 96$ to $9/26/96$ , and state the my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the rt in accordance with the requirements of the ASME Code, Section X1. this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
or Province of Here in this Owner to the best of Owner's Repo By signing examinations	and employed by $H \le 12 + 72$ where $H \le 12 + 72$ the set inspector in the operation issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star $V_{12}, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12$
in this Owner to the best of Owner's Repo By signing examinations shall be liable	and employed by $H \le 12 + 72$ where $H \le 12 + 72$ the set inspector in the operation issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star $V_{12}, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12$
in this Owner to the best of Owner's Repo By signing examinations shall be liable inspection.	and employed by $H \le B$ and employed by $H \le B$ and employed by $H \le B \ge B \ge B$ and employed by $H \le B \ge B \ge B \ge B$ have inspected the components described in the state the my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the rt in accordance with the requirements of the ASME Code, Section X1. this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the requirements of the the function of the temployer of the temployer in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the temployer in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the temployer in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the temployer in templote in the templote in templote in the templote in tem
in this Owner to the best of Owner's Repo By signing examinations shall be liable inspection.	and employed by $H \le B$ and employed by $H \le B$ and employed by $H \le B \ge F + E$ where $F \le F \le F$ have inspected the components described is Report during the period $2I \ge 0/96$ to $2I \ge 0/96$ , and state the my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the rt in accordance with the requirements of the ASME Code, Section X1. this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the
in this Owner to the best of Owner's Repo By signing examinations shall be liable inspection.	and employed by $H \le 12 + 72$ $V_{12} = 12 + 72$ M = 12 + 72 have inspected the components described is Report during the period $9/2 + 96$ to $9/2 + 786$ , and state the my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the rt in accordance with the requirements of the ASME Code, Section X1. this certificate neither the Inspector nor his employer makes any warrenty, expressed or implied, concerning the and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the
in this Owner to the best of Owner's Repo By signing examinations shall be liable inspection.	and employed by $H \le B$ and employed by $H \le B$ and employed by $H \le B \ge B \ge B$ and employed by $H \le B \ge B \ge B \ge B$ have inspected the components described in the state the my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the rt in accordance with the requirements of the ASME Code, Section X1. this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the requirements of the the function of the temployer of the temployer in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the temployer in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the temployer in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the temployer in templote in the templote in templote in the templote in tem

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 57 of 68

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

. Owner Virginia Electric & Power Company	Date September 30, 1996
5000 Dominion Blvd., Glen Allen, VA 23060 Address	Sheet of 1
Plant North Anna Power Station Name	Unit 2
P.O. Box 402, Mineral, VA 23117	R/R 96-396 W.O. 351459-01
Ad dress	Repair Organization P.O. No., Job No., etc.
. Work Performed by Virginia Electric & Power Company	Type Code Symbol Stamp N/A
Name	Authorization NoN/A
5000 Dominion Blvd., Glen Allen, VA 23060	Expiration Date N/A
Address	
Identification of System Reactor Coolant	

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, 1970 Addends, 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)
Snubser	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% 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.

(12/82)

## 9. Remarks ____ASME Class 1

#### Applicable Manufacturer's Data Reports to be ettached

Replacement performed in accordance with ASME Section III 1983 Edition.

CEP	RTIFICATE OF COMP	LIANCE			
We certify that the statements made in t	the report are correct a	nd thisrep	lacement	conforms to	the rules of the
ASME Code, Section X1.			or replacemen		
Type Code Symbol StampN/A					
Certificate of Authorization NoN/A		xpiration D	ate N/A		
Signed Pat Mausta ISI E Owner or Owner's Designee, Title	Englaper	Date	5 go tember	30	19 <u>%6</u>
OLITIT.	FICATE OF INSERVI	ALL TIMEST BULL	10/14		
or Province of Virginis and emp	ployed by N. S. B.	2.7			
I, the undersigned, holding a valid commission issu or Province of <u>Virginia</u> and emp <u>His-Hfurd</u> CT In this Owner's Report during the period	ployed by N. S. B.	2.7		the comp	onents describe
n this Owner's Report during the period	5/2-186	10	have inspected	d the comp	onents describe _, and state the
n this Owner's Report during the period	Sloved by <u>H.S.B.</u> Sl2=186 her has performed exar	to	have inspected	d the comp	onents describe , and state the
or Province of <u>Virginia</u> and emp <u>Hystificant</u> CT In this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requirement	Sl2 186 sl2 186 ner has performed exam nts of the ASME Code,	toto	have inspected <u> <i> </i></u>	d the comp tive measure	onents describe , and state the s described in th
or Province of <u>Virginia</u> and emp <u>Hystificant</u> CT in this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requirement By signing this certificate neither the Inspecto	Sl2 -/86 Sl2 -/86 her has performed exam hts of the ASME Code, or nor his employer ma	to	have inspected <u> <i>IL</i> 4/84</u> d taken correct rranty, express	d the comp tive measure ed or implie	onents describe , and state thi s described in th d, concerning th
or Province of <u>Virging</u> and emp <u>Hystificant</u> CT in this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requirement By signing this certificate neither the Inspecto examinations and corrective measures described	Sl2 -/86 Sl2 -/86 her has performed exar ints of the ASME Code, or nor his employer ma in this Owner's Repor	to	have inspected <u> <u> </u> </u>	d the comp tive measure ed or implie te Inspector	onents describe , and state this s described in th d, concerning th nor his employ.
or Province of <u>Virginia</u> and emp <u>Hystificant</u> CT In this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requirement	Sl2 -/86 Sl2 -/86 her has performed exar ints of the ASME Code, or nor his employer ma in this Owner's Repor	to	have inspected <u> <u> </u> </u>	d the comp tive measure ed or implie te Inspector	onents describe _, and state this s described in th d, concerning th nor his employe
or Province of <u>Virginia</u> and emp <u>Astification</u> CT in this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requirement By signing this certificate neither the Inspecto examinations and corrective measures described shall be liable in any manner for any personal inju- inspection.	Sl2 -/86 Sl2 -/86 her has performed exar ints of the ASME Code, or nor his employer ma in this Owner's Repor	to	have inspected <u> <u> </u> </u>	d the comp tive measure ed or implie te Inspector	onents describe _, and state this s described in th d, concerning th nor his employe
or Province of <u>Virginia</u> and emp <u>Hartford</u> CT in this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requirement By signing this certificate neither the Inspecto examinations and corrective measures described shall be liable in any manner for any personal inju	Sl2 -/86 Sl2 -/86 her has performed exar ints of the ASME Code, or nor his employer ma in this Owner's Repor	to	have inspected <u>912 4/84</u> d taken correct manty, expressioner, neither th any kind arisin	d the comp tive measure ed or implie he Inspector g from or co	, and state this , and state this s described in th d, concerning th nor his employs nnected with th
or Province of <u>Virginia</u> and emp <u>Astification</u> CT in this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requirement By signing this certificate neither the Inspecto examinations and corrective measures described shall be liable in any manner for any personal inju- inspection.	Sloved by <u>K.S.B.</u> Sloved by <u>K.S.B.</u> ner has performed exar ints of the ASME Code, or nor his employer ma in this Owner's Report ury or property damage	to	have inspected <u>912 4/94</u> d taken correct manty, express hore, neither th any kind arisin	d the comp tive measure ed or implie he Inspector g from or co	, and state this s described in th d, concerning th nor his employ- nnected with th
or Province of <u>Virginia</u> and emp <u>Astification</u> CT in this Owner's Report during the period to the best of my knowledge and belief, the Own Owner's Report in accordance with the requirement By signing this certificate neither the Inspecto examinations and corrective measures described shall be liable in any manner for any personal inju- inspection.	Sloved by <u>K.S.B.</u> Sloved by <u>K.S.B.</u> ner has performed exar ints of the ASME Code, or nor his employer ma in this Owner's Report ury or property damage	to	have inspected <u>912 4/84</u> d taken correct manty, expressioner, neither th any kind arisin	d the comp tive measure ed or implie he Inspector g from or co	, and state this s described in th d, concerning th nor his employ- nnected with th

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 58 of 68

## 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	September 30, 1996			
Name				
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet of			
Address				
2. Plant North Anna Power Station	Unit ²			
Name				
P.O. Box 402, Mineral, VA 23117	R/R 96-397 W.O. 351460-01			
Address	Repair Organization P.O. No., Job No., etc.			
3. Work Performed by Virginia Electric & Power Company	Type Code Symbol Stamp			
Name	Authorization NoN/A			
5000 Dominion Blvd., Glen Allen, VA 23060	Expiration Date			
Address				
4. Identification of System Reactor Coolant				
5. (a) Applicable Construction Code ANSI 831.7 19 69 Edition	on, <u>1970</u> Addenda, <u>78, 81, 83(R), 115</u> Code Case			

5. (a) Applicable Construction Code ANSI 831.7 19 69 Edition, 1970 86 (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	Grinnell	27442	N/A	2-RC-HSS-637.06	Unk.	Replacement	No

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

8,	Tests Conducted:	hydrostati	c	Pneumatic	Nominal	Operating Pressure	-
		Other					· – ,
		Uther	Pressui	re	Dsi Test	Temp	

NCTE: 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.

(12/82)

#### 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 ASME Code, Section XI.	in the report are correct and this <u>replacement</u> repair or replace		the rules of the
Type Code Symbol StampN/A			
Certificate of Authorization NoN/A	Expiration Date N/A		
Signed Pata Jalanetto JSJ Owner or Owner's Designee, Title	Engraver Date Suptembe	30	19_ <b>?6</b>
CER	TIFICATE OF INSERVICE INSPECTION		
I, the undersigned, holding a valid commission i or Province of Virginits and e	ssued by the National Board of Boiler and Pressumployed by $\mathcal{H}_{\mathcal{L}} \stackrel{\scriptstyle <}{\rightarrow} \mathcal{R}_{\mathcal{L}} \stackrel{\scriptstyle <}{\rightarrow} \mathcal{L}$	ected the compo	onents describe
I, the undersigned, holding a valid commission i or Province of <u>Virguess</u> and e <u>His of fund</u> , <u>CT</u> in this Owner's Report during the period to the best of my knowledge and belief, the O	ssued by the National Board of Boiler and Pressu imployed by <u>His E Fif</u> have inspe- <u>9/20186</u> to <u>9/20</u> wher has performed examinations and taken co	ected the compo	onents described
I, the undersigned, holding a valid commission is or Province of <u>Version</u> and e <u>Heart fund</u> <u>CT</u> in this Owner's Report during the period to the best of my knowledge and belief, the O Owner's Report in accordance with the requirem By signing this certificate neither the Insper examinations and corrective measures describe	ssued by the National Board of Boiler and Pressu imployed by <u>His E Fif</u> have inspe- <u>9/20186</u> to <u>9/20</u> wher has performed examinations and taken co	rrective measures	onents describe , and state the described in thi , concerning th nor his employe

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 59 of 68

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

Name	Date September 30, 1996
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet 1 of 1
Address	OT OT
. Plant North Anna Power Station	Unit 2
Name	
P.O. Box 402, Mineral, VA 23117	R/R 96-398 W.O. 351461-01
Address	Repair Organization P.O. No., Job No., atc.
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 DateN/A
Address	Expiration Date
Identification of System Reactor Coolant	

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, 1970 Addenda, 78. 81, 83(R), 115Code Case
 (b) Applicable Edition of Section XI Utilized for Fepairs 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-H\$S-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 8% 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.

(12/82)

# 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 mad ASME Code, Section X1.	e in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization NoN/A	Expiration Date
Signed Pat & Maughte : Owner or Owner's Designee, Title	IST Engineer Date September 30, 1996
CE	RTIFICATE OF INSERVICE INSPECTION
the undersigned holding a valid commission	issued by the National Board of Boiler and Pressure Vessel Inspectors and the St

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.

Mail M Acce. VA 424 E.N.A National Board, State, Province, and Endorsements ____ Commissions ____ Oct 1 19.96 Date____

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 60 of 68

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

. Owner Virginia Electric & Power Company Name	Date October 4, 1996
5000 Dominion Blvd., Glen Allen, VA 23060 Address	Sheet of1
Plant North Anna Power Station Name	Unit 2
P <u>.O. Box 402, Mineral, VA 23117</u> Address	R/R 96-399 Rev. 1 W.O. 350524-05 Repair Organization P.O. No., Job No., etc.
Work Performed by Virginia Electric & Power Company Name	Type Code Symbol Stamp N/A Authorization NoN/A
5000 Dominion Blvd., Glen Allen, VA 23060 Address	Expiration DateN/A
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
 Code Case
 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)
Check Valve,	Crane	CV07002-2- 0.1.2	N/A	2-FW-94	1972	Repaired	No
					)		

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.

(12/82)

	Applicable Manufacturer's Data Reports to be attached	Carl Contractor Statement
formed construction code	AT examination after repair.	
A second s		
		and the second second second second
	CERTIFICATE OF COMPLIANCE	
We certify that t	e statements made in the report are correct and this repair conforms to the	sulas of the
ASME Code, Section XI.	repair or replacement	rules of the

Type Code Symbol Stamp_N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Pater & Marght ISI Engineer Owner's Designee, Title Date October 4 Signed_ 19 96 CERTIFICATE OF INSERVICE INSPECTION

I, the undersign d, holding a valid commission issued or Province ofand emplo	by the National Board of Bo	iler and Pressure Vessel	Inspectors and the State
Hart prod. ET	yed by		components described
in this Owner's Report during the period	9/41/86 10		, and state that
to the best of my knowledge and belief, the Owner	has performed examinations		

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. Here Inspector's Signature Oct 4 19.96 Date___

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 61 of 68

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

1. Owner Virginia Electric & Power Company	October 1, 1996
Name 5000 Dominion Blvd., Glen Allen, VA 23060	Sheet of
Address 2. Plant North Anna Power Station	Unit2
Name P.O. Box 402, Mineral, VA 23117	R/R 96-421 Rev. 1 W.O. 351737-01
Address 3. Work Performed by Virginia Electric & Power Company	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp
Name 5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A Expiration Date
Address 4. Identification of SystemReactor Coolant	
5. (a) Applicable Construction Code NAS-2064 19 86 Ed	ition, N/A Addenda, N/ACode 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	008	N/A	2-RC-HSS-001C	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-001C	1987	Replacement	No

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

8.	Tests Conducted:	Hydrostat	ic 🗌	Pneumatic	Nominal	Operating	Pressure	[]	ĺ
		Other	Pressu	re	Dsi Test	Temp		-	0

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.

(12/82)

Applicable Manufacturer's Data Reports to be attached

9. Remarks ____ ASME Class 1

CE	RTIFICATE OF COMPLIANCE
We certify that the statements made in ASME Code, Section X1.	the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization No. N/A	Expiration Date N/A
Signed_ Patrich Prangettes ISI E.	ngineer Date October 4 , 18 96
CERT	TFICATE OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
CERT I, the undersigned, holding a valid commission iss	TFICATE OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat
CERT I, the undersigned, holding a valid commission iss or Province of <u>Virgunis</u> and em <u>Hertford</u> CT in this Owner's Report during the period	TFICATE OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta nployed by <u>H.J.D.J.J.J.</u> have inspected the components describe 7/24/96 to 9/25/96 and state the
CERT I, the undersigned, holding a valid commission iss or Province of <u>Virginis</u> and em <u>Heatfund</u> GT in this Owner's Report during the period to the best of my knowledge and belief, the Ow	TFICATE OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta nployed by <u>H.J.D.T+T</u> have inspected the components describe <u>9/24/96</u> to <u>9/25/86</u> , and state the wher has performed examinations and taken corrective measures described in the
CERT I, the undersigned, holding a valid commission iss or Province of <u>Virgunis</u> and em <u>Heatfund</u> CT in this Owner's Report during the period to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requirement	TFICATE OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta nployed by <u>H.J.D.F.F.</u> have inspected the components describe <u>7/2 y/ y6</u> to <u>9/25/96</u> , and state th wher has performed examinations and taken corrective measures described in th ents of the ASME Code, Section XI.
CERT I, the undersigned, holding a valid commission iss or Province of <u>Virginis</u> and em <u>Hertford</u> of in this Owner's Report during the period to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requirement By signing this certificate neither the Inspect examinations and corrective measures described shall be liable in any manner for any personal inj	TFICATE OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta nployed by <u>H.J.D.T+T</u> have inspected the components describe <u>9/24/96</u> to <u>9/25/86</u> , and state the wher has performed examinations and taken corrective measures described in the
CERT I, the undersigned, holding a valid commission iss or Province of <u>Virgunis</u> and em <u>Hertford</u> CT in this Owner's Report during the period to the best of my knowledge and belief, the Ow Owner's Report in accordance with the requirement By signing this certificate neither the Inspect examinations and corrective measures described	TFICATE OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta poloyed by <u>H.J.D.F.F.</u> have inspected the components describe <u>9/29/96</u> to <u>9/25/96</u> , and state the wher has performed examinations and taken corrective measures described in th ents of the ASME Code, Section XI. tor nor his employer makes any warranty, expressed or implied, concerning the d in this Owner's Report. Furthermore, neither the Inspector nor his employ

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 62 of 68

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

. Owner Virginia Electric & Power Company	October 1, 1996
Name 5000 Dominion Blvd., Glen Allen, VA 23060	1 1
Address	Sheet of
PlantNorth Anna Power Station	Unit 2
Neme P.O. Box 402, Mineral, VA 23117	R/R 96-423 W.O. 350663-03
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Virginia Electric & Power Company	Type Code Symbol Stamp N/A
5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A
Address	
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, 5/8" Dia.	Unknown	Unknown	N/A	2-51-140	Unk.	Replaced	No
Nut, 5/8" Dia,	Unknown	Unknown	N/A	2-51-140	Unk.	Replaced	No
Stud Structual, 5/8" Dia.	Mackson, Inc.	Heat No. 639196	N/A	2-51-140	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.

Tests Conducted:	Hydrostatic	Pneumatic 🗌	Nominal	Operating Pressure	C
	Other Press	ire	Dsi Test	Temp	

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.

(12/82)

8.

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

°F

Applicable Manufacturer's Data Reports to be attached

9. Remarks ASME Class 2

c	ERTIFICATE OF COMPLIANCE
We certify that the statements made is ASME Code, Section XI.	in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization NoN/A	Expliation Date N/A
	I Engineer Date October 1, 1996
CER I, the undersigned, holding a valid commission is	TIFICATE OF INSERVICE INSPECTION ssued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
CER I, the undersigned, holding a valid commission is or Province of <u>Virginis</u> and er	TIFICATE OF INSERVICE INSPECTION ssued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta mployed by
CER I, the undersigned, holding a valid commission is or Province of <u>Viccinits</u> and er	TIFICATE OF INSERVICE INSPECTION ssued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta mployed by
CER I, the undersigned, holding a valid commission is or Province of <u>Virginis</u> and er <u>Hest for 1</u> CT in this Owner's Report during the period to the best of my knowledge and belief, the Or	TIFICATE OF INSERVICE INSPECTION ssued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta mployed by <u>H.S.B.F.F.</u> have inspected the components describ <u>9/24/96</u> to <u>9/24/96</u> , and state th wher has performed examinations and taken corrective measures described in the
CER I, the undersigned, holding a valid commission is or Province of <u>Virginis</u> and er <u>Hort for 1, ET</u> in this Owner's Report during the period	TIFICATE OF INSERVICE INSPECTION ssued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta mployed by <u>H.S.B.FF</u> have inspected the components describe <u>Plicy 196</u> to <u>Plicy 196</u> , and state the wher has performed examinations and taken corrective measures described in the nents of the ASME Code, Section XI.
CER I, the undersigned, holding e valid commission is or Province of <u>Virginis</u> and er <u>Hort for d</u> , <u>er</u> in this Owner's Report during the period to the best of my knowledge and belief, the Or Owner's Report in accordance with the requirem By signing this certificate neither the Inspec	TIFICATE OF INSERVICE INSPECTION ssued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta mployed by <u>H.S.B.FF</u> have inspected the components describe <u>Plicy 196</u> to <u>9162-196</u> , and state the inverse has performed examinations and taken corrective measures described in the nents of the ASME Code, Section XI. ctor nor his employer makes any warranty, expressed or implied, concerning the
CER I, the undersigned, holding a valid commission is or Province of <u>Virginis</u> and er <u>Mort for 1, CT</u> in this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the requirem By signing this certificate neither the Inspec examinations and corrective measures described	TIFICATE OF INSERVICE INSPECTION ssued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta mployed by <u>H.S.B.F.F.</u> have inspected the components describ <u>9/24/96</u> to <u>9/24/96</u> , and state th wher has performed examinations and taken corrective measures described in the
CER I, the undersigned, holding a valid commission is or Province of <u>Vinginis</u> and er <u>Heat for 1</u> , <u>er</u> in this Owner's Report during the period to the best of my knowledge and belief, the Ou Owner's Report in accordance with the requirem By signing this certificate neither the Inspec examinations and corrective measures describe shall be liable in any manner for any personal in inspection.	TIFICATE OF INSERVICE INSPECTION         ssued by the National Board of Boiler and Pressure Vessel Inspectors and the Stamployed by <u>H.S.B.F.F.</u> have inspected the components describe <u>Plex196</u> to <u>Plex196</u> , and state the         where has performed examinations and taken corrective measures described in the         nents of the ASME Code, Section XI.         ctor nor his employer makes any warranty, expressed or implied, concerning the         add in this Owner's Report. Furthermore, neither the Inspector nor his employ         njury or property damage or a loss of any kind arising from or connected with the
CER I, the undersigned, holding a valid commission is or Province of <u>Vergenes</u> and er <u>Asstford</u> <u>ET</u> in this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the requirem By signing this certificate neither the Inspec examinations and corrective measures describe shall be liable in any manner for any personal in	TIFICATE OF INSERVICE INSPECTION ssued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta mployed by <u>H.S.B.FIF</u> have inspected the components describe <u>Pley 196</u> to <u>Pley 196</u> , and state the where has performed examinations and taken corrective measures described in the nents of the ASME Code, Section XI. ctor nor his employer makes any warranty, expressed or implied, concerning the ad in this Owner's Report. Furthermore, neither the Inspector nor his employer

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 63 of 63

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

. Owner Virginia Electric & Power Company	October 3, 1996
Name	
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet 1 of 1
Address	
PlantNorth Anna Power Station	Unit 2
Neme	
P.O. Box 402, Mineral, VA 23117	R/R 96-424 W.O. 351779-03
Address	Repair Organization P.O. No., Job No., etc.
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	
Identification of System Safety Injection	

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, 1970 Addende, 78, 81, 83(R), 115Code 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)
Support	Stone & Webster Eng. Corp	N/A	N/A	2-SI-R-5	Unk.	Replaced	No
Support	Stone & Webster Eng. Sorp	N/A	N/A	2-SI-R-5	1996	Replacement	No
					1.1.1	2.5.5	

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 Pneumetic Nominal Operating Pressure Other Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, tketches, 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.

(12/82)

	~					turer's Data Feport	s to be attached	
_	Preservice	ASME	Section	XI	V7-3	performed		

C	ERTIFICATE OF COMPLIANCE	
We certify that the statements made in ASME Code, Section X1.	in the report are correct and this <u>replacement</u> conforms to repair or replacement	o the rules of the
Type Cude Symbol StampN/A		
Certificate of Authorization NoN/A	Expiration Date	
Signed Pat & Naugt IST Owner or Owner's Designee, Title	Engineer Date October 3	, 19_ <b>.96</b>
or Province of <u>Virginis</u> and en <u>Martfurf</u> CT in this Owner's Report during the period		ponents describe
to the best of my knowledge and belief, the Ov	wher has performed examinations and taken corrective measure	s described in th
to the best of my knowledge and belief, the Ov Owner's Report in accordance with the requirem	nents of the ASME Code, Section XI.	
to the best of my knowledge and belief, the Ov Owner's Report in accordance with the requirem By signing this certificate neither the Inspec examinations and corrective measures described shall be liable in any manner for any personal in	wher has performed examinations and taken corrective measure nents of the ASME Code, Section XI. ctor nor his employer makes any warranty, expressed or impli- ed in this Owner's Report. Furthermore, neither the Inspector njury or property damage or a loss of any kind arising from or c	ed, concerning th nor his employe
to the best of my knowledge and belief, the Ov Owner's Report in accordance with the requirem By signing this certificate neither the Inspec examinations and corrective measures described shall be liable in any manner for any personal in inspection.	nents of the ASME Code, Section XI. ctor nor his employer makes any warranty, expressed or impli- ed in this Owner's Report. Furthermore, neither the Inspector	ed, concerning th nor his employe onnected with thi

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 64 of 68

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

I. Owner Virginia Electric & Power Company Name	Date October 3, 1996
5000 Dominion Blvd., Gien Allen, VA 23060	Sheet of 1
Plant North Anna Power Station	2
P.O. Box 402, Mineral, VA 23117	R/R 96-428 W.O. 350813-01
Address Work Performed by Virginia Electric & Power Company	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp
5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A
Address Undentification of System Quench Spray	Expiration Date

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, 1970 Addenda, 78, 81, B3(R), 115 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)
Stud Structural, 1/2" Dia.	Unknown	Unknown	N/A	2-05-MOV-202A	Unk.	Replaced	No
Nut, 1/2" Dia.	Unknown	Unknown	N/A	2-05-MOV-202A	Unk.	Replaced	No
Stud Structual, 1/2" Dia.	Energy Steel	Heat No. 6051609	N/A	2-05-MOV-202A	1987	Replacement	No
Nut, 1/2" Dia.	Mackson, Inc.	Heat No. 97364	N/A	2-05-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,	0

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.

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

° F

Applicable Manufacturer's Data Reports to be attached

	TIFICATE OF COMPLIANCE
ASME Code, Section X1.	e report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol Stamp_N/A	
Certificate of Authorization No. N/A	Expiration Date N/A
Signed Pate 1 Naught IST E. Owner or Owner's Designee, Title	Sineer Date October 3, 19.96
	ICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued or Province of Virszwick and emplo	d by the National Board of Boiler and Pressure Vessel Inspectors and the Sta oved by <u>Hertford Stram Buller I asp</u> , + <u>Das or</u> have inspected the components describe <u>1/25/96</u> to <u>9/30/96</u> , and state th
in this Owner's Report during the period	have inspected the components describ 2/25/26 to 9/30/26 and state th
to the best of my knowledge and belief, the Owner Owner's Report in accordance with the requirement:	r has performed examinations and taken corrective measures described in th
By signing this certificate neither the Inspector	nor his employer makes any warranty, expressed or implied, concerning to this Owner's Report. Furthermore, neither the Inspector nor his employ
shall be liable in any manner for any personal injun inspection.	y or property damage or a loss of any kind arising from or connected with the
- Mark M Aque	Commissions VA424 LAA
11 1 and Marca	

9. Remarks ____ ASME Class 2

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 65 of 68

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

. Owner Virginia Electric & Power Company	October 5 996
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet of
Address	UI
Plant North Anna Power Station	Unit2
P.O. Box 402, Mineral, VA 23117	R/R 96-429 W.O. 350813-02
Address	Repair Organization P.O. No., Job No., etc.
Work Performed by Virginia Electric & Power Company	Type Code Symbol Stamp
Neme 5000 Dominion Blvd., Glen Allen, VA 23060	Authorization NoN/A
Address	Expiration Date
Identification of System	

(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)
Stud Structural, 1/2" Dia.	Unknown	Unknown	N/A	2-03-MOV-2028	Unk.	Replaced	No
Nut, 1/2" Dia,	Unknown	Unknown	N/A	2-QS- 10V-2028	Unk.	Replaced	No
Stud Structual, 1/2" Dia.	Energy Steel	Heat No. 6051609	N/A	2-03-MOV-2028	1987	Replacement	No
Nut, 1/2" Dia.	Mackson, Inc.	Heat No. 97364	N/A	2-US-MOV-2028	1996	Replacement	No

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

Tests Conducted:	Hydrostatic Pneumatic	Nominal Operating Pressure
	Other Pressure	psi Test Temp

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% 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.

(12/82)

8.

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

°F

9.	Remarks	ASME	Class 2

Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF COMPL	ANCE		
We certify that the statements made ASME Code, Section X1.	in the report are correct and	t this <u>replacement</u> repair or replacemen	conforms to the rule	s of the
Type Code Symbol Stamp_N/A				
Certificate of Authorization NoN/A	Ex.	piration Date N/A		
Signed Pate & Saugtin ISI Owner br Owner's Designee, Title	Enginee	Date October	3, 19_5	76
I, the undersigned, holding a valid commission	RTIFICATE OF INSERVICE issued by the National Board employed by A.S.B.F.S.	s of Boiler and Pressure	Vessel Inspectors and	the State
, the undersigned, holding a valid commission or Province of <u>Virginis</u> and	issued by the National Board employed by <u><u>N.S.B.</u>Fr</u>	i of Boiler and Pressure )		0
I, the undersigned, holding a valid commission or Province of <u>Versions</u> and <u>Hertfund</u> , ET in this Owner's Report during the period to the best of my knowledge and belief, the	issued by the National Board employed by <u>A.S.B.F.</u> <u>9/25/96</u> Owner has performed exami	t of Boiler and Pressure 1 have inspecte to <u>9/26/96</u> nations and taken correc	d the components of the compon	describe
I, the undersigned, holding a valid commission or Province of <u>Virginis</u> and <u>Hertford</u> , <u>ET</u> in this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the require	issued by the National Board employed by <u>A.S.B.F.A.</u> <u>9/25/86</u> Owner has performed exami ements of the ASME Code, So	to f Boiler and Pressure N have inspecte to <u>9/66/96</u> nations and taken corrected action XI.	d the components of the components of the components of the second secon	describe tate the ed in thi
I, the undersigned, holding a valid commission or Province of <u>Verseas</u> and <u>Hertfund</u> , ET in this Owner's Report during the period to the best of my knowledge and belief, the	issued by the National Board employed by <u>A.S.B.F.</u> <u>9/25/86</u> Owner has performed exami ements of the ASME Code, Si ector nor his employer make bed in this Owner's Report.	A of Boiler and Pressure N have inspecte to <u>9/26/96</u> nations and taken correct ection XI. es any warranty, express Furthermore, neither th	d the components of , and s tive measures describ ed or implied, conce ne Inspector nor his of	describe tate the ed in thi rning th employe
I, the undersigned, holding a valid commission or Province of <u>Vergenes</u> and <u>Heatfund</u> , <u>ET</u> in this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the require By signing this certificate neither the Insp examinations and corrective measures descrit shall be liable in any manner for any personal	issued by the National Board employed by <u>A.S.B.F.</u> <u>9/25/86</u> Owner has performed exami ements of the ASME Code, Si ector nor his employer make bed in this Owner's Report. injury or property damage of Commissions	A of Boiler and Pressure N have inspecte to <u>9/26/96</u> nations and taken correct ection XI. es any warranty, express Furthermore, neither th	d the components of , and s tive measures describ and or implied, conce the Inspector nor his ong from or connected	describe tate tha ed in thi rning th employe with thi

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 66 of 68

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

. Owner Virginia Electric & Power Company	October 1, 1996 Date			
5000 Dominion Blvd., Glen Allen, VA 23060	Sheet1 of1			
Address PlantNorth Anna Power Station	Unit 2			
Name P.O. Box 402, Mineral, VA 23117	R/R 96-435 W.O. 351748-01			
Address	Repair Organization P.O. No., Job No., etc.			
Work Performed by Virginia Electric & Power Company	NI/A			
5000 Dominion Blvd., Glen Allen, VA 23060	Type Code Symbol Stamp			
Address Identification of System Chemical and Volume Control	Expiration Date			

(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)
Stud Structural, 3/4" Dia.	Unknown	Unknown	N/A	2-CH-MOV-22878	Unk.	Replaced	No
Nut, 3/4" Dia.	Unknown	Unknown	N/A	2 JA-MOV-22878	Unk.	Replaced	No
Stud Structual, 3/4" Dia.	Mackson, Inc.	Heat No. 56678	N/A	2-CH-MOV-22878	1996	Replacement	No
Nut. 3/4" Dia.	Mackson, Inc.	Heat No. 16409JI	N/A	2-CH-MOV-22878	1996	Replacement	No

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

8. Tests Conducted: Hydrostatic Pneumatic Vominal 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% 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.

(12/82)

9. Remarks ____ ASME Class 2

	cable Manufacturer's Data Reports to be attached
CE	RTIFICATE OF COMPLIANCE
We certify that the statements made in ASME Code, Section X1.	the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization NoN/A	Expiration Date N/A
	Engineer Date October 1, 1996
I, the undersigned, holding a valid commission issu or Province of Virginic and emp	FICATE OF INSERVICE INSPECTION ued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat ployed by <u><i>N</i></u> <u>5</u> <u>0</u> <u><b>T</b></u> <del>-</del> <u><b>T</b></u>
Hertford, er in this Owner's Report during the period	have inspected the components describe
	ner has performed examinations and taken corrective measures described in th
By signing this certificate neither the Inspecto	or nor his employer makes any warranty, expressed or implied, concerning th
	in this Owner's Report. Furthermore, neither the Inspector nor his employed any or property damage or a loss of any kind arising from or connected with th
Mach M Agare	Commissions VAYAY T.N.A
Inspector's Signature	Commissions VAYAY T, N, A National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 67 of 68

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

1. Owner	Name Electric & Power Company	Date10-24-96
	Dominion Blud. Glan Allen, VA 23060	Sheet of
2. Pirr.t_	North Anna Power Station	Unit
P. 0	Box 402, Mineral VA 23117	R/R 96-445 W. O. 352438-01 Repair Organization P.O. No., Job No., etc.
3. Work I	Performed by Virginia Electric & Power Company Name	Type Code Symbol Stamp
	Dominion Blud, Glen Allen, VA 23060	Authorization No.
4. Identif	fication of system_ Safety Injection (SI)	Vestinghouse Spec. G-676241
	oplicable Construction Code <u>ANSI B31.7</u> 19 69 Edit oplicable Edition of Section XI Utilized for Repairs or Replacem	ion, 1770 Addenda, 78, 81, 83(R) 115 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	Code Stamped (Yes or No)
3" Check Valve	Velan	~//>	w/12	2-51-119	Unk.	Repaired	No
					1		
. Description of Work_	6 . I	110			<u> </u>		

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.

(12/82)

	FORM NIS-2 (Back)
R	emarks ASME Class 1
	Applicable Manufacturer's Data Reports to be attached
1 1	Performed final LP examination after muchining backside of disc apprex. 0.020".
	CERTIFICATE OF COMPLIANCE
A	We certify that the statements made in the report are correct and this. <u>Fepair</u> conforms to the rules of the repair or replacement
T	ype Code Symbol Stamp
	ertificate of Authorization Noff W/AExpiration Date//A gned
-	CERTIFICATE OF INSERVICE INSPECTION
01	the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State Province of
to	$\frac{14 + 16 + 16}{16 + 16}$ $C7$ have inspected the components described this Owner's Report during the period $\frac{16 + 186}{16 + 186}$ to $\frac{16 + 186}{16 + 186}$ , and state that the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this wher's Report in accordance with the requirements of the ASME Code, Section XI.
ex sh	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the aminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer all be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this spection.
-	Mal M Here. Commissions ND 9531 FNA VA 427 Inspector's Signature Commissions Notional Board, State, Province, and Endorsements
Da	nte

Docket Number: 50-339 Serial Number: 96-629 Attachment 2 Page 68 of 68

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

1.	Owner Virginin Electric & Power Company	Date10/25/96
	Soc. Dominion Blvd., Glen Allen, VA 23060	Sheet of
2.	Plant North Anna Power Station Name	Unit2
	P.O. Box 402, Mineral VA 23117	R/R 96-448, W.C. 00352487-05 Repair Organization P.O. No., Job No., etc.
3.	Work Performed by Virginia Electric & Power Company	Type Code Symbol Stamp
	Seec Dominion Blud, Glen Allen, VA 23060	Authorization No.
4.	Identification of System Chemical & Volume Control	(CH)

- 5. (a) Applicable Construction Code <u>ANSI B 31.7</u> 19.69 Edition, <u>1970</u> Addende, <u>78,81,83(R),115</u> 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 Value Disc	Crosby	84048-950034	NA	2-CH-RV-2362B	1778	Replacement	No
Reliet Value Nozzle	Crosby	N94955-51-055	NA	2-CH-RV-23828	1942	Replacement	No
7. Description of Work	Pebult va	lue and re	pland ve	slue disc &	<u>no2</u> 2	le	
	Hydrostatic P Other Pressure		ninal Operatin Test Temp.	Pressure 140°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.

(12/82)

Copile	able Manufacturer's Data Reports to be attached
	TIFICATE OF COMPLIANCE the report are correct and this feplacement conforms to the rules of the repair or replacement
vpe Code Symbol Stamp	
innert P. Hamil TST =	Expiration Date N/12 Engineer Date October 25, 1996
Owner or Owner's Designce, Title	
CERTIF	FICATE OF INSERVICE INSPECTION
the undersigned, holding a valid commission issue r Province of king in the and employed	ed by the National Board of Boiler and Pressure Vessel Inspectors and the State loyed by <u>A. S. D. J. F</u> have inspected the components described <u>rcls726</u> to <u>rclc725</u> , and state that
Hartford of	have inspected the components described
this Owner's Report during the period	
wher's Report in accordance with the requirement	er has performed examinations and taken corrective measures described in this ts of the ASME Code. Section X1
	r nor his employer makes any warranty, expressed or implied, concerning the
xaminations and corrective measures described in	n this Owner's Report. Furthermore, neither the Inspector nor his employer
hall be liable in any manner for any personal injur	ry or property damage or a loss of any kind arising from or connected with this
spection.	
mal m. fue	Commissions VA424 I.N.A National Board, State, Province, and Endorsements
mil m here.	