Attachment 1 Surry Power Station Unit 1 Inservice Inspections

Abstract of Examinations

Attachment 1 Page 1 of 27 Serial No.: 99-038 Docket No.: 50-280

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

1. Owner	Virginia Electric and Power Company, 5000 Dominion Blvd., Glen A	Allen, VA 23060
	(Name and Address of Owner)	
2. Plant	Surry Power Station, 5570 Hog Island Rd., Surry, VA 23883	
	(Name and Address of Plant)	
3. Plant Unit	4. Owner Certificate of Authorization (if rec	quired)
5. Commercial	Service Date 12/22/72 6. National Board Number for Unit	NA

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Rotterdam	137-1	VA 58201	NA
Steam Generator	Westinghouse Tampa Division	2982	VA 58204	682
RHR Heat Ex J-RH-E-1B	Atlas Industrial Manufacturing Company	891	VA 58211	
	Southwest Fabricating Company	NA	NA	NA
Class 1 & 2 Component Supports	Southwest Fabricating Company	NA	NA	NA
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Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (Back)

8.	Examination Dates4/27/9	7tc	11/16/98			
	Inspection Period Identification	Second Period	(10-14-96 - 10-14-0	0)		
10.	Inspection Interval Identification _	Third Interval	(10-14-93 - 10-14-03	3)		
11.	Applicable Edition of Section XI	1989	Addenda	None		
12.	Date/Revision of Inspection Plan	February 5, 19	97, Revision 7			
13.	Abstract of Examinations and Tests for the Inspection Plan. See Attachment 1, Pages See Attachment 1, Pages	1 through XX of	abstract of examinat	ions performed	cerning status of work req	uired
14.	Abstract of Results of Examination	s and Tests.				
	See Attachment 1. (Exam	nination Summary	, Pages 1-X)			
15.	Abstract of Corrective Measures.		v			
	See Attachment I. (Exan	nination Summary	, Pages X and X)			
	rtificate of Authorization No. (if app te January 27 1991				By Els Thockmuch	<u>۔۔۔</u>
		CERTIFICATE (OF INSERVICE IN	SPECTION		
	Owner has performed examinations with the Inspection Plan and as req By signing this certificate neithe the examinations, tests, and correct his employer shall be liable in any connected with this inspection.	have inspected have inspected 11/16/98 and tests and taked uired by the ASMI r the Inspector nor tive measures desc manner for any per	and employ d the components desc , and state the n corrective measures E Code, Section XI. his employer makes a ribed in this Owner's rsonal injury or proper	ed byHartforeribed in this Owner at to the best of my described in this Owner any warranty, expre Report. Furthermorty damage or a loss	r's Report during the perion of the period o	of iod the nce ing
	Date	29_ 19 <i>9</i> 2	₹			

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Docket No.: 50-280

Examination Summary

Virginia Electric and Power Company **Surry Power Station**

Unit 1

1998 Refueling Outage 3rd Interval, 1st and 2nd Periods

Introduction

This report covers Inservice examinations and tests of Class 1 and Class 2 components, piping and component supports that were conducted at Surry Power Station Unit 1 from April 26, 1997 through November 16, 1998. The examinations were conducted to meet the requirements of ASME Section XI, 1989 Edition, of the ASME Boiler and Pressure Vessel Code.

Examination procedures were approved prior to the performance of the examinations. Certification documents relative to personnel; equipment and materials were reviewed and determined to be satisfactory.

Inspections, witnessing and surveillance of the examinations and related activities were conducted by personnel from the Hartford Steam Boiler Inspection and Insurance Company, One State Street, Hartford, Connecticut 06102 (Mr. R.A. Smith), and Surry technical staff.

Limitations

Some of the arrangements and details of the piping systems and components were designed and fabricated before the access and examination requirements of ASME Section XI of the 1989 Code could be applied. Consequently, some examinations are limited or not practical due to geometric configuration or accessibility. Generally, these limitations exist at fitting to fitting joints, such as elbow to tee, elbow to valve, reducer to valve, and where integrally welded attachments, lugs and supports preclude access to some part of the examination area. These limitations sometimes preclude ultrasonic coupling or access for the required scan length or surface examination.

Examinations

Examinations were conducted to review as much of the examination zones as was practical within geometric, metallurgical and physical limitations. When 100% of the required ultrasonic examination volume could not be examined, the examination method was evaluated and alternate beam angles or volumetric techniques were considered in an attempt to achieve the maximum

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examination volume. In the case of surface examinations where full coverage could not be achieved, alternative methods were considered and employed when possible to achieve maximum allowable coverage. When alternative methods would not increase the examination coverage, an alternate component was considered for examination. However, where 100% examination was not possible the examination was considered a partial and so noted on the examination report. When the reduction in coverage was 10% or greater, per Code Case N-460, a subsequent relief request will be provided by separate correspondence. Examinations that do not receive the required examination coverage will be identified by a 'P' in the remarks column of the examination abstract.

Results

During the current time frame of examinations, for all examinations of components, piping and component supports, no reportable conditions were identified.

Analytical Evaluation

No analytical evaluation of examinations was required.

Evaluation Analyses

None required or performed.

Statement of Interval Status

Virginia Electric and Power Company have completed 76 percent of the Second Period examinations and 56 percent of the 3rd interval examinations.

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Abstract of Examinations Performed IWB, IWC and IWF

			,					
Drawing Number	Mark No.	Line No.	Sect XI Class	Sect XI Category	Sect XI Item	Exam Method	Exam Date	Remarks
11448-WMKS-0100A1Z	FLANGE A	11/2"-CH-97-1502	1	B-G-2	B7.50	VT-1	11/5/98	
11448-WMKS-0100A4Z	1-RC-H012	2"-RC-53-1502	1	F-A	F1.10	VT-3	10/20/98	
11448-WMKS-0100A5Z	1-RC-H002	2"-RC-53-1502	1	F-A	F1.10	VT-3	10/20/98	
11448-WMKS-0100A5Z	1-RC-H008	2"-RC-53-1502	1	F-A	F1.10	VT-3	10/20/98	
11448-WMKS-0100A5Z	1-RC-H010	2"-RC-53-1502	1	F-A	F1.10	VT-3	10/20/98	
11448-WMKS-0100A7Z	1-CH-H006	2"-CH-8-1503	1	F-A	F1.10	VT-3	10/20/98	
11448-WMKS-0100A7Z	1-CH-H010	2"-CH-8-1503	1	F-A	F1.10	VT-3	10/20/98	
11448-WMKS-0100A7Z	1-CH-H014	2"-CH-8-1503	1	F-A	F1.10	VT-3	10/20/98	
11448-WMKS-0100A7Z	1-CH-H018	2"-CH-8-1503	1	F-A	F1.10	VT-3	10/20/98	
11448-WMKS-0100D1	H004-1	30"-SHP-1-601	2	C-C	C3.20	MT	11/4/98	
11448-WMKS-0100G1	1-WFPD-H010A	14"-WFPD-17-601	2	F-A	F1.20	VT-3	10/24/98	
11448-WMKS-0101A1Z	1-01	1½"-CH-95-1502	1	В-Ј	B9.40	PT	10/22/98	
11448-WMKS-0101A1Z	1-04	11/2"-CH-95-1502	1	В-Ј	B9.40	PT	10/23/98	
11448-WMKS-0101A2Z	1-RC-H002	2"-RC-56-1502	1	F-A	F1.10	VT-3	10/22/98	
1 VMKS-0101A2Z	1-RC-HCV-1557B	2"-RC-56-1502	1	B-G-2	B7.70	VT-1	10/22/98	Α
1. //MKS-0101A3Z	1-CH-HCV-1556B	2"-CH-9-1502	1	B-G-2	B7.70	VT-I	10/22/98	Α
11448-WMKS-0101AZ-1	1-05DM	29"-RC-4-2501R	1	B-F	B5.70	UT/PT	10/22/98	P
11448-WMKS-0101AZ-1	1-06DM	31"-RC-5-2501R	1	B-F	B5.70	UT/PT	10/22/98	P
11448-WMKS-0101G1	H005-1A	14"-WFPD-13-601	2	C-C	C3.20	MT	10/29/98	
11448-WMKS-0101G1	H005-2A	14"-WFPD-13-601	2	C-C	C3.20	MT	10/29/98	
11448-WMKS-0102A2Z	1-RC-H006	2"-RC-59-1502	1	F-A	F1.10	VT-3	10/20/98	
11448-WMKS-0102D1	H002-1	30"-SHP-3-601	2	C-C	C3.20	MT/PT	11/6/98	P
11448-WMKS-0102G1	H005-1A	14"-WFPD-9-601	2	C-C	C3.20	MT	11/4/98	
11448-WMKS-0102G1	H005-2A	14"-WFPD-9-601	2	C-C	C3.20	MT	11/4/98	
11448-WMKS-0103A2-1	1-SHP-H050	4"-SHP-37-601	2	F-A	F1.40	VT-3	2/27/98	
11448-WMKS-0103A2-2	1-SHP-H058	4"-SHP-38-601	2	F-A	F1.40	VT-3	2/27/98	
11448-WMKS-0103A2-3	1-SHP-H054	4"-SHP-39-601	2	F-A	F1.40	VT-3	2/27/98	
11448-WMKS-0122A2	1-SI-H031A	12"-SI-47-1502	1	F-A	F1.10	VT-3	10/20/98	Α
11448-WMKS-0122A2	1-SI-H031B	12"-SI-47-1502	1	F-A	F1.10	VT-3	10/20/98	Α
11448-WMKS-0122A2	1-SI-H032A	12"-SI-47-1502	1	F-A	F1.10	VT-3	10/20/98	Α
MKS-0122A2	1-SI-H032B	12"-SI-47-1502	1	F-A	F1.10	VT-3	10/20/98	Α
11448-WMKS-0122A2	1-SI-H033B	12"-SI-47-1502	1	F-A	F1.10	VT-3	10/20/98	
11448-WMKS-0122DI	1-SI-H004A	12"-SI-46-1502	1	F-A	F1.10	VT-3	10/20/98	Α

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Abstract of Examinations Performed IWB, IWC and IWF

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Drawing Number	Mark No.	Line No.	Sect XI Class	Sect XI Category	Sect XI Item	Exam Method	Exam Date	Remarks
11448-WMKS-0122D1	1-SI-H004B	12"-\$1-46-1502	1	F-A	F1.10	VT-3	10/20/98	Α
11448-WMKS-0122D1	1-SI-H006B	12"-SI-46-1502	1	F-A	F1.10	VT-3	10/20/98	
11448-WMKS-0122K1	1-SI-88	6"-RC-18-1502	1	B-G-2	B7.70	VT-1	10/22/98	
11448-WMKS-0122K1	1-SI-H002	6"-SI-48-1502	2	F-A	F1.20	VT-3	10/22/98	
11448-WMKS-0122K1BZ	1-SI-H003	2"-SI-81-1502	2	F-A	F1.20	VT-3	10/20/98	
11448-WMKS-0122L1	1-SI-H005A	12"-SI-45-1502	1	F-A	F1.10	VT-3	10/20/98	Α
11448-WMKS-0122L1	1-SI-H005B	12"-SI-45-1502	1	F-A	F1.10	VT-3	10/20/98	Α
11448-WMKS-1101A3	0-03	12"-CS-1-153	2	C-F-1	C5.11	UT/PT	10/24/98	P
11448-WMKS-1106A4	1-16	3"-SI-70-1503	2	C-F-1	C5.21	UT/PT	10/23/98	
11448-WMKS-1106A4	2-40	2"-SI-76-1503	2	C-F-1	C5.30	PT	10/28/98	
11448-WMKS-1106A4Z	1-SI-H015	2"-SI-74-1502	2	F-A	F1.20	VT-3	10/20/98	
11448-WMKS-1106A4Z	1-SI-H016	2"-SI-74-1502	2	F-A	F1.20	VT-3	10/20/98	
11448-WMKS-RC-E-1B.1	CL MANWAY	1-RC-E-1B	1	B-G-2	B7.30	VT-1	10/22/98	
11448-WMKS-RC-E-1B.1	HL MANWAY	1-RC-E-1B	1	B-G-2	B7.30	VT-1	10/22/98	
VMKS-RC-E-1B.1	TUBES	1-RC-E-IB	1	B-Q	B16.20	ET	11/12/98	
1. WMKS-RC-E-1B.2	1-RC-1-02ANIR	1-RC-E-1B	1	B-D	B3.140	VT-1	11/5/98	
11448-WMKS-RC-E-1B.2	1-RC-1-02BNIR	1-RC-E-1B	1	B-D	B3.140	VT-1	11/5/98	
11448-WMKS-RC-R-1.3	S-41	I-RC-R-I	1	B-G-1	B6.30	MT/UT	10/31/98	
11448-WMKS-RC-R-1.3	S-42	1-RC-R-1	1	B-G-1	B6.30	MT/UT	10/31/98	
11448-WMKS-RC-R-1.3	S-43	1-RC-R-1	1	B-G-1	B6.30	MT/UT	10/31/98	
11448-WMKS-RC-R-1.3	S-44	1-RC-R-I	1	B-G-1	B6.30	MT/UT	10/31/98	
11448-WMKS-RC-R-1.3	S-45	1-RC-R-1	1	B-G-1	B6.30	MT/UT	10/31/98	
11448-WMKS-RC-R-1.3	S-46	1-RC-R-1	1	B-G-1	B6.30	MT/UT	10/31/98	
11448-WMKS-RC-R-1.3	S-47	1-RC-R-1	1	B-G-1	B6.30	MT/UT	10/30/98	
11448-WMKS-RC-R-1.3	S-48	1-RC-R-1	1	B-G-1	B6.30	MT/UT	10/31/98	
11448-WMKS-RC-R-1.3	S-49	1-RC-R-I	1	B-G-1	B6.30	MT/UT	10/31/98	
11448-WMKS-RC-R-1.3	S-50	1-RC-R-1	1	B-G-1	B6.30	MT/UT	10/31/98	
11448-WMKS-RC-R-1.3	S-51	1-RC-R-I	1	B-G-1	B6.30	MT/UT	10/30/98	
11448-WMKS-RC-R-1.3	S-52	1-RC-R-I	1	B-G-1	B6.30	MT/UT	10/30/98	
11448-WMKS-RC-R-1.3	S-53	1-RC-R-1	1	B-G-1	B6.30	MT/UT	10/31/98	
MKS-RC-R-1.3	S-54	1-RC-R-1	1	B-G-1	B6.30	MT/UT	10/30/98	
11448-WMKS-RC-R-1.3	S-55	1-RC-R-1	1	B-G-1	B6.30	MT/UT	10/31/98	
11448-WMKS-RC-R-1.3	S-56	1-RC-R-1	1	B-G-1	B6.30	MT/UT	10/31/98	
			D0-64					

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Abstract of Examinations Performed IWB, IWC and IWF

		144.0	, IVV C and IV	V I				
Drawing Number	Mark No.	Line No.	Sect XI Class	Sect XI Category	Sect XI Item	Exam Method	Exam Date	Remarks
11448-WMKS-RC-R-1.3	S-57	1-RC-R-1	1	B-G-1	B6.30	MT/UT	10/29/98	
11448-WMKS-RC-R-1.3	S-58	1-RC-R-1	1	B-G-1	B6.30	MT/UT	10/31/98	
11448-WMKS-RC-R-1.4	CCW-41	I-RC-R-1	1	B-G-1	B6.50	VT-1	10/31/98	
11448-WMKS-RC-R-1.4	CCW-42	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/31/98	
11448-WMKS-RC-R-1.4	CCW-43	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/31/98	
11448-WMKS-RC-R-1.4	CCW-44	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/31/98	
11448-WMKS-RC-R-1.4	CCW-45	1-RC-R-1	l	B-G-1	B6.50	VT-1	10/31/98	
11448-WMKS-RC-R-1.4	CCW-46	1-RC-R-1	I	B-G-1	B6.50	VT-1	10/31/98	
11448-WMKS-RC-R-1.4	CCW-47	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
11448-WMKS-RC-R-1.4	CCW-48	1-RC-R-1	Ī	B-G-1	B6.50	VT-1	10/29/98	
11448-WMKS-RC-R-1.4	CCW-49	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
11448-WMKS-RC-R-1.4	CCW-50	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
11448-WMKS-RC-R-1.4	CCW-51	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
11448-WMKS-RC-R-1.4	CCW-52	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
1 VMKS-RC-R-1.4	CCW-53	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
MMKS-RC-R-1.4	CCW-54	1-RC-R-1	1	`B-G-1	B6.50	VT-1	10/29/98	
11448-WMKS-RC-R-1.4	CCW-55	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
11448-WMKS-RC-R-1.4	CCW-56	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
11448-WMKS-RC-R-1.4	CCW-57	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
11448-WMKS-RC-R-1.4	CCW-58	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
11448-WMKS-RC-R-1.4	CVW-41	1-RC-R-1	I	B-G-1	B6.50	VT-1	10/31/98	
11448-WMKS-RC-R-1.4	CVW-42	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/31/98	
11448-WMKS-RC-R-1.4	CVW-43	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/31/98	
11448-WMKS-RC-R-1.4	CVW-44	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/31/98	
11448-WMKS-RC-R-1.4	CVW-45	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/31/98	
11448-WMKS-RC-R-1.4	CVW-46	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/31/98	
11448-WMKS-RC-R-1.4	CVW-47	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
11448-WMKS-RC-R-1.4	CVW-48	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
11448-WMKS-RC-R-1.4	CVW-49	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
11448-WMKS-RC-R-1.4	CVW-50	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
MKS-RC-R-1.4	CVW-51	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
11448-WMKS-RC-R-1.4	CVW-52	1-RC-R-I	1	B-G-1	B6.50	VT-1	10/29/98	
11448-WMKS-RC-R-1.4	CVW-53	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	

Abstract of Examinations Performed IWB, IWC and IWF

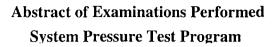
TWB, TWC and TWF							
Mark No.	Line No.	Sect XI Class	Sect XI Category	Sect XI Item	Exam Method	Exam Date	Remarks
CVW-54	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
CVW-55	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
CVW-56	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
CVW-57	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
CVW-58	1-RC-R-1	1	B-G-1	B6.50	VT-1	10/29/98	
N-41	1-RC-R-1	1	B-G-1	B6.10	VT-1	10/31/98	
N-42	1-RC-R-1	1	B-G-1	B6.10	VT-1	10/31/98	
N-43	1-RC-R-1	1	B-G-1	B6.10	VT-1	10/31/98	
N-44	1-RC-R-1	1	B-G-1	B6.10	VT-1	10/31/98	
N-45	1-RC-R-1	1	B-G-1	B6.10	VT-1	10/31/98	
N-46	1-RC-R-1	1	B-G-1	B6.10	VT-1	10/31/98	
N-47	1-RC-R-1	. 1	B-G-1	B6.10	VT-1	10/29/98	
N-48	1-RC-R-1	1	B-G-1	B6.10	VT-1	10/29/98	
N-49	1-RC-R-1	1	B-G-1	B6.10	VT-1	10/29/98	
N-50	1-RC-R-1	1	B-G-I	B6.10	VT-1	10/29/98	
N-51	1-RC-R-1	1	B-G-1	B6.10	VT-1	10/29/98	
N-52	1-RC-R-1	1	B-G-1	B6.10	VT-1	10/29/98	
N-53	1-RC-R-1	1	B-G-1	B6.10	VT-1	10/29/98	
N-54	1-RC-R-1	1	B-G-1	B6.10	VT-1	10/29/98	
N-55	1-RC-R-1	1	B-G-1	B6.10	VT-1	10/29/98	
N-56	1-RC-R-1	1	B-G-1	B6.10	VT-1	10/29/98	
N-57	1-RC-R-1	1	B-G-1	B6.10	VT-1	10/29/98	
N-58	1-RC-R-1	1	B-G-1	B6.10	VT-1	10/29/98	
1-B01	1-RH-E-1B	2	C-A	C1.20	UT	10/24/98	44"-88"
1-B02	1-RH-E-1B	2	C-A	C1.10	UT	10/24/98	44"-88"
1-B03	1-RH-E-1B	2	C-B	C2.33	VT-2	10/23/98	
1-B04	1-RH-E-1B	2	C-B	C2.33	VT-2	10/23/98	
1-B06	1-RH-E-1B	2	C-B	C2.31	PT	10/23/98	
	CVW-54 CVW-55 CVW-56 CVW-57 CVW-58 N-41 N-42 N-43 N-44 N-45 N-46 N-47 N-48 N-49 N-50 N-51 N-52 N-53 N-54 N-55 N-56 N-57 N-58 1-B01 1-B02 1-B03 1-B04	CVW-54	Mark No. Line No. Sect XI Class CVW-54 1-RC-R-1 1 CVW-55 1-RC-R-1 1 CVW-56 1-RC-R-1 1 CVW-57 1-RC-R-1 1 CVW-58 1-RC-R-1 1 N-41 1-RC-R-1 1 N-42 1-RC-R-1 1 N-43 1-RC-R-1 1 N-44 1-RC-R-1 1 N-45 1-RC-R-1 1 N-46 1-RC-R-1 1 N-47 1-RC-R-1 1 N-48 1-RC-R-1 1 N-49 1-RC-R-1 1 N-50 1-RC-R-1 1 N-51 1-RC-R-1 1 N-52 1-RC-R-1 1 N-53 1-RC-R-1 1 N-53 1-RC-R-1 1 N-54 1-RC-R-1 1 N-55 1-RC-R-1 1 N-56 1-RC-R-1 1 N-57 1-RC-R-1 1 N-58 1-RC-R-1 1	Mark No. Line No. Class Category CVW-54 1-RC-R-1 1 B-G-1 CVW-55 1-RC-R-1 1 B-G-1 CVW-56 1-RC-R-1 1 B-G-1 CVW-57 1-RC-R-1 1 B-G-1 CVW-58 1-RC-R-1 1 B-G-1 N-41 1-RC-R-1 1 B-G-1 N-42 1-RC-R-1 1 B-G-1 N-43 1-RC-R-1 1 B-G-1 N-44 1-RC-R-1 1 B-G-1 N-45 1-RC-R-1 1 B-G-1 N-46 1-RC-R-1 1 B-G-1 N-47 1-RC-R-1 1 B-G-1 N-48 1-RC-R-1 1 B-G-1 N-49 1-RC-R-1 1 B-G-1 N-50 1-RC-R-1 1 B-G-1 N-51 1-RC-R-1 1 B-G-1 N-52 1-RC-R-1 1 B-G-1 N-53 1-RC-R-1	Mark No. Line No. Sect XI Category Sect XI Category Sect XI Letter CVW-54 1-RC-R-1 1 B-G-1 B6.50 CVW-55 1-RC-R-1 1 B-G-1 B6.50 CVW-56 1-RC-R-1 1 B-G-1 B6.50 CVW-57 1-RC-R-1 1 B-G-1 B6.50 CVW-58 1-RC-R-1 1 B-G-1 B6.50 N-41 1-RC-R-1 1 B-G-1 B6.50 N-42 1-RC-R-1 1 B-G-1 B6.10 N-43 1-RC-R-1 1 B-G-1 B6.10 N-44 1-RC-R-1 1 B-G-1 B6.10 N-45 1-RC-R-1 1 B-G-1 B6.10 N-46 1-RC-R-1 1 B-G-1 B6.10 N-47 1-RC-R-1 1 B-G-1 B6.10 N-49 1-RC-R-1 1 B-G-1 B6.10 N-50 1-RC-R-1 1 B-G-1 B6.10	Mark No. Line No. Sect XI Class Sect XI Category Exam Method Method Method Method Class CVW-54 1-RC-R-1 1 B-G-1 B6.50 VT-1 CVW-55 1-RC-R-1 1 B-G-1 B6.50 VT-1 CVW-56 1-RC-R-1 1 B-G-1 B6.50 VT-1 CVW-57 1-RC-R-1 1 B-G-1 B6.50 VT-1 CVW-58 1-RC-R-1 1 B-G-1 B6.50 VT-1 N-41 1-RC-R-1 1 B-G-1 B6.10 VT-1 N-42 1-RC-R-1 1 B-G-1 B6.10 VT-1 N-43 1-RC-R-1 1 B-G-1 B6.10 VT-1 N-44 1-RC-R-1 1 B-G-1 B6.10 VT-1 N-45 1-RC-R-1 1 B-G-1 B6.10 VT-1 N-46 1-RC-R-1 1 B-G-1 B6.10 VT-1 N-47 1-RC-R-1 1 B-G-1 B6.10 VT-1	Mark No. Line No. Sect XI Class Sect XI Category Sect XI Rem Exam Method Exam Date CVW-54 1-RC-R-1 1 B-G-1 B6.50 VT-1 10/29/98 CVW-55 1-RC-R-1 1 B-G-1 B6.50 VT-1 10/29/98 CVW-56 1-RC-R-1 1 B-G-1 B6.50 VT-1 10/29/98 CVW-57 1-RC-R-1 1 B-G-1 B6.50 VT-1 10/29/98 CVW-58 1-RC-R-1 1 B-G-1 B6.50 VT-1 10/29/98 N-41 1-RC-R-1 1 B-G-1 B6.10 VT-1 10/31/98 N-42 1-RC-R-1 1 B-G-1 B6.10 VT-1 10/31/98 N-43 1-RC-R-1 1 B-G-1 B6.10 VT-1 10/31/98 N-44 1-RC-R-1 1 B-G-1 B6.10 VT-1 10/31/98 N-45 1-RC-R-1 1 B-G-1 B6.10 VT-1 10/31/98

Remarks Codes:

A: Re-examination of a component that required corrective measures during a previous outage.

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

Portion of weld scheduled for examination in relation to '0' datum point.



Zone	Description	Section XI Class	Section XI Category	Section XI Item	Date	
1-SPM-082B-2-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98	
1-SPM-082B-2-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98	
1-SPM-082B-2-2	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98	
1-SPM-082B-2-2	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98	
1-SPM-082B-2-3	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98	
1-SPM-082B-2-3	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98	
1-SPM-082B-2-4	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98	
1-SPM-082B-2-4	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98	
1-SPM-082B-2-7	RHR DISCHARGE PIPING TO RHR HX AND HX BYPASS	2	С-Н	C7.70	10/26/98	
1-SPM-082B-2-7	RHR DISCHARGE PIPING TO RHR HX AND HX BYPASS	2	С-Н	C7.30	10/26/98	
1-SPM-082B-2-8	RCS HOT LEG SAMPLE PENETRATION #56	. 2	С-Н	C7.30	10/19/98	
1-SPM-082B-2-8	RCS HOT LEG SAMPLE PENETRATION #56	2	С-Н	C7.70	10/19/98	
1-SPM-082B-2-9	RCS COLD LEG SAMPLE PENETRATION #56	2	С-Н	C7.30	11/18/98	
1-SPM-082B-2-9	RCS COLD LEG SAMPLE PENETRATION #56	2	С-Н	C7.70	11/18/98	7
1-SPM-083B-3-3	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98	Vat No
1-SPM-086A-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98	
1-SPM-086A-1-1	REACTOR COOLANT SYSTEM	. 1	B-P	B15.30	11/18/98	Š
1-SPM-086A-1-1	REACTOR COOLANT SYSTEM	1	В-Р	B15.60	11/18/98	

Zone	Description
1-SPM-086A-1-1	REACTOR COOLANT SYSTEM
1-SPM-086A-1-2	REACTOR COOLANT SYSTEM
1-SPM-086A-1-2	REACTOR COOLANT SYSTEM
1-SPM-086A-1-3	REACTOR COOLANT SYSTEM
1-SPM-086A-1-3	REACTOR COOLANT SYSTEM
1-SPM-086A-1-4	REACTOR COOLANT SYSTEM
1-SPM-086A-1-4	REACTOR COOLANT SYSTEM
1-SPM-086A-1-5	REACTOR COOLANT SYSTEM
1-SPM-086A-1-5	REACTOR COOLANT SYSTEM
1-SPM-086A-2-1	REACTOR COOLANT SYSTEM
1-SPM-086A-2-2	REACTOR COOLANT SYSTEM
1-SPM-086A-2-2	REACTOR COOLANT SYSTEM
1-SPM-086A-2-3	REACTOR COOLANT SYSTEM
1-SPM-086A-2-3	REACTOR COOLANT SYSTEM
1-SPM-086A-2-4	REACTOR COOLANT SYSTEM
1-SPM-086A-2-4	REACTOR COOLANT SYSTEM
1-SPM-086A-2-5	REACTOR COOLANT SYSTEM
1-SPM-086A-2-5	REACTOR COOLANT SYSTEM

Section XI Class	Section XI Category	Section XI Item	Date	
1	B-P	B15.50	11/18/98	
1	B-P	B15.70	11/18/98	
1	B-P	B15.50	11/18/98	
1	B-P	B15.50	11/18/98	
1	В-Р	B15.70	11/18/98	
1	B-P	B15.70	11/18/98	
1	B-P	B15.50	11/18/98	
1	В-Р	B15.50	11/18/98	
1	B-P	B15.70	11/18/98	
1	B-P	B15.30	11/18/98	
1	B-P	B15.70	11/18/98	
1	B-P	B15.60	11/18/98	
1	B-P	B15.50	11/18/98	
1	B-P	B15.50	11/18/98	
1	B-P	B15.70	11/18/98	
1	B-P	B15.70	11/18/98	
1	B-P	B15.50	11/18/98	D _o
1	B-P	B15.50	11/18/98	Attachme Page 9 o Serial No.: 99- Docket No.: 50-
1	B-P	B15.70	11/18/98	achme) ge 9 of o.: 99-0
1	B-P	B15.70	11/18/98	nt 1 f 27 038 280
1	B-P	B15.50	11/18/98	

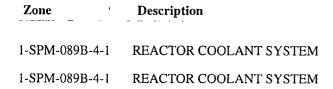
Zone	Description
1-SPM-086A-3-1	REACTOR COOLANT SYSTEM
1-SPM-086A-3-2	REACTOR COOLANT SYSTEM
1-SPM-086A-3-2	REACTOR COOLANT SYSTEM
1-SPM-086A-3-3	REACTOR COOLANT SYSTEM
1-SPM-086A-3-3	REACTOR COOLANT SYSTEM
1-SPM-086A-3-4	REACTOR COOLANT SYSTEM
1-SPM-086A-3-4	REACTOR COOLANT SYSTEM
1-SPM-086A-3-5	REACTOR COOLANT SYSTEM
1-SPM-086A-3-5	REACTOR COOLANT SYSTEM
1-SPM-086A-3-6	REACTOR COOLANT SYSTEM
1-SPM-086A-3-6	REACTOR COOLANT SYSTEM
1-SPM-086B-1-1	REACTOR COOLANT SYSTEM
1-SPM-086B-1-1	REACTOR COOLANT SYSTEM
1-SPM-086B-1-1	REACTOR COOLANT SYSTEM
1-SPM-086B-1-2	REACTOR COOLANT SYSTEM
1-SPM-086B-1-2	REACTOR COOLANT SYSTEM
1-SPM-086B-1-3	REACTOR COOLANT SYSTEM

Section XI Class	Section XI Category	Section XI Item	Date
1	B-P	B15.70	11/18/98
1	B-P	B15.60	11/18/98
1	B-P	B15.50	11/18/98
1	B-P	B15.10	11/18/98
1	B-P	B15.30	11/18/98
1	B-P	B15.70	11/18/98
1	B-P	B15.50	11/18/98
1	B-P	B15.70	11/18/98
1	B-P	B15.50	11/18/98
1	B-P	B15.70	11/18/98
1	B-P	B15.50	11/18/98
1	B-P	B15.70	11/18/98
1	B-P	B15.50	11/18/98
1	B-P	B15.50	11/18/98
1	B-P	B15.70	11/18/98
1	B-P	B15.50	11/18/98
1	B-P	B15.70	11/18/98
1	B-P	B15.20	11/18/98
1	B-P	B15.70	11/18/98
1	B-P	B15.50	11/18/98
1	B-P	B15.70	11/18/98

Zone	Description	Section XI Class	Section XI Category	Section XI Item	Date	
1-SPM-086B-1-3	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98	
1-SPM-086B-1-4	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98	
1-SPM-086B-1-4	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98	
1-SPM-086B-1-5	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98	
1-SPM-086B-1-5	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98	
1-SPM-086C-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98	
1-SPM-086C-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98	
1-SPM-086C-1-2	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98	
1-SPM-086C-1-2	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98	
1-SPM-086C-2-1	REACTOR COOLANT SYSTEM	1	В-Р	B15.70	11/18/98	
1-SPM-086C-2-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98	
1-SPM-087A-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98	
1-SPM-087A-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98	
1-SPM-087A-1-2	RHR DISCHARGE PIPING TO RHR HX AND HX BYPASS	2	С-Н	C7.30	10/26/98	,
1-SPM-087A-1-2	RHR DISCHARGE PIPING TO RHR HX AND HX BYPASS	2	С-Н	C7.70	10/26/98	
1-SPM-087A-1-3	1-RH-P-1A	2	С-Н	C7.70	10/30/98	Doc
1-SPM-087A-1-3	1-RH-P-1A	2	С-Н	C7.50	10/30/98	Docket No
1-SPM-087A-1-3	1-RH-P-1A	2	С-Н	C7.30	10/30/98	.: 50-280
1-SPM-087A-1-4	1-RH-P-1B	2	С-Н	C7.70	10/26/98	88
1-SPM-087A-1-4	1-RH-P-1B	2	С-Н	C7.30	10/26/98	

Zone	Description	Section XI Class	Section XI Category	Section XI Item	Date
1-SPM-087A-1-4	1-RH-P-1B	. 2	С-Н	C7.50	10/26/98
1-SPM-087A-1-5	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98
1-SPM-087A-1-5	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98
1-SPM-087A-2-1	RHR DISCHARGE PIPING TO RHR HX AND HX BYPASS	2	С-Н	C7.30	10/26/98
1-SPM-087A-2-1	RHR DISCHARGE PIPING TO RHR HX AND HX BYPASS	. 2	С-Н.	C7.70	10/26/98
1-SPM-087A-2-1	RHR DISCHARGE PIPING TO RHR HX AND HX BYPASS	2	С-Н	C7.10	10/26/98
1-SPM-087A-2-2	RHR TO RWST PIPING	. 2	С-Н	C7.70	10/30/98
1-SPM-087A-2-2	RHR TO RWST PIPING	2	С-Н	C7.30	10/30/98
1-SPM-087A-2-3	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98
1-SPM-087A-2-3	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98
1-SPM-087A-2-4	REACTOR COOLANT SYSTEM	1	В-Р	B15.70	11/18/98
1-SPM-087A-2-4	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98
1-SPM-088A-3-2	BORATE FOR END OF CORE LIFE	2	С-Н	C7.70	9/28/98
1-SPM-088A-3-2	BORATE FOR END OF CORE LIFE	2	С-Н	C7.30	9/28/98
1-SPM-088C-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98
1-SPM-088C-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98
1-SPM-088C-1-2	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98
1-SPM-088C-1-2	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98
1-SPM-088C-1-3	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98

Zone	Description	Section XI Class	Section XI Category	Section XI Item	Date
1-SPM-088C-1-3	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98
1-SPM-088C-1-6	REACTOR COOLANT SYSTEM	1	В-Р	B15.50	11/18/98
1-SPM-088C-1-6	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98
1-SPM-088C-2-8	REACTOR COOLANT SYSTEM	. 1	В-Р	B15.60	11/18/98
1-SPM-088C-2-8	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98
1-SPM-088C-2-8	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98
1-SPM-089A-2-5	LOW HEAD SAFETY INJECTION DISCHARGE PIPING TO MOV- 1890C	2	С-Н	C7.30	11/10/98
1-SPM-089A-2-5	LOW HEAD SAFETY INJECTION DISCHARGE PIPING TO MOV- 1890C	· 2	С-Н	C7.70	11/10/98
1-SPM-089B-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98
1-SPM-089B-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98
1-SPM-089B-1-3	REACTOR COOLANT SYSTEM	1	В-Р	B15.50	11/18/98
1-SPM-089B-1-3	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98
1-SPM-089B-2-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98
1-SPM-089B-2-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98
1-SPM-089B-2-3	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98
1-SPM-089B-2-3	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98
1-SPM-089B-3-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98
1-SPM-089B-3-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98
1-SPM-089B-3-3	REACTOR COOLANT SYSTEM	1	B-P	B15.70	11/18/98
1-SPM-089B-3-3	REACTOR COOLANT SYSTEM	1	B-P	B15.50	11/18/98



Section XI Class	Section XI Category	Section XI Item	Date
1	B-P	B15.70	11/18/98
1	B-P	B15.50	11/18/98

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Attachment 1
Page 14 of 27
Serial No.: 99-038
Docket No.: 50-280

Attachment 1 Page 15 of 27 Serial No.: 99-038 Docket No.: 50-280

Abstract of Examinations Snubber Program

During the Unit 1 Refueling Outage in October 1998, there were 20 snubbers selected for functional testing including 13 hydraulic snubbers, 6 mechanical snubbers and 1 large bore snubber. In addition, 14 hydraulic snubbers were selected for seal replacement. All snubbers that were selected for functional testing or seal replacement were functional tested and no failure was found.

Visual inspection was not required due to the extended inspection interval per T.S. 4.17. However, as-found and as-left visual inspections were performed for all snubbers which were removed for functional testing or seal replacement.

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Abstract of Examinations

Eddy Current Examinations

of

Nonferromagnetic Steam Generator Tubing

Inservice examination was performed on Steam Generator "B"

In Steam Generator "B" 3334 tubes were inspected full length with bobbin probes to test for general degradation. The plan also consisted of the following:

- 1. 680 tubes hot leg top of tubesheet, rotating pancake coil (RPC) testing to detect cracking,
- 2. 19 tubes row 1 U-bend RPC testing to detect cracking;
- 3. 4 tubes plus point inspection for characterization of anomalous signals; and
- 4. 5 tubes ultrasonic (UT) inspection for characterization of anomalous signals.

Steam generator "B" had eight (8) plugged tubes at the beginning of the inspection, and six (6) tubes were plugged as a result of this inspection. Three tubes (Row 1-Column 58, Row 1-Column 59, and Row 1-Column 60) were preventively plugged due to restrictions. The following tubes (Row 32-Column 14, Row 32-Column 16, and Row 33-Column 16) were preventively plugged due to indications at the hot leg side baffle plate. The results of sizing of these indications, based on a qualified bobbin wear standard, shows all of these indications to be 21%-26% through wall.

o indications were reported that are significant to tube integrity. However, the following indications were reported during the inspection:

Row	Column	Indication	Location	Remarks
8	4	MBM	5C	
12	5	MBM	1H	
13	6	MBM	1H	
15	6	MBM	4C	
14	7	MBM	1C	
20	7	MBM	ВРН	
23	7	MBM	1H	
8	8	MBM	TSC	
8	9	MBM	5H	

Row	Column	Indication	Location	Remarks	Attachment 1 Page 17 of 27 Serial No.: 99-038 Docket No.: 50-280
16	10	MBM	1 C		
11	11	MBM	3Н		
14	11	MBM	1H		
22	11	MBM	BPC		
2	13	MBM	5H		
4	14	MBM	1H		
4	14	DNT	7H		
21	14	MBM	6H		
14	15	MBM	1C		
21	15	MBM	5C		
27	15	MBM	TSC		
8	16	MBM	5H		
12	16	MBM	5C		
33	16	MBM	2C		
33	16	26%TW	ВРН	Preventively 1	plugged
33	16	DNT	2H		
33	16	DNT	2Н		
13	17	MBM	3H		
13	17	MBM	5H		
21	19	MBM	BPC		
33	19	MBM	2H		
35	19	MBM	6		

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Row	Column	Indication	Location	Remarks
5	20	MBM	3	
24	20	MBM	3H	
27	20	MBM	ВРН	
31	20	MBM	ВРН	
35	20	MBM	1H	•
17	22	MBM	TSC	
24	22	MBM	· 2H	
35	22	MBM	2C	•
35	22	MBM	BPC	
17	22	MBM	3C	
17	23	MBM	3C	
17	23	MBM	2C	
24	23	MBM	BP	
24	23	MBM	4H	
24	23	MBM	5H	
.30	23	MBM	2C	
26	24	MBM	3H	
33	24	MBM	6Н	
33	24	MBM	6H	
39	24	MBM	AV2	
39	24	MBM	AV2	
21	25	MBM	5H	

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Row	Column	Indication	Location	Remarks	Docket No.: 50-280
29	25	MBM	2C		
9	26	MBM	4H		
21	26	MBM	BPC		
3	27	MBM	TSH		
38	27	MBM	1H		
1	28	MBM	TSC		
19	28	MBM	1C		
22	29	MBM	5H		
30	29	MBM	6H		
13	30	MBM	5H		
42	30	MBM	1C		
39	31	MBM	6C		
8	32	MBM	3H		
39	32	MBM	AV1		
3	33	MBM	5H		
11	33	MBM	TSH		
11	33	MBM	1H		
25	33	MBM	3H		
39	34	MBM	6H		•
42	34	MBM	2C		·
9	35	MBM	3C		
20	35	MBM	3H		

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Row	Column	Indication	Location	Remarks	Docket No.:
23	35	MBM	ВРН		
31	35	MBM	2H		
31	35	MBM	2H		
22	37	MBM	5H		
39	37 .	MBM	2H		
43	37	MBM	7H		
24	38	MBM	6C		
27	38	MBM	2H		
27	38	MBM	4C		
31	38	MBM	4H		
42	38	MBM	5C		
34	39	MBM	3H		
37	40	MBM	2H		
43	40	MBM	3H	•	
29	41	MBM	5C		
28	42	MBM	6C		
29	42	MBM	1H		
7	43	MBM ·	3C		
16	43	MBM	AV3		
32	43	MBM	3H		
44	43	MBM	ВРН		
42	44	MBM	6H		

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Row	Column	Indication	Location	Remarks	Docket No.:
44	44	MBM	3H		
24	46	MBM	1H		
25	46	MBM	AV3		
34	46	MBM	BPC		
4	47 ·	MBM	5H		
12	47	MBM	TSC		
42	47	MBM	3C		
44	47	MBM	1C		
6	48	MBM	5C		
6	48	MBM	4C		
34	48	MBM	5H		
28	49	MBM	5C		
3	50	MBM	5C		
5	50	MBM	4H		
31	51	MBM	3C		
19	52	MBM	5C		
40	52	MBM	AV4	•	
6	53	MBM	1H		
12	53	MBM	3C		
12	53	MBM	TSC		
21	54	MBM	TSH		
21	54	MBM	1H		

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Row	Column	Indication	Location	Remarks	Docket No.: 50-28
21	54	MBM	4C		
44	55	MBM	4C		
35	56	MBM	5C		
34	57 .	MBM	1C		•
37	57	MBM	2H		
39	57	MBM	AV4		
45	57	MBM	1H		
45	57	MBM	AV2		
22	58	MBM	5C		
13	59	MBM	IC		
26	59	MBM	5C		
33	59	MBM	5H		
33	59	MBM	5H		
18	60	MBM	6C		
5	63	MBM	2H		
19	67	MBM	6C		
26	68	MBM	ВРН		
17	69	MBM	ВРН		
19	70	MBM	6H		
25	70	MBM	TSH		
28	70	MBM	AV1		
39	70	MBM	5C		

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Serial No.: 99-038
ocket No : 50-280

Row	Column	Indication	Location	Remarks	Attachment 1 Page 23 of 27 Serial No.: 99-038 Docket No.: 50-280
6	71	MBM	1C		
31	72	MBM	1H		
26	. 73	MBM	6H		
19	74	MBM	4C		
19	75	MBM	5C		
34	76	MBM	6H		
34	76	MBM	6C		
34	76	MBM	6C		
13	. 77	MBM	3H		
23	77	MBM	6C		
22	78	MBM	3H		
30	78	MBM	1C		
29	80	MBM	3H		
29	80	MBM	3H		
29	80	MBM	1C		
29	80	MBM	1C		
29	80	MBM	1C		
7	81	MBM	1H		
7	81	MBM	3H		
29	82	MBM	3C		
31	82	MBM	2H		
3	83	MBM	1C		
21	84	MBM	6H Page 8 of 1	2	

Row	Column	Indication	Location	Remarks	Attachment 1 Page 24 of 27 Serial No.: 99-038 Docket No.: 50-280
19	85	MBM	BPC		
13	86	MBM	1C		
4	88	MBM	BPC		
21	88	MBM	ВРН		·
26	75	MBM	TSH		
26	75	DNT	2H		
14	90	MBM	1C		
1	58	RST	TSH	Preventively p	lugged
1	59	RST	TSH	Preventively p	olugged
1	60	RST	TSH	Preventively p	lugged
32	14	. 22%TW	ВРН	Preventively p	lugged
32	16	21%TW	ВРН	Preventively p	lugged
9	2	DNT	6Н		
16	4	DNT	AV4		
18	5	DNT	QV4		
18	5	DNT	6C		
18	5	DNT	6C		
1	6	DNT	7C		
19	7	DNT	6C		
4	12	DNT	7H		
9	14	DNT	5C		
31	14	DNT	6C		
8	15	DNT I	7H Page 9 of 12		

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Row	Column	Indication	Location	Remarks	Serial No.: 99-038 Docket No.: 50-280
2	17	DNT	7H		
7	21	DNT	6C		
11	22	DNT	7H		
4	29	DNT	6H		
15	32	DNT	6C		
45	41	DNT	QV4		
42	43	DNT	ВРН		
11	49	DNT	6C		
10	49	DNT	7H		
11	50	DNT	7H		
19	51	DNT	4H		
19	51	DNT	6H		
19	51	DNT	1C		
43	54	DNT	2C		
1	58	DNT	TSC		
17	58	DNT	2H		
1	59	DNT	TSC		·
10	60	DNT	TSH		
10	60	DNT	1C		
6	63	DNT	3H		
6	67	DNT	4C		
4	68	DNT	1C		
34	69	DNT I	3H Page 10 of 12		

Row	Column	Indication	Location	Remarks	Page 26 of 27 Serial No.: 99-038 Docket No.: 50-280
36	70	DNT	AV2		
21	76	DNT	1C		
1 .	78	DNT	7H		
27	80	DNT	6H		
4	83	DNT	7H		
20	83	DNT	2H		
1	87	DNT	7H		
20	87	DNT	2Н		
18	89	DNT	7C		
19	89	DNT	7C		
20	89	DNT	7C		
20	89	DNT	7C		
4	90	DNT	6H		
16	90	DNT	7C		
17	90	DNT	1H		
17	90	DNT	7C		
18	90	DNT	7C .		
18	90	DNT	7C		
15	91	DNT	7C		
16	91	DNT	7C		
16	91	DNT	7C		
4	92	DNT	7H		

Attachment 1

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Glossary of Terms

NT: Dent - A tube deformation resulting in a non-circular tube shape with areas of reduced diameter.

MBM: Manufacturing Buff Mark - A shallow tube wall loss due to manual buffing of minor surface

imperfections during steam generator construction.

RST: Restricted tube

%TW: Percent through wall reduction of tube

Row-Column: Tube identifier numbers based on an X-Y coordinate system.

Location: The location (in the tube) of the indication. Examples of locations are as follows:

AV (1 through 4)	Anti-vibration bars located on the top radius of the tubes
H (1 through 7)	Tube support plates on the hot leg of the steam generator.
C (1 through 7)	Tube support plates on the cold leg of the steam generator.
TSH	Top of tube sheet on the hot leg of the steam generator.
TSC	Top of tube sheet on the cold leg of the steam generator.
THE	Tube end on the hot leg of the steam generator.
TEC	Tube end on the cold leg of the steam generator.
BPH	Baffle plate on the hot leg of the steam generator
BPC	Baffle plate on the cold leg of the steam generator

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Attachment 2 Surry Power Station Unit 1 Inservice Inspections

Repairs and Replacements NIS-2 Forms

Repair and Replacements

Repairs and replacements completed during this refueling outage were performed in accordance with Section XI of the ASME Boiler and Pressure Vessel Code, 1989 Edition.

The following paragraphs and the attached NIS-2 Forms represent those repairs and replacements performed on Class 1 and Class 2 systems:

RR# 97-235, replace valve 1-CS-MOV-102B. This replacement was performed on work order 00378524-01, and completed on 11-16-1998.

RR# 98-017, overhaul valve 1-SI-MOV-1869A. This replacement was performed on work order 00385298-01, and completed on 11-4-1998.

RR# 98-019, repair valve 1-SI-145. This repair was performed on work order 00365452-01, and completed on 3-25-1998.

RR# 98-020, repair valve 1-RC-PVC-1456. This repair was performed on work order 00365790-01, and completed on 3-25-1998.

RR# 98-021, repair valve 1-RC-PCV-1455C. This repair was performed on work order 00368301-01, and completed on 3-25-1998.

RR# 98-022, replace pressurizer manway, 1-RC-E-2. This repair was performed on work order 00364933-01, and completed on 3-26-1998.

RR# 98-028, replace fasteners 1-SI-130. This replacement was performed on work order 00386551-01, and completed on 3-24-1998.

RR# 98-029, repair valve 1-RC-PCV-1455C. This repair was performed on work order 00368301-01, and completed on 3-25-1998.

RR# 98-030, repair through wall leak on 12"-RH-19-602. This repair was performed on work order 00386554-01, and completed on 3-29-1998.

RR# 98-032, replace fasteners 1-RH-FE-1605. This replacement was performed on work order 00386554-02, and completed on 3-29-1998.

RR# 98-038, replace pipe and flange, 1.5"-CH-93-1502. This replacement was performed on work order 00389205-01, and completed on 5-15-1998.

RR# 98-039, replace flange fasteners, 1.5"-CH-93-1502. This replacement was performed on work order 00389205-02, and completed on 5-15-1998.

RR# 98-041, replace valve 1-RC-6. This replacement was performed on work order 00389419-01, and completed on 5-22-1998.

RR# 98-050, replace valve body 1-CH-280. This replacement was performed on work order 00385550-02, and completed on 10-27-1998.

RR# 98-057, replace valve 1-CS-MOV-102B. This replacement was performed on work order 00378524-03, and completed on 11-11-1998.

RR# 98-058, replace valve 1-CS-MOV-102A. This replacement was performed on work order 00345557-03, and completed on 11-10-1998.

RR# 98-059, replace valve 1-MS-182. This replacement was performed on work order 00371542-03, and completed on 11-2-1998.

RR# 98-060, replace valve 1-MS-178. This replacement was performed on work order 00371542-02, and completed on 11-2-1998.

RR# 98-061, replace valve 1-MS-176. This replacement was performed on work order 00371542-01, and completed on 11-2-1998.

RR# 98-062, replace valve stem 1-CH-HCV-1186. This replacement was performed on work order 00389563-01, and completed on 10-31-1998.

RR# 98-063, repair valve 1-CH-FCV-1114A. This repair was performed on work order 00364451-01, and completed on 11-3-1998.

RR# 98-067, replace trim assembly 1-CH-FCV-1160. This repair was performed on work order 00381710-01, and completed on 10-25-1998.

RR# 98-084, replace fasteners 1-RH-11. This repair was performed on work order 00389658-01, and completed on 11-2-1998.

RR# 98-086, overhaul valve 1-SI-243. This repair was performed on work order 00390395-01, and completed on 11-5-1998.

RR# 98-087, replace fasteners 1-SI-229. This repair was performed on work order 00362345-01, and completed on 11-2-1998.

RR# 98-088, replace fasteners 1-SI-228. This repair was performed on work order 00362346-01, and completed on 11-2-1998.

RR# 98-089, inspect/repair check valve 1-SI-147. This repair was performed on work order 00365453-01, and completed on 11-1-1998.

RR# 98-091, replace valve 1-RC-107. This replacement was performed on work order 00395654-01, and completed on 11-11-1998.

RR# 98-092, replace valve body 1-CH-280, 1-CH-1200A, B & C. This replacement was performed on work order 00378715-02, and completed on 11-3-1998.

RR# 98-093, replace valve 1-MS-196. This replacement was performed on work order 00263047-01, and completed on 11-20-1998.

RR# 98-094, Fabricate supports. This replacement was performed on work order 00378715-01, and completed on 11-04-1998.

RR# 98-097, replace trim set 1-MS-PVC-102A. This repair was performed on work order 00382372-01, and completed on 11-2-1998.

RR# 98-098, replace trim set 1-MS-PVC-102B. This repair was performed on work order 00382374-01, and completed on 11-2-1998.

RR# 98-101, replace fasteners 1-RC-SV-1551A. This repair was performed on work order 00381884-01, and completed on 11-14-1998.

RR# 98-102, replace fasteners 1-RC-SV-1551B. This repair was performed on work order 00381885-01, and completed on 11-08-1998.

RR# 98-103, replace fasteners 1-RC-SV-1551C. This repair was performed on work order 00381886-01, and completed on 11-08-1998

RR# 98-104, replace pipe 14"-WFPD-13-601. This replacement was performed on work order 00376326-07, and completed on 11-3-1998.

RR# 98-105, overhaul valve 1-RC-PCV-1456. This replacement was performed on work order 00365790-04, and completed on 10-31-1998.

RR# 98-106, replace valve bonnet 1-RC-TV-1519. This replacement was performed on work order 00384333-01, and completed on 11-11-1998.

RR# 98-107, replace pipe 12"-RH-19-602. This replacement was performed on work order 00391924-01, and completed on 11-5-1998.

RR# 98-112, cut and reinstall pipe 2"-CH-216-152. This replacement was performed on work order 00377092-01, and completed on 11-03-1998.

RR# 98-122, overhaul valve 1-CS-MOV-101A. This replacement was performed on work order 00365785-01, and completed on 11-5-1998.

RR# 98-131, repair thermowell 1-RC-P-1B. This repair was performed on work order 00386708-05, and completed on 10-31-1998.

RR# 98-132, inspect check valve 1-CS-127. This replacement was performed on work order 00381746-01, and completed on 10-29-1998.

RR# 98-133, install trunnion 1-WFPD-HSS-15 & 16. This replacement was performed on work order 00399355-01, and completed on 11-13-1998.

RR# 98-134, replace secondary manway bolts 1-RC-E-1B. This replacement was performed on work order 00380019-03, and completed on 11-3-1998.

RR# 98-135, overhaul valve 1-CH-HCV-1310A. This replacement was performed on work order 00399484-01, and completed on 11-6-1998.

RR# 98-138, replace valve 1-SI-185. This replacement was performed on work order 00362350-03, and completed on 11-6-1998.

RR# 98-140, replace relief valve 1-CH-RV-1203. This replacement was performed on work order 00384251-02, and completed on 11-3-1998.

RR# 98-143, replace fasteners 1-FW-61. This replacement was performed on work order 00399726-01, and completed on 11-3-1998.

RR# 98-144, replace cap fasteners 1-FW-62. This replacement was performed on work order 00399729-01, and completed on 11-3-1998.

RR# 98-145, replace handhole gasket 1-RC-E-1C. This replacement was performed on work order 00399072-01, and completed on 11-10-1998.

RR# 98-146, replace snubber 1-BD-MSS-10. This replacement was performed on work order 00384505-01, and completed on 11-6-1998.

RR# 98-147, replace snubber 1-RC-MSS-10C. This replacement was performed on work order 00384511-01, and completed on 11-6-1998.

RR# 98-150, replace fasteners 1-MS-SV-101A. This replacement was performed on work order 00381846-01, and completed on 11-14-1998.

RR# 98-151, replace fasteners 1-MS-SV-101B. This replacement was performed on work order 00397914-01, and completed on 11-14-1998.

RR# 98-152, replace fasteners 1-MS-SV-101C. This replacement was performed on work order 00381848-01, and completed on 11-14-1998.

RR# 98-153, replace inlet flange fasteners 1-MS-SV-102A. This replacement was performed on work order 00381849-01, and completed on 11-14-1998.

RR# 98-154, replace fasteners 1-MS-SV-102B. This replacement was performed on work order 00397915-01, and completed on 11-14-1998.

RR# 98-155, replace fasteners 1-MS-SV-102C. This replacement was performed on work order 00381851-01, and completed on 11-14-1998.

RR# 98-156, replace inlet flange fasteners 1-MS-SV-103A. This replacement was performed on work order 00381852-01, and completed on 11-14-1998.

RR# 98-157, replace fasteners 1-MS-SV-103B. This replacement was performed on work order 00397916-01, and completed on 11-14-1998.

RR# 98-158, replace fasteners 1-MS-SV-103C. This replacement was performed on work order 00381854-01, and completed on 11-14-1998.

RR# 98-159, replace inlet flange fasteners 1-MS-SV-104A. This replacement was performed on work order 00381855-01, and completed on 11-14-1998.

RR# 98-160, replace fasteners 1-MS-SV-104B. This replacement was performed on work order 00397917-01, and completed on 11-14-1998.

RR# 98-161, replace fasteners 1-MS-SV-104C. This replacement was performed on work order 00381857-01, and completed on 11-14-1998.

RR# 98-162, replace fasteners 1-MS-SV-105A. This replacement was performed on work order 00381858-01, and completed on 11-14-1998.

RR# 98-163, replace fasteners 1-MS-SV-105B. This replacement was performed on work order 00397918-01, and completed on 11-14-1998.

RR# 98-164, replace fasteners 1-MS-SV-105C. This replacement was performed on work order 00381860-01, and completed on 11-14-1998.

Attachment 2 Page 6 of 77 Serial No.: 99-038 Docket No.: 50-280

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

1.	Owner	Owner Virginia Electric and Power Co.			12/15/98 Date1					
	5000 Dominion	Name Blvd., Glen Allen	ı, Va. 23060		1 Sheeto	1				
	-	Address				1				
2	Plant_Surry P	ower Station		•	One Unit					
٠,	Name									
	5570 Hog Island Rd., Surry, Va. 23883				WO#00	WO#00378524-01, RR#97-235				
	Address				Repair Organization P.O. No., Job No., etc.					
3.	Work Performed by Name Same as above				Type Code Symbol Stamp					
					Expiration Date	NA	<u>-</u>			
		Address								
4.	Identification of Sy	stemContai	nment Spray							
				FF	NT 7s	N	I-1 through N-1	3		
5.		(a) Applicable Construction Code B31.1 19 55 Edition, NA Addenda, N-1 through N-13 Code								
	(b) Applicable Edit	ion of Section XI Uti	lized for Repairs	or Replacements	s 1989					
6.	Identification of Co	mponents Repaired o	or Replaced and R	leplacement Cor	nponents					
	-				<u> </u>		1			
				,		•		ASME		
							1	Code		
				National			Repaired,	Stamped		
	Name of	Name of	Manufacturer	Board	Other	Year	Replaced, or Replacement	(Yes or No)		
	Component	Manufacturer	Serial No.	No.	Identification	Built	Or Meplacement	0.110,		
					> m/15/98					
			,		В					
	3/4" Nuts	Mackson, Inc.	NA NA	NA NA	1-CS-MOV-102	NA ——NA	Replacement	No No		
	**- 1	BW/IP International	B138A-1-2	NA	1-CS-MOV-102#	·VA	Replacement	. No		
	Valve	International	BI36A-1-2		1 05 1101 1024					
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			L			/ /		_		
,	Description of Work		ce valve. Code	Case N-416-1	applies (Completed	11/16/9	98).			
•	Description of Work	`								
8.	Tests Conducted:	Hydrostatic Pn	eumatic 🔲 No	minal Operating	Pressure					
-•				Test Temp.						
			,,,,,,							
	NOTE: Supplemen	tal sheets in form of	lists, sketches, o	r drawings mav	be used, provided (1)	size is 8%	in. x 11 in., (2) i	nforma-		

PO" BNT-467650 (nuts), CNT-555934 (valve) Remarks
Applicable Manufacturer's Data Reports to be attached
·
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol StampNA
Type code symbol stamp
Certificate of Authorization No. NA Expiration Date NA
Signed Owner or Owner's Designee, Title 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 HSBI and I Co. of
Hartford, Ct. have inspected the components described in this Owner's Report during the period 12/2/97 to 12/21/95 and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
inspection,
Va. 883
Inspector's Signature Commissions National Board, State, Province, and Endorsements
Date

Attachment 2 Page 7 of 77 Serial No.: 99-038 Docket No.: 50-280

Docket No.: 50-280

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

=								
1.	Owner Virgin	ia Electric a	and Power C	o	Date_ 11/25/98	В		
••		Name						
	5000 Dominion	Blvd., Glen Aller	n, Va. 23060		Sheet1	of 1		
	Cironer I				0.00			
2.	Plant Surry	Power Station			Unit_One			
	5570 Hog Isla	nd Rd., Surry, Va.	. 23883				RR#98-017	
	_	Address			Repair Orga	nization f	O. No., Job No.,	etc.
3	Work Performed b	Virginia Power			Type Code Symbol	Stamp	NA	
	***************************************		Name		Authorization No			
					_			
		Same as above			Expiration Date	NA.		
		_						
4.	Identification of S	ystemSafety	/ Injection		_ 			
_	(a) Appliesble Cor	estruction Code B31	1 10	55 Edition	A	ddende	N-1 through N-1	Todo Coco
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	(b) Applicable Eqi	tion of Section XI Ut	ilized for Repairs	or Replacement	(\$ 19 <u>89</u>			
6.	Identification of C	omponents Repaired	or Replaced and F	Replacement Co	mponents			
_		,	,					
				National			Repaired,	ASME Code Stamped
	Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	(Yes
	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
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							<u>. L</u>	
L	Studs	Mackson, Inc.	NA	NA.	1-SI-MOV-1869A	NA.	Replacement.	No.
					'		-	
Ĺ	Nuts	Mackson, Inc.	NA	NANA	1-SI-MOV-1869A	NA	Replacement	No_
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7.	Description of Worl	C_Overhaul valve.			·			
								_
8.	Tests Conducted:	Hydrostatic Pr	eumatic 🗍 No	minal Operating	Pressure			
		Other Pressure	_	Test Temp				
		- 1101 L 11033016_	P31	100. 10mp	'			
						-i !- C**	:= 44 != <i>1</i> 6\ :	
	NOTE: Supplemen	ntal sheets in form of	ilists, sketches, o	or drawings may	be used, provided (1)	size is 8%	tiπ. X ItilN., (2) f d the number of f	niorma-
	recorded at the top		t is included on e	each sneet, and	(3) each sheet is num	IPELEG SU	u the number of s	oneets is
	recorded at the top	or this form.						

(12/82)

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

PO; Remarks	# BNT-467650 (studs), BN1	46/064	(nuts)		
		Applicable M	anufacturer's D	Data Reports to be a	attached	
•						
						
					•	
		CERTIFIC	CATE OF COM	PLIANCE		
We co	ertify that the statemen ection XI.	its made in the rep	ort are correct	and this <u>replacer</u> repair or re	ment conforms to eplacement	o the rules of the
Type Code Syr	nbol Stamp	NA			·	·
		•				Α
Certificate of A	Authorization No.	NA		Expiration Date	NA	
Signed A Work	er or Oyner's Designee,	SI ENGIN	need	Date	11/25	, 19 <u>_98</u>
		CERTIFICAT	TE OF INSERV	/ICE INSPECTION	 I	<u>. </u>
	ned, holding a valid com Virginia	and employed	the National Bo	pard of Boiler and HSBI an	Pressure Vessel Insperd I Co.	ctors and the State
	Hartford, Ct.	,	1-105		inspected the com	ponents described
	s Report during the pe		3/2/7	2to		, and state that
	my knowledge and beli	•	•		en corrective measure	es described in this
	t in accordance with the	•		•		ing the
	this certificate neither t and corrective measures	•				, -
•	in any manner for any p		•	•	•	• •
inspection.		4			<u>-</u>	
	Mai	· H~	,		7a. 883	
	Inspector's Signatur	JW	Commissions	·	d. 883 d, State, Province, and	1 Endorsements
	111000000. 0 0.0			114444444	1, 0:0:0, 1 (0:1	I Endergo
Date	12/9	1998				
-	 -	-				

Attachment 2 Page 8 of 77 Serial No.: 99-038

Docket No.: 50-280

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

5000 Dominio	Name	and Power C		Date 5/22/98			
	n Blvd., Glen Aller	n, Va. 23060		Sheet1	of1		·
Carenare	Address			0			
Plant_Surry	Power Station	· <u> </u>		Unit One			
5570 Hog Tal:	and Rd., Surry, Va	23883		WO#00365	452~01	RR#98-019	
	Address		·			2.O. No., Job No.,	etc.
Maria Danfarrandi	Virginia Power					NΔ	
Nork Periormed L	erformed by Name			Type Code Symbol Authorization No.			
	Same_as_above			Expiration Date			
	Address				ŊA		
dentification of S	SystemSafety	Injection					
		 .					
a) Applicable Co	nstruction CodeB31	119	55Edition,_1	NA	Addenda,_	N-1 through N-1	Code
b) Applicable Ed	ition of Section XI Ut	ilized for Repairs	or Replacements	1989		-	
						•	
dentification of C	Components Repaired	or Replaced and F	eplacement Com	ponents			
		,					
							AS
	***		National	7		Repaired.	Co Stan
Name of	Name of	Manufacturer	Board	Other	Year	Replaced	(Y
Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or I
•							
		· ·			 		
		Stock #		1 GT 145		7.5	١,
Diale	BW/IP		372				
Disk	BW/IP International	20501390	NA_	1-SI-145	NA_	Replacement	N-
Disk Studs			NA NA	1-SI-145 1-SI-145	NA NA		
	International	20501390		-		Replacement	
	International	20501390 NA		-			No No
Studs	International Mackson, Inc.	20501390 NA	NA	1-SI-145	NA	Replacement	Ne
Studs	International Mackson, Inc.	20501390 NA	NA	1-SI-145	NA	Replacement	Ne
Studs	International Mackson, Inc.	20501390 NA	NA	1-SI-145	NA	Replacement	Ne

(12/82)

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

Remarks		(disk), BNT-4	67650 (stud	s & nuts)		
		Applicab	le Manufacturer's D	ata Reports to be atta	ched	
						 -
					·	
·						
		CERT	IFICATE OF COM	PLIANCE		
	•	statements made in the	report are correct	and this <u>replaced</u> repair or replace		the rules of the
ASIVIE CO	de, Section XI.		±1		, ' ,	<i>"</i> ·
		NA	T.	ř		•
Type Cod	e Symbol Stamp	INT	`			, .en
Certificate	of Authorization N	NoNA		Expiration Date	NA	
Signed (Owner or Owner's I	Designee, Title	Luanier	Date	<u>, </u>	, 19 <u>98</u>
		CERTIFI	CATE OF INSERV	ICE INSPECTION	 .	
	ו מוזמיו //	valid commission issued	•	ucu and	sure Vessel Inspect	ors and the State
or Provinc	Hartion	and emplo	oyed by	· · · · · · · · · · · · · · · · · · ·	pected the comp	of onents described
in this O	wner's Report duri	ng the period	3/10/98	to5-/28/	· ·	_, and state that
	-	and belief, the Owner	·	f.,	corrective measures	described in this
	•	e with the requirements neither the Inspector		•	varessed or implie	d concerning the
		measures described in				
		for any personal injury	or property damag	e or a loss of any kind	arising from or co	nnected with this
inspection		~ - 				
	Inspector	muu _	Commissions		883	
	· inspectors	s Signature	,	National Board, St	ete, Province, and	Engorsements
Date	5/28	19.98				
	1	•				

Attachment 2 Page 9 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=			-=					
	Owner Virgin	ia Flactric :	and Dower (.	5/22/99			
1.	Owner VIIGIII	Name	TIG FOWEL C		Date 5/22/98			_
	5000 Dominion	Blvd., Glen Aller	n. Va. 23060		Sheet1	. 1		
		Address			Sheet	ot	<u> </u>	
2	Plant Surry P	ower Station			Unit_One			
۷.	riant	Name			Oint			
	5570 Hog Islan	nd Rd., Surry, Va	23883		WO#00365	790-01,	RR#98-020	
		Address			Repair Orga	enization P	.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power			Type Code Symbol	Stamp	NA	
			Name		Authorization No.	NA		
	s	ame as above			Expiration Date			
		Address						
4.	Identification of Sy	stemReacto	or Coolant					
	(a) Applicable Cons (b) Applicable Edit Identification of Co	ion of Section XI Ut	ilized for Repairs	or Replacements	19_89	.adenda,_	-	
	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)
ri	m Assembly (plug)	Copes-Vulcan	Part # 14 <u>1</u> 703	NA	1-RC-PCV-1456	NA	Replacement	No
			_	ominal Operating				
	NOTE: Supplement tion in items 1 thro recorded at the top		lists, sketches, o	or drawings may beach sheet, and (3	e used, provided (1) 3) each sheet is nur) size is 8½ nbered and	in. x 11 in., (2) id the number of s	nforma- heets is

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

9.	CNT-552053 Remarks
•	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the
	ASME Code, Section XI.
	- NA
	Type Code Symbol Stamp
	Certificate of Authorization No. NA Expiration Date NA Signed NA Date 5/22 , 19 8
	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 Hartford. Ct. and employed by
	have inspected the components described in this Owner's Report during the period 3/10/95 to 5/25/95 , and state that
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
	10. Saith va. 883
	Commissions National Board, State, Province, and Endorsements
	Date

Attachment 2 Page 10 of 77 Serial No.: 99-038 Docket No.: 50-280

Owner	wner Virginia Electric and Power Co.			Date					
EGGG Dominion	Blvd., Glen Aller			1	1.				
- JOOU DOMITHION	Address			Sheet o	f				
_ Surry P	ower Station			Unit_One					
PlantP	Name			Unit					
5570 Hog Islan	d Rd., Surry, Va.			WO#003683	01-01,	RR#98-021			
	Address			Repair Organ	nization F	.O. No., Job No.,	etc.		
Work Performed by	Virginia Power			Type Code Symbol:	Stamp	NA			
Work renomined by		Name		Authorization No.	NT7				
s	ame as above			Expiration Date					
	Address								
Identification of Sy	stemReacto	or Coolant							
	ion of Section XI Ut	ilized for Repairs	or Replacement		udenda,_		Code C		
		· · · · · · · · · · · · · · · · · · ·					,		
							ASME		
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	(Yes		
Component	Manufacturer	Serial No.	Board No.	Other Identification	Built	Replaced, or Replacement	Stampe (Yes or No)		
	Manufacturer	Serial No. Part # 141703	Board	Other		Replaced,	Stampe (Yes		
Component	Manufacturer	Serial No.	Board No.	Other Identification	Built	Replaced, or Replacement	Stampe (Yes or No		
Component	Manufacturer Copes-Vulcan	Serial No. Part # 141703 Part #	Board No.	Other Identification	Built	Replaced, or Replacement	Stampe (Yes or No		

9. Remarks	
Applicable Manufacturer's Data Reports to be attached	
	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this replacement repair or replacement. ASME Code, Section XI.	conforms to the rules of the t
Type Code Symbol StampNA	·
Certificate of Authorization NoExpiration Date	JA .
Signed Nowher's Designee, Title Date 5/22	, 19 <u>98</u>
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vor Province of Virginia and I Company and Example 2015 and I Company and I	Vessel Inspectors and the State
$\Pi \mathbf{G} \mathbf{L} \mathbf{L} \mathbf{L} \mathbf{U} \mathbf{L} \mathbf{U}$, $\mathbf{U} \mathbf{L}$.	d the components described
in this Owner's Report during the period 3/25/98 to 5/28/98	, and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken correct	tive 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, express	· · ·
examinations and corrective measures described in this Owner's Report. Furthermore, neither the shall be liable in any manner for any personal injury or property damage or a loss of any kind arising	•
inspection.	•
100 Va. 883	}
Commissions	rovince, and Endorsements
Date	

Attachment 2 Page 11 of 77 Serial No.: 99-038 Docket No.: 50-280

=								
1.	Owner Virgin	ia Electric a	and Power C	0.	Date 7/02/98			
	FOOD Deminish	Blvd., Glen Aller	- W- 02060		1	1		
	- SOUR DOMINION	Address	1, Va. 23060		Sheet1	of		
2	Plant Surry P	ower Station			Unit One			
۷.	r lant	Name			<u> </u>			
	5570 Hog Islar	nd Rd., Surry, Va	23883				RR#98-022	
		Address			Repair Orga	inization F	.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power	Name		Type Code Symbol	Stamp	NA	
					Authorization No.			
		Same as above Address			Expiration Date	NA NA	<u> </u>	
	Identification of Sy	etem Peach	or Coolant					
٠.	identification of Sy	stem	. coorant					
5.	(a) Applicable Con	struction CodeB31	1 19	55 Edition.	NA AN	ddenda.	N-1 through N-	¹€ode Case
٠.		ion of Section XI Ut						
	,-, , , ,							
6.	Identification of Co	mponents Repaired	or Replaced and R	eplacement Corr	ponents			
_		 	ı i			т		,
								ASME Code
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Stamped (Yes or No)
	Manway	Westinghouse	NA.	. NA	1-RC-E-2	NA.	Replaced	No.
	Studs	Westinghouse	Part # 1873E97H01	NA	1-RC-E-2	NA	Replaced	No
	Nuts	ASTRO Nuclear	Part # 1873E97H02	NA	1-RC-E-2	NA	Replaced	No
	·			,	·			
7.	Description of Work	Replace pressuri	zer manway.			,	· .	
8.				minal Operating Test Temp				
	NOTE: Supplemention in items 1 throrecorded at the top	tal sheets in form of ough 6 on this report of this form.	lists, sketches, or is included on ea	drawings may b ach sheet, and (3	e used, provided (1) i) each sheet is nun	size is 8½ nbered and	in. x 11 in., (2) i d the number of s	nforma- sheets is

PO# CNT-382243 (studs), CNT-537321 (nuts) 9. Remarks Applicable Manufacturer's Data Reports to be attached The manway was removed from an old replaced steam generator and installed on 1-RC-E-2. **CERTIFICATE OF COMPLIANCE** We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI. Type Code Symbol Stamp NA Certificate of Authorization No. Expiration Date 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 amplayed by or Province of. and employed by. Hartford, inspected the components described in this Owner's Report during the period. , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection, Va. 883 .Commissions National Board, State, Province, and Endorsements

Attachment 2 Page 12 of 77 Serial No.: 99-038 Docket No.: 50-280

=			=====					
	Virgini	ia Electric a	nd Power C	'o	6/5/00			
1. (Owner	Name	TIG FOWEL C		Date 6/5/98			
	5000 D		••		•	1		
		Blvd., Glen Allen	, Va. 23060		Sheet c	of		
		Address			_			
2. I	Plant_Surry P	ower Station			Unit_One			
		Name						
	5570 Hog Islan	nd Rd., Surry, Va.	23883		WO#003865	51-01,	RR#98-028	
-		Address			Repair Orga	nization P	.O. No., Job No.,	etc.
2 1	Nork Performed by	Virginia Power			Type Code Symbol	Stamp	NA	
<i>,</i> ,	NOIR I CHIOIIIICA DY		Name		Authorization No			
	a	same as above			Expiration Date			
-		Address		•	Expiration Date	NA		
		Co fot:	Todantian					
ł. I	dentification of Sy	stemSafety	injection	-				
		ion of Section XI Uti emponents Repaired o						
	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	Mackson, Inc.	NA	NA . ;·	1-SI-130	NA	Replaced	No
				-			,	
	escription of Work	Replace fasteners	3.		,			
. т		Hydrostatic Pne Other Pressure		minal Operating Test Temp.				
t	NOTE: Supplement ion in items 1 thro ecorded at the top	tal sheets in form of ough 6 on this report of this form.	lists, sketches, o is included on e	or drawings may be each sheet, and (3	e used, provided (1) 3) each sheet is num	size is 8½ bered and	in. x 11 in., (2) ind the number of s	nforma- heets is

Remarks_	BNT-467650
	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
ASIVIE CO	us, section XI.
True Cada	NA NA
Type Code	e Symbol Stamp
Signed (4)	of Authorization No. NA Expiration Date NA Owner or Givner's Designee, Title Expiration Date NA Date NA NA 19 58
	CERTIFICATE OF INSERVICE INSPECTION
I, the unde	ersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State e of
	have inspected the components described
	wher's Report during the period $3/24/98$ to $6/9/98$, and state that it of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	teport in accordance with the requirements of the ASME Code, Section XI.
	ning this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
examination	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
inspection	
	Commissions
	Inspector's Signature Commissions National Board, State, Province, and Endorsements
Date	6/9 1998

Attachment 2 Page 13 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=								
	771				F /00 /00			
1.	Owner Virgin	ia Electric a	ana Power C	.o.	Date 5/22/98			
		Name			1	7		
	5000 Dominion	Blvd., Glen Aller	1, Va. 23060		Sheet 1	of	····	
	Curry I	Power Station			One			
2.	PlantPlant	Name			Unit One			
	FEZO Mog Talo	nd Rd., Surry, Va.			MO#002682	01 - 01	RR#98-029	
	55/0 HOG ISIA	Address	. 23883				2.O. No., Job No.,	
		Virginia Power			Nepall Orga	mzation r	NA NA	etc.
3.	Work Performed by	Y	Name		Type Code Symbol	•		
			1401110		Authorization No			-
		Same as above Address			Expiration Date	NA		
			_					
4.	Identification of Sy	ystem Reacto	or Coolant					
_	/a\	nstruction CodeB31	1.1	55 Edialan	NA .	ddon-l-	N-1 through N-1	Pode C
5.						adenda,_		_Code Cas
	(b) Applicable Edi	tion of Section XI Ut	ilized for Repairs	or Replacements	1989			
_			Dami 5	3				
ь.	Identification of Co	omponents Repaired	or mepiaced and r	replacement con	iponents			
Γ			I					1
			ĺ					ASME
								Code
				National	·		Repaired,	Stamped
	Name of	Name of	Manufacturer	Board	Other	Year	Replaced, or Replacement	(Yes or No)
	Component	Manufacturer	Serial No.	No.	Identification	Built	Or replacement	0, 110,
								ł
	Studs & Nuts	Mackson, Inc.	NA	NА	1-RC-PCV-1455C	NA	Replacement	No
				-				
7.	Description of Worl	Repair valve.						
	Tests Conducted:	Hydrostatic Pn	eumatic 🔲 No	minal Operating	Pressure			
8.				Test Temp	°F			
8.		Other Pressure_	psi	rest remp	 '			
8.		Other Pressure_	psi	rest remp	 •			
	NOTE: Supplemer	mtal sheets in form of	· lists, sketches, o	r drawings may b	e used, provided (1)	size is 8½	in. x 11 in., (2) i	nforma-
	NOTE: Supplemention in items 1 threcorded at the top	ntal sheets in form of ough 6 on this report	· lists, sketches, o	r drawings may b	e used, provided (1)	size is 8½ bered an	in. x 11 in., (2) i d the number of:	nforma- sheets is

(12/82)

Remarks	CNT-467650
_	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ode, Section XI.
Type Code	de Symbol StampNA
Signed &	te of Authorization No. NA Expiration Date NA Owner or Owner's Designee, Title
-	CERTIFICATE OF INSERVICE INSPECTION
I, the und	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Virginia and employed by HSBI and I Co.
in this Ov	Hartford, Cthave inspected the components describe tweer's Report during the period, and state the
to the bes	est of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in th
Owner's R	Report in accordance with the requirements of the ASME Code, Section XI.
examination	oning this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the concern
inspection	iable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with th
	" Va. 883
	Commissions National Board, State, Province, and Endorsements
Date.	5-/2-619.98

Attachment 2 Page 14 of 77 Serial No.: 99-038 Docket No.: 50-280

Virai	nia Electric a	and Power (' O	4/14/98			
1. Owner vilgi	Name	and rower e		Date 4/14/98	 		
5000 Dominio	on Blvd., Glen Alle	n, Va. 23060		Sheet 0	. 1		
	Address			SileetC	''		
2. PlantSurry	Power Station	1		Unit One			
	Name		-				
5570 Hog Isl	and Rd., Surry, Va	. 23883			· ·	RR#98-030	
	Address Virginia Power			Repair Orga	nization P	.O. No., Job No.,	etc.
3. Work Performed	by	Name		Type Code Symbol			
	Come on about			Authorization No			
	Same as above Address			Expiration Date	ŊA		
4 Identification of	SystemResid	ual Heat Remova	ıl				
, , , , , , , , , , , , , , , , , , , ,	<u></u>						
i (a) Annlicable Co	onstruction CodeB3	1.1	55 Edition	NA .	ddenda. 1	N-1 through N-1	Code Cas
	dition of Section XI Ut						_0000 0
(5) / (5)							
6. Identification of	Components Repaired	or Replaced and F	Replacement Cor	nponents		,	
·	*	T	ī			Y	,
							ASME
•	,						Code
			National			Repaired,	Stamped
Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	(Yes
Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
	Energy &						
Sockolet	Process Corp.	Ht. #171YNA		12"-RH-19-602	NA	Replacement	No
	Edgecomb						
Plug	Metals Co.	NA -		12"-RH-19-602	NA	Replacement	No
	-	 				-	
	· · · · · · · · · · · · · · · · · · ·	<u> </u>				 	
•	ii.]					
					-		
Description of Wo	ork Repair through wa	all leak. Code	Case N-416-1	applies.			
, 2000.151.01.01.01				-			
. Tests Conducted:	Hydrostatic Pr	neumatic 🔲 No	minal Operating	Pressure X			
	Other Pressure_						
	_			•			
NOTE: Suppleme	ental sheets in form of	f lists, sketches, o	r drawings may	be used, provided (1)	size is 8½	in. x 11 in., (2) i	nforma-
	hrough 6 on this repor	t is included on a	each sheet, and (3) each sheet is num	bered and	d the number of s	sneets is
recorded at the to		t is microaed on t	acii şiicet, alia (o, sach andet is hum			

Remarks	O # CNT5637	67 (sockolet ————	:), 43088 (<u>լ</u> —	plug)
	_	Applicable !	Manufacturer's Da	ta Reports to be attached
		CERTIE	ICATE OF COMP	I IANCE
We ce	ertify that the staten			nd this <u>replacement</u> conforms to the rules of the
ASME Code, Se			•	repair or replacement
		,		
Type Code Sym	hal Stamp	NA		
Type Code Sym	DOI STAMP			
Certificate of A	uthorization No	AN	E	expiration DateNA
Signed	for Owner's Besigned	ISI EMGIL BE, Title	IEN	
			TE OF INSERVIO	
I, the undersigned	ed, holding a valid c Virginia	ommission issued by	y the National Boa	ard of Boiler and Pressure Vessel Inspectors and the Star
or Province OT_	Hartford, C	t. and employed	d by	have inspected the components describe
in this Owner's	Report during the	period	3/05/9	To 7/15/95 , and state the
	-	·		minations and taken corrective measures described in th
Owner's Report	in accordance with	the requirements of	the ASME Code,	Section XI.
By signing th	nis certificate neithe	er the Inspector noi	r his employer ma	akes any warranty, expressed or implied, concerning the
				rt. Furthermore, neither the Inspector nor his employ
	n any manner for an	y personal injury or	r property damage	or a loss of any kind arising from or connected with th
inspection.		= 17		
	Lala. W	mw_	Commissions _	
	Inspector's Signa	iture		National Board, State, Province, and Endorsements
Date	4/15	19.98		

Attachment 2 Page 15 of 77 Serial No.: 99-038 Docket No.: 50-280

	Owner	la Electric a	ind Power C		Date 5/22/98			
	E000 Deminion	Blvd., Glen Allen	•		1	1		
		Address	., va. 23060		Sheet1	of		
	_ Surry P	ower Station			One			
	Plant	Name			UnitOne			
	5570 Hog Islan	d Rd., Surry, Va.	23883		WO#00386	554-02,	RR#98-032	
•		Address				<u>·</u>	.O. No., Job No.,	etc.
	Work Performed by	Virginia Power			Type Code Symbol	Ctomp	NA	
	MOIK FEITOITHEG DY		Name		Authorization No.	•		
	s	ame as above			Expiration Date			
•		Address		· · · · · · · · · · · · · · · · · · ·				
	Identification of Sy	stemResidu	al Heat Remova	al				
	Identification of Co	mponents Repaired o	or Replaced and F	Replacément Com	nponents	ī	·	
•	Name of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASM Cod Stamp (Ye
	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No
•	Studs & Nuts	Mackson, Inc.	NA	NA	1-RH-FE-1605	NA	Replacement	No
-	Description of Work	Replace fastener	_		Pressure	<u> </u>		

Remarks	BNT-467650
	Applicable Manufacturer's Data Reports to be attached
_	
-	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this replacement conforms to the rules of the
ASME Co	ode, Section XI.
Type Cod	le Symbol StampNA
	NA PARAMETER NA
/	e of Authorization NoExpiration Date
Signed_(Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
I, the und	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State ce of Virginia and employed by HSBI and I Co. of
in this O	Hartford, Ct. have inspected the components described wher's Report during the period $\frac{3/26/9\%}{to}$ to $\frac{5/2\%}{9\%}$, and state that
	st of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's F	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
	ions and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
inspection	iable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
mspection	
	Commissions Va. 883
	Inspector's Signature National Board, State, Province, and Endorsements
D-4-	5/28 1998
Date	

Attachment 2 Page 16 of 77 Serial No.: 99-038 Docket No.: 50-280

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

389205-01, Organization nbol Stamp _ NoNA	RR#98-038 P.O. No., Job No., NA N-1 through N-1	etc.
389205-01, Organization nbol Stamp _ NoNA	RR#98-038 P.O. No., Job No., NA	etc.
Organization nbol Stamp _ NoNA nbol NA	P.O. No., Job No., NA	
Organization nbol Stamp _ NoNA nbol NA	P.O. No., Job No., NA	
Organization nbol Stamp _ NoNA nbol NA	P.O. No., Job No., NA	
nbol Stamp _ NoNA BNA	NA	
No. NA		
No. NA		
e NA		
		Code (
Addenda,	N-1 through N-1	Code (
Addenda	N-1 through N-1	. <mark>C</mark> ode (
İ		ASM
		Code
Year	Repaired, Replaced,	Stamp (Yes
1		or No
02 NA	Replaced	No
02 NA	Replaced	No
0	2 NA	2 NA Replaced

(12/82)

NS-31551 (pipe	.), CNT-570213	(Ilange)		
	Applicable Ma	anufacturer's Data Re	eports to be attached	
		· · · · · · · · · · · · · · · · · · ·	<u> </u>	
•	,			
	CERTIFIC	ATE OF COMPLIAN		
We certify that the state ASME Code, Section XI.	nents made in the repo	ort are correct and th	is replacement confor repair or replacement	ms to the rules of the
Type Code Symbol Stamp	NA	_	· · · · · · · · · · · · · · · · · · ·	· · ·
Certificate of Authorization No.	NA	Expira	ation DateNA	
Signed W. H. Hosels Owner or Owner's Design	TST ENGIN	<i>PE20</i> D	ate 6/16	, 19_ <i>98</i>
	CERTIFICAT	E OF INSERVICE IN	NSPECTION	
I, the undersigned, holding a valid or Province of Unginia	commission issued by t	the National Board of	f Boiler and Pressure Vessel I HSBI and I Co.	nspectors and the State
Hartford, (t.			components described
in this Owner's Report during th	period	5/12/98	to 6/23/98	, and state that
to the best of my knowledge and	•	•		asures described in this
Owner's Report in accordance with	•	•		
By signing this certificate neith	•		• • • •	
examinations and corrective meas shall be liable in any manner for a		•		
inspection.	.,, possessan ,,,,,,,, ,, p	,,		
20.50	utt	_ Commissions	Va. 883	
Inspector's Sign	ature ·		tional Board, State, Province	, and Endorsements
Date6/2	3 ₁₉ 98	· *		
/			•	

Attachment 2 Page 17 of 77 Serial No.: 99-038 Docket No.: 50-280

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1.	Owner_Virgin	ia Electric a	and Power C	o.	Date 9/25/98			
•••		Name	'					
	5000 Dominion	Blvd., Glen Aller	ı, Va. 23060		Sheet c	, 1		
		Address			SusetC)1		
_	_ Surry P	ower Station			Unit One			
2.	PlantP	Name			Unit			
	5570 Hog Islar	nd Rd., Surry, Va.	23883		WO#003892	05-02.	RR#98-039	
		Address				·	2.O. No., Job No.,	
		Virginia Power			riopan Oiga	111241101111	NA	atc.
3.	Work Performed by	/	Name		Type Code Symbol			
					Authorization No	NA		
		Same as above		_	Expiration Date	NA		
	,	Address						
4.	Identification of Sy	/stemChargi	ng					
	•							
6.		omponents Repaired		·		-		,
	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)
	1 " Studs	Mackson, Inc.	NA	NA.	1.50-CH-93-1502	NA .	Replacement	No
	1 " Nuts	Mackson, Inc.	NA.	NA.	1.50-CH-93-1502	NA.	Replacement	No
		Mackboll, 1110.			2.30 011 33 1302	1425	Repracement	110
-					†		 	
					+			
							İ	
<u></u>		<u> </u>	L				<u> </u>	L
7.	Description of Work	Replace flange f	asteners.	· · · · · · · · · · · · · · · · · · ·				
8.	Tests Conducted:	•	eumatic No	ominal Operating Test Temp.				
	NOTE: Supplemention in items 1 throrecorded at the top	ough 6 on this report	lists, sketches, o	or drawings may each sheet, and	be used, provided (1) (3) each sheet is num	size is 8½ abered an	in. x 11 in., (2) id the number of s	nforma- sheets is

·	Applicable	Manufacturer's	Data Report	ts to be attached	
	Applicable	Manuracturer s	Data Neport	is to be attached	•
	•				
				•	
			 	·	
				•	
	CERTIE	ICATE OF CO	MPI IANCE		
We certify that the statements m	_			eplacement conf	orms to the rules of the
ASME Code, Section XI.			rep	air or replacement	51115 to j.115 12150 51 till
		٠		•	
•					• •
Type Code Symbol StampN	<u>4</u>				
	7 .			27.7	
Certificate of Authorization NoN	<u>A</u>		_Expiration	DateNA	
() 0 0	_	hiveel		2/2-	20/
Owner or Owner's Designee, Title	- ENO	RIVEER	Date _	7/ 25	, 19 <i>\$</i>
					
	CERTIFIC!	ATE OF INSER	VICE INSPE	CTION	·
the undersigned bolding a volid commiss	::	u aha Naatanal	Donal of Dat	llan and Duanning Massa	I Inchectore and the Sta
or Province of Virginia	nd employe	ed by	HSB	I and I Co.	
Hartford, Ct.		,			e components describ
in this Owner's Report during the period		5/13	98 to_	9/29/98	, and state th
to the best of my knowledge and belief, t	he Owner h	as performed e	xaminations	and taken corrective r	•
Owner's Report in accordance with the req	uirements of	f the ASME Co	de, Section X	KI.	
By signing this certificate neither the I	nspector no	r his employer	makes any v	warranty, expressed o	r implied, concerning t
examinations and corrective measures des	-	* .*	- · ·		• •
shall be liable in any manner for any perso			-	· ·	
inspection.	,				
10 Const	′ ~			Va. 883	
Inspector's Signature		Commissio			
i nspector's Signature			Nationa	ai Board, State, Provin	ce, and Endorsements
alsal	2Ć				

Attachment 2 Page 18 of 77 Serial No.: 99-038 Docket No.: 50-280

. Owner Virgi	nia Electric a	and Power Co). <u> </u>	Date 7/06/98			
5000 Domini	on Blvd., Glen Alle	n, Va. 23060		Sheet 1 c	_{of} 1		
	Address	<u> </u>		Sneet	JI		
Plant Surry	Power Station	<u>.</u>		Unit One			
	Name						-
5570 Hog Is	land Rd., Surry, Va	. 23883			<u>·</u>	RR#98-041	
	Address			Repair Orga	nization F	P.O. No., Job No.,	etc.
Work Performed	by Virginia Power	Name		Type Code Symbol	•		
				Authorization No			
	Same as above Address			Expiration Date	NA		_
Identification of	System Reacte	or Coolant					
	Components Repaired						
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe (Yes or No)
Pipe	Energy & Process Corp.	Ht. # K31696	NA.	1-RC-6	NA.	Replaced	No.
	Dubose Nat.	Ht. Code RW					
Elbow	Energy Serv.	Ht. # 39125	NA	1-RC-6	NA	Replaced	No
Valve	Edwards Valves	S. O. # 36-21332	NA	1-RC-6	NA	Replaced	No
							-
Description of Wo	ork Replace valve. (Code Case N-416-	1 applies.				
Tests Conducted:	Hydrostatic Pr Other Pressure_	neumatic Nom					
							nforma-

PO# Remarks	CNT-487834 (pipe), CNT-567357 (elbow),
	. Applicable Manufacturer's Data Reports to be attached T-351707 (valve)
<u>. </u>	
	
	CERTIFICATE OF COMPLIANCE
We ce	rtify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Sym	bol StampNA
Certificate of A	uthorization No. NA Expiration Date NA
Signed A Owner	or Winer's Designee, Title Date: 2/6 ,19 98
	CERTIFICATE OF INSERVICE INSPECTION
I, the undersign	ed, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta Virginia HSBI and I CO.
or Province of_	Hartiora, Ct.
in this Owner's	Report during the period $\frac{5/30/98}{}$ to $\frac{7/39/98}{}$ and state the
	ny knowledge and belief, the Owner has performed examinations and taken corrective measures described in the
Owner's Report	in accordance with the requirements of the ASME Code, Section XI.
By signing t	nis certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning t
	d corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ
inspection.	any manner for any personal injury or property damage or a loss of any kind arising from or connected with the
mapection,	700 Th. Va. 883
	Commissions
	Inspector's Signature National Board, State, Province, and Endorsements
Data	7/29 10 98
Date	

Attachment 2 Page 19 of 77 Serial No.: 99-038 Docket No.: 50-280

. Owner Virgin	nia Electric a	ind Power C	0.	Date 12/1/98					
5000 Dominion	n Blvd., Glen Allen	. Va. 23060		Sheet1	. 1				
	Address			Sneet	ot				
Plant Surry	Power Station			Unit_One					
	Name		·	TOP	£50-67	P I) 12/17/98 RR#98- 092 OSO			
5570 Hog Isla	and Rd., Surry, Va.	23883							
	Address			Repair Orga	anization F	.O. No., Job No.,	etc.		
Work Performed b	Virginia Power	Name		Type Code Symbol StampNA					
		IVAMO		Authorization No.	NA				
	Same as above Address			Expiration Date	NA				
Identification of S	SystemChargi	ng							
	lition of Section XI Uti	·	•		,	,	,		
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe (Yes or No)		
Valve	Edward Valves	Part # -2605044	NA.	1-CH-280	NA	Replacement	No.		
2" Elbow	Energy & Process Corp.	Ht. # 46188	5 NA	1-CH-280	NA	Replacement	No		
2" Pipe	Energy & Process Corp.	Ht. # 43137	7 NA	1-CH-280	NA	Replacement	No		
Description of Wor Tests Conducted:	· —	eumatic No	minal Operating l	Pressure 🔀					
NOTE: Suppleme tion in items 1 th recorded at the top	ental sheets in form of rough 6 on this report	lists, sketches, or	r drawings may b	e used, provided (1)	size is 8½ nbered an	in. x 11 in., (2) i d the number of s	nforma- sheets is		

9.	Remarks		CNT-5	71625	(valve),	CNT-4	87834	(pipe)	, Ci	NT-574420	
			bow)		Applica	ble Manuf	acturer's I	Data Report	ts to	be attached	
		,	• •	N = 1,1 T				•			-
					CER	TIFICATI	OF CON	PLIANCE			
	ASME Co			he stateme	ents made in t	he report a	re correct			acement conforms to the rules of preplacement	the
	Type Cod	e Symb	ol Stamp.		NA						
	Certificate	()- i	Plan	n Nos	NA TST	En6	insk	_Expiration	n Dat	neNA	<u>~</u>
					CERTI	ICATE O	F INSER\	/ICE INSPE	ECTI	ON	
	or Provinc	e of	Virgin Hartfo	a valid co ia rd, Ct	and emp	ed by the floyed by_	National B	HSI	BI ——	and Pressure Vessel Inspectors and the and I Co. ave inspected the components desc	of ribed
	to the bes	st of m	y knowled	ige and be	lief, the Own	er has peri	formed ex	aminations		taken corrective measures described in	
	Owner's F	Report i	n accorda	nce with t	he requiremen	ts of the A	SME Cod	e, Section 2	XI.		
	examinati	ons and able in	d correcti	ve measur	es described	n this Ow	ner's Rep	ort. Furth	ermo	anty, expressed or implied, concernin ore, neither the Inspector nor his emp ny kind arising from or connected with	loyer
			Inspecto	or's Signati	mtt ure	Co	mmission	SNation	nal Bo	Va. 883 pard, State, Province, and Endorsemen	ts
ľ	Date		13	18	19 98	- -					

Attachment 2 Page 20 of 77 Serial No.: 99-038 Docket No.: 50-280

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

Address 2. Plant Surry Power Station Un Name 5570 Hog Island Rd., Surry, Va. 23883 Address 3. Work Performed by Virginia Power Address 4. Identification of System Containment Spray 5. (a) Applicable Construction Code B31.1 19 55 Edition, NA (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Compored Filogram Pipe Supply NA NA 1-6" Pipe HUB, Inc. NA NA 1-6" Flange Consolidated Power Supply NA NA 1-6" Tee Energy Services NA NA 1-2" Elbow Frishkorn, Inc. NA NA 1-2" Elbow Frishkorn, Inc. NA NA 1-2" Elbow Frishkorn, Inc. NA NA 1-2" Elbow Frishkorn, Inc. NA NA 1-2" Elbow Frishkorn, Inc. NA NA 1-	5		Name								
Address 2. Plant Surry Power Station Un Name 5570 Hog Island Rd., Surry, Va. 23883 Address 3. Work Performed by Virginia Power Address 4. Identification of System Containment Spray 5. (a) Applicable Construction Code B31.1 19 55 Edition, NA (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Component Repaired or Replaced and Replacement Component Picoga Pipe Supply NA NA 1-6" Pipe HUB, Inc. NA NA 1-6" Flange Consolidated Power Supply NA NA 1-6" Tee Energy Services NA NA 1-2" Elbow Frishkorn, Inc. NA NA 1-2" Elbow Frishkorn, Inc. NA NA 1-2" Elbow Frishkorn, Inc. NA NA 1-2" Elbow Frishkorn, Inc. NA NA 1-2" Elbow Frishkorn, Inc. NA NA 1-		000 Dominion	Blvd., Glen Allen	, Va. 23060	7	Sheet	1	of	2		
Name 5570 Hog Island Rd., Surry, Va. 23883 Address 3. Work Performed by Virginia Power Same as above Address 4. Identification of System Containment Spray 5. (a) Applicable Construction Code B31.1 19 55 Edition, NA (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 6. Identification of Components Repaired or Replaced and Replacement Compored Manufacturer Serial No. Tioga Pipe Supply NA NA 1- 6" Pipe HUB, Inc. NA NA 1- 6" Flange Consolidated Power Supply NA NA 1- 6" Tee Energy Services NA NA 1- 2" Elbow Frishkorn, Inc. NA NA 1-			Address					UI			
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Name of Components Repaired or Replaced and Replacement Compore Tioga Pipe Supply Na Na 1- 6" Pipe HUB, Inc. NA NA 1- 6" Flange Consolidated Power Supply NA NA 1- Consolidated Power Supply NA NA 1-	5	570 Hog Islar	<u>_</u>	23883						03, RR#98-057	
Name of Component High Pipe Supply NA NA 1- 6" Pipe HUB, Inc. NA NA 1- 6" Tee Dubose National Energy Services NA NA 1- 2" Elbow Frishkorn, Inc. NA NA 1- 2" Elbow Frishkorn, Inc. NA NA 1-						R	epair Org	aniza	tion P	.O. No., Job No.,	etc.
Name of Components Repaired or Replaced and Replacement Component Fioga Pipe Supply NA NA 1- Consolidated Power Supply NA NA 1- Consolidated Power Supply NA NA 1- Consolidated Power Supply NA NA 1- Consolidated Energy Services NA NA 1- Z" Elbow Frishkorn, Inc. NA NA 1-	rl	k Performed by	Virginia Power	NI		Type Cod	-			NA ·	
Name of Components Repaired or Replaced and Replacement Component Tioga Pipe Supply NA NA 1- 6" Flange Consolidated Power Supply NA NA 1- Dubose National Energy Services NA NA 1- 2" Elbow Frishkorn, Inc. NA NA 1-				ivame		Authoriza	ition No.		NA		
Identification of System	_					Expiratio	n Date_		NA.		
. (a) Applicable Construction Code B31.1 19 55 Edition, NA (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19. Identification of Components Repaired or Replaced and Replacement Component Component Manufacturer Serial No. 6" Elbow Pipe Supply NA NA 1- 6" Pipe HUB, Inc. NA NA 1- 6" Flange Consolidated Power Supply NA NA 1- 6" Tee Dubose National Energy Services NA NA 1- 2" Elbow Frishkorn, Inc. NA NA 1-											
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19. Identification of Components Repaired or Replaced and Replacement Component Name of Manufacturer Serial No. 6" Elbow Pipe Supply NA NA 1- 6" Pipe HUB, Inc. NA NA 1- 6" Flange Consolidated Power Supply NA NA 1- 6" Tee Dubose National Energy Services NA NA 1- 2" Elbow Frishkorn, Inc. NA NA 1-	n	tification of Sy	stem Contai	nment Spray						. —	
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Name of Name of Manufacturer Serial No. 6" Elbow Pipe Supply NA NA 1- 6" Flange Consolidated Power Supply NA NA 1- 6" Tee Dubose National Energy Services NA NA 1- 2" Elbow Frishkorn, Inc. NA NA 1-					-			Aude	iua,		-code Cas
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Name of Component Manufacturer Serial No. 6" Elbow Pipe Supply NA NA 1- 6" Pipe HUB, Inc. NA NA 1- 6" Flange Consolidated Power Supply NA NA 1- Dubose National Energy Services NA NA 1- 2" Elbow Frishkorn, Inc. NA NA 1-		•		•					`	Repaired.	Code Stamped
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6" Pipe HUB, Inc. NA NA 1- Consolidated Power Supply NA NA 1- Dubose National Energy Services NA NA 1- 2" Elbow Frishkorn, Inc. NA NA 1-	۲,	/ Rlhow		AN	N/A	1-CS-MC	W-102B		NA	Replacement	No
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6" Flange Power Supply NA NA 1- Dubose National Energy Services NA NA 1- 2" Elbow Frishkorn, Inc. NA NA 1-	e	" Pipe	HUB, Inc.	NA	AN	1-CS-MC	V-102B		NA	Replacement	1
6" Flange Power Supply NA NA 1- Dubose National Energy Services NA NA 1- 2" Elbow Frishkorn, Inc. NA NA 1-	_	 	Consolidated			<u> </u>		-		 	
6" Tee Energy Services NA NA 1- 2" Elbow Frishkorn, Inc. NA NA 1-	61	' Flange		NA	AN	1-CS-MC	V-102B		NA	Replacement	No
2" Elbow Frishkorn, Inc. NA NA 1-	-		Dubose National		-						
	e	5" Tee	Energy Services	NA	NA	1-CS-MC	V-102B		NA	Replacement	No
	- I		Park alakanan Tara	N72	277	1 00 110		+-	177	Dania nama	NT-
2" Elbow Frishkorn, Inc. NA NA 1-	2"	KIDOW	Frishkorn, inc.	NA .	NA.	1-CS-MC	V-102B		NA	Replacement	No No
2" Elbow Frishkorn, Inc. NA NA 1-						 	,				-
	2 !	Elbow	Frishkorn, Inc.	NA	AN	1-CS-MC	V-102B		NA	Replacement	No
			ļL			<u> </u>				-	-
Description of Work Replace valve. Code Case N-416-applie	sc	ription of Work	Replac	e valve. Code	Case N-416-ap	plies (Co	mpleted	11/	11/98).	
	_		•						-		-
Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pres	ts	Conducted:	Hydrostatic Pne	eumatic No	minal Operating	Pressure F	X				
Other Pressure psi Test Temp.							_°F				

tion 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.

9.	PO # CNT-525150, CNT-447334, CNT-563651, CNT-558834,	
٠.	Applicable Manufacturer's Data Reports to be attached SSY-347633, CSY-341372	
		:
	CERTIFICATE OF COMPLIANCE	
	We certify that the statements made in the report are correct and this <u>replacement</u> con ASME Code, Section XI. repair or replacement	nforms to the rules of the
	Type Code Symbol StampNA	· · · · · · · · · · · · · · · · · · ·
	Certificate of Authorization No. NA Expiration Date NA Signed L. Local ISI English Date Date Owner or Owner's Designee, Title	, 19 <i>29</i> /
—	CERTIFICATE OF INSERVICE INSPECTION	
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessor Province of Virginia and employed by HSBI and I Co. Hartford, Ct.	sel Inspectors and the State
	in this Owner's Report during the period 9/8/8 to 12/7/8	the components described, and state that
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective Owner's Report in accordance with the requirements of the ASME Code, Section XI.	measures described in this
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed of examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inshall be liable in any manner for any personal injury or property damage or a loss of any kind arising fraction.	Inspector nor his employer
	Commissions Va. 883 Inspector's Signature Commissions National Board, State, Provi	ince, and Endorsements
	Date	

Attachment 2 Page 21 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=								
•	Virgir	nia Electric	and Power C	co.	Date12/3/98			
١.	Owner	Date	<u> </u>	-				
	5000 Dominion	n Blvd., Glen Alle	n, Va. 23060		Sheet 2 o	. 2		
	÷ 	Address			Sneet 0			
2	Plant_Surry	Power Station	n	One				
۷.	Fiant	Name		-	Unit			
	5570 Hog Isla	and Rd., Surry, Va	ı. 23883		WO#0	0378524-	03, RR#98-057	
		Address					O. No., Job No.,	etc.
_	Work Performed b	Virginia Power					NA	
ა.	Work Performed b	Υ	Name	-	Type Code Symbol	-		-
					Authorization No		·	
		Same as above Address			Expiration Date	NA		
4.	Identification of S	ystemConta	inment Spray					
	(b) Applicable Edi	nstruction Code B3 ition of Section XI Ut components Repaired	tilized for Repairs	or Replacement	s 19 <u>89</u>			
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	2" Elbow	HUB, Inc.	NA	NA	1-CS-MOV-102B	NA	Replacement	No
		_						
7.	Description of Wor	rkRepla	ce valve. Code	Case N-416-ap	oplies (Completed	11/11/98	3).	
8.	Tests Conducted:	Hydrostatic P						

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.

PO # CS1-191376	
Applicable Manufacturer's Data Reports to be attached	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the	ne
ASME Code, Section XI. repair or replacement	
Type Code Symbol StampNA	—
Cartificate of Authorization No. NA Expiration Data NA	
Certificate of Authorization No. NA Expiration Date NA	_
Signed W. L. Lycer ISI ENGINEER Date 12/3 1998	_
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 S	
or Province of Virginia and employed by HSBI and I Co.	_of
maye inspected the components descri	
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in	this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning	
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed by liable in any manner for any personal injury or property demand on a local form by liable in any manner for any personal injury or property demand on a local form by liable in any manner for any personal injury or property demand on a local form of contractions.	•
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,	this
inspection.	
CommissionsVa. 883	
Inspector's Signature National Board, State, Province, and Endorsements	<u> </u>
1 ~~	
Date	

Attachment 2 Page 22 of 77 Serial No.: 99-038

Docket No.: 50-280

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

_												
_	- Virgini	ia Electric a	and Power (Co.	Date12/3/98		-					
1.	Owner	Name			Date							
	5000 Dominion		1	. 2								
		Address	1, va. 23060		Sheeto	f		-				
	Current D				Ono							
2.	Plant_Surry P	ower Station	· .		Unit One							
	_											
	5570 Hog Islan	d Rd., Surry, Va	. 23883		WO#00345557-03, RR#98-058							
		Address			Repair Orgai	nization P	.O. No., Job No.,	etc.				
3.	Work Performed by	Virginia Power			Type Code Symbol	Stamp	NA 					
			Name		Authorization No	NA						
	s	Same as above			Expiration Date							
		Address										
4.	Identification of Sys	stem Conta:	inment Sprav									
••	,					_						
5	(a) Applicable Cons	struction Code B3:	1.1 19	55 Edition	NA A	ddenda N	I-1 through N-1	Code Case				
٠.		ion of Section XI Uti										
	(b) Applicable Eulti	ion or section X1 or	inzed for repairs	or replacement	3 1389							
_	Tale and the second	B	Danie									
ь.	Identification of Co	mponents Repaired	or Replaced and F	Replacement Cor	nponents							
г		 	1		· · · · · · · · · · · · · · · · · · ·							
								ASME				
	,	}						Code				
				National			Repaired,	Stamped				
	Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	(Yes				
	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)				
	6" Pipe	HUB, Inc.	AN	NA.	1-CS-MOV-102A	NA	Replacement	No				
⊬							-	ļ <u>.</u>				
	6" Elbow	Tioga Pipe Supply	NA	NA	1-CS-MOV-102A	NA	Replacement	No				
L												
	6" Flange	Consolidated Power Supply	NA.	NA	1-CS-MOV-102A	NA	Replacement	No				
L												
	2" Branch	Energy & Process Corp.	NA.	NA.	1-CS-MOV-102A	NA	Replacement	No				
	2 Dianen	_	1122		2 05 1101 20211		Nop2doomons					
	2" Elbow	Consolidated Power Supply	NA	NA.	1-CS-MOV-102A	NA.	Replacement	No				
	Z HIDOW	lower bappiy	1122	1	2 05 1101 2021		nop2doomotio					
—		Consolidated						***				
	2" Pipe	Power Supply	NA	AN	1-CS-MOV-102A	NA	Replacement	No				
Щ					<u> </u>							
		Penla	abor evievas	Cage N-416-ar	oplies (Completed1	1 /10 /98\						
7.	Description of Work		vaive. Code	Case M-410-aF		-//	•					
					_							
8.	Tests Conducted:	Hydrostatic Pr	eumatic 🔲 No	ominal 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.

	PO # CNT-447334, CNT-525150, CNT-563251, CNT-563767,
9. Remarks	
	Applicable Manufacturer's Data Reports to be attached
	SSY-355986, CNT-540879
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the
ASME (content and this statements made in the report are correct and this comorms to the rules of the correct and this comorms to the rules of the correct and this comorms to the rules of the correct and this comorms to the rules of the correct and this comorms to the rules of the correct and this comorms to the rules of the correct and this comorms to the rules of the correct and this comorms to the rules of the correct and this comorms to the rules of the correct and this comorms to the rules of the rules of the correct and this comorms to the rules of the rules
AOINIL (out, decision XII.
Type Co	de Symbol StampNA
.,,,,	oy
Certifica	te of Authorization No. NA Expiration Date NA
	\bigcap \bigcap \bigcap
Signed_	Owner or Owner's Designer Title Owner or Owner's Designer Title
	Owner or Owner's Designee, Title
-	
	CERTIFICATE OF INSERVICE INSPECTION
I, the ur	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Provi	nce of Virginia and employed by HSBI and I Co. of
	Hartford, Ct. have inspected the components described
in this	Owner's Report during the period 7/8/96 to 12/7/96 , and state that
to the b	est 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 s	gning this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
	tions and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
	liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
inspecti	on.
	Va. 883
	Inspector's Signature Commissions Va. 003 National Board, State, Province, and Endorsements
Dete	12/7 1098
Date	191

Attachment 2 Page 23 of 77 Serial No.: 99-038

Docket No.: 50-280

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

=								
1.	Owner Virgin	nia Electric a Name	and Power (Co	Date 12/3/98	1	,	
					0	0		
	5000 Dominion	n Blvd., Glen Aller Address	ı, Va. 23060		Sheet2	of		
_	Surry	Power Station			One			
2.	Plant Surry	Name			Unit One			•
	5570 Hog Isla	and Rd., Surry, Va.	22883		₩O#0	0345557-	-03, RR#98-058	
	3370 1109 1310	Address					O. No., Job No.,	etc.
2	Mark Parformed b	Virginia Power			Type Code Symbol	Stamp	NA	
٥.	4401K LeHolliled D		Name		Authorization No			
					Expiration Date			
		Same as above Address			Expiration Dato	NA		
4.	Identification of S	ystemcontai	nment Snrav		•			
5.		nstruction Code B31				ddenda,_	N-1 through N-1	Code Casi
	(b) Applicable Edi	ition of Section XI Util	lized for Repairs	or Replacements	s 19			
c	Identification of C	Commonante Danaired a	- Dowland and E	lantananana Can				
О.	identification of C	components Repaired o	r Replaced and F	replacement Cor	пропентѕ			
								ASME
							Danainad	Code
ļ	Nome of	No-s of	Manufacturan	National	Other	Year	Repaired, Replaced,	Stamped (Yes
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Built	or Replacement	or No)
L							<u> </u>	
	2" Elbow	John H. Frischkorn, Inc	. NA	NA	1-CS-MOV-102A	NA	Replacement	No
-								
		1						
7.	Description of Wor	-kReplac	e valve. Code	Case N-416-ap	pplies (Completed1	1/10/98).	
8.	Tests Conducted:		eumatic 🔲 No					
		Other Pressure_	psi	Test Temp	°F			
	NOTE: Suppleme	ental sheets in form of	lists, sketches, o	r drawings may	be used, provided (1)	size is 8½	½ in. x 11 in., (2) i	nforma-

tion 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.

	PO # CSY-341372
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
F	
l	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this replacement conforms to the rules of the
	ASME Code, Section XI.
	Type Code Symbol StampNA
	Certificate of Authorization NoNAExpiration DateNA
1	Signed 4. Court IST ENGINEER Date 12/3 , 19 59
L	
	CERTIFICATE OF INSERVICE INSPECTION
l	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 HSBI and I Co.
ı	Hartford, Ct. have inspected the components described
1	in this Owner's Report during the period 7/5/95 to 12/7/98, and state that
١.	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Ł	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.
ı	Commissions Va. 883
	Inspector's Signature National Board, State, Province, and Endorsements
l	10/2 69
	Date. 1975

Attachment 2 Page 24 of 77 Serial No.: 99-038 Docket No.: 50-280

=				-	-						
1.	Owner Virgini		nd Power (Co	Date 12/4/98	ı					
		Name									
	5000 Dominion	Blvd., Glen Allen	, Va. 23060		Sheet1c	of2					
		Address									
2.	Plant_Surry P				Unit_One						
		Name					34/4/98				
	5570 Hog Islan	d Rd., Surry, Va.	23883		WO#00371542-031, RR#98-059						
		Address			Repair Orga	nization P	.O. No., Job No.,	etc.			
3.	Work Performed by	Virginia Power	Name		Type Code Symbol	Stamp	NA				
		•	Name		Authorization No	NA					
	s	ame as above			Expiration Date	NA					
		Address									
4.	Identification of Sys	stem Main S	team	<u>.</u>							
	(a) Applicable Cons (b) Applicable Editi Identification of Con	on of Section XI Util	ized for Repairs	or Replacements	s 19 ₈₉	ddenda <u>, 1</u>	J-1 through N-1	≆C ode Case			
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)			
	3" Elbow	Tioga Pipe Supply	NA	NA	1-MS-182	NA	Replacement	No			
	3" Valve	Enertech	Model # 3"-600 ANSI	DRV-Z NA	1-MS-182	NA	Replacement	No			
	3" Elbow	Energy & Process Corp.	NA	NA	1-MS-182	NA	Replacement	No			
	3" Pipe	Dubose Nat. Energy Services	NA	NA	1-MS-182	NA	Replacement	No			
	3" Flange	Dubose Nat. Energy Services	NA	NA	1-MS-182	NA	Replacement	No			
7.	Description of Work	Replace	e valve. Code	Case N-416-ap	plies (Completed	11/2/98)	•				
8.		Hydrostatic Pne Other Pressure		minal Operating Test Temp			·				
	• •	tal sheets in form of augh 6 on this report of this form.					• • •				

	PO # CNT-575132, CNT-566425, CNT-550541, CNT-563042,
9. R	Remarks
	Applicable Manufacturer's Data Reports to be attached
	CNT-576104, BNT-467650, CNT-558078
_	3-12 E-12-12-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
_	
	<u>i</u>
•	CERTIFICATE OF COMPLIANCE
1.	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the
^	ASME Code, Section XI.
Į.	
l	
١.	ype Code Symbol Stamp NA
'	Type Code Symbol StampNA
1	
c	Certificate of Authorization No. NA Expiration Date NA
١,	signed Will dozen IST ENGINEER Date 12/4 , 19 98
l °	Owner or Owner's Designee. Title
L	
	CERTIFICATE OF INSERVICE INSPECTION
Ι,	, 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 HSBI and I Co. of
l°	
_	Hartford, Ct. have inspected the components described
ir	n this Owner's Report during the period, and state that
l to	o the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
ı	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
۱ ۲	
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
e:	xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
sl	hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
1	nspection.
Ι "	
l	/// South
-	CommissionsVa. 883
	Inspector's Signature National Board, State, Province, and Endorsements
İ	1
Ι.	1 2 /7 10 98
}	Date

Attachment 2 Page 25 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=			`							
1	Owner_Virgini	la Electric a	and Power (Co.	Date 12/4/98	ł				
٠.	OWNER	Name								
	5000 Dominion	Blvd., Glen Aller	n, Va. 23060		Sheet2	of 2				
		Address Surry Power Station								
2.	Plant Surry Power Station Name				Unit_One					
							1029 1/24/29			
	5570 Hog Island Rd., Surry, Va. 23883				WO#0	0371542-	031, RR#98-05. .O. No., Job No.,	9		
	Address				Repair Orga	nization P	.O. No., Job No.,	etc.		
3.	Work Performed by	Virginia Power			Type Code Symbol	Stamp	NA			
		•	Name		Authorization No.			_		
	g	ame as above			Expiration Date					
		Address				0120				
4.	Identification of Sys	stem Main S	Steam							
			-							
5.	(a) Applicable Cons	struction CodeB31	<u>1</u> 19	55 Edition,	NA AN	ddenda, N	-1 through N-1	_3Code Case		
		on of Section XI Uti				•				
	,-, - ,-,			•						
6.	Identification of Co	mponents Repaired o	or Replaced and F	Replacement Cor	nponents					
			• • • • • • • • • • • • • • • • • • • •							
				40		:	Populated	ASME Code		
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	(Yes or No)		
	3/4" Nuts	Mackson, Inc.	NA	NA	1-MS-182	NA	Replacement	No		
L	3/4" Studs	Mackson, Inc.	NA	NA	1-MS-182	NA	Replacement	No		
7.	Description of Work	Replac	ce valve. Code	Case N-416-ap	plies (Completed	11/2/98)				
8.										

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.

	None
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the
	ASME Code, Section XI.
	Addition Att.
	Type Code Symbol Stamp NA
	Type Code Symbol StampNA
	D. M. C. C. C. C. C. C. C. C. C. C. C. C. C.
	Certificate of Authorization No. NA Expiration Date NA
	(u) I To = 1
	Signed W-L. Kosel ISE Evanvett Date 144 , 1988
_	
_	
	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 HSBI and I Co. of
	Hartford, Ct. have inspected the components described
	in this Owner's Report during the period. 9/8/98 to 12/7/98, and state that
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
	shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
	inspection.
	$(A) \longrightarrow \mathcal{U}$
	CommissionsVa. 883
	Inspector's Signature National Board, State, Province, and Endorsements
	Date 12/7 1998
	17/

Attachment 2 Page 26 of 77 Serial No.: 99-038 Docket No.: 50-280

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

1.	Owner Virgin:	ia Electric a	nd Power (Co.	Date 12/4/98			
		Name		_				
	5000 Dominion	Blvd., Glen Allen	, Va. 23060		Sheet c	of1		
		Address						
2.	PlantSurry F	ower Station			Unit One			
		Name			_			
	5570 Hog Islar	nd Rd., Surry, Va.	23883				02, RR#98-060	
		Address			Repair Orga	nization P	.O. No., Job No.,	etc.
3.	Work Performed by	virginia Power			Type Code Symbol	Stamp	NA 	
			Name	•	Authorization No			
		Same as above			Expiration Date	NA		
		Address	•					
4.	Identification of Sy	stemMain S	team					
	(b) Applicable Edit	struction CodeB31 ion of Section XI Uti emponents Repaired o	lized for Repairs	or Replacements	s 19 <u>89</u>	ddenda <u>, -</u>		Code Case
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	3" Elbow	Tioga Pipe Supply	NA	NA	1-MS-178	NA	Replacement	No
	3" Valve	Enertech	Model # 3"-600 ANSI	DRV-Z NA	1-MS-178	NA	Replacement	No
	3" Elbow	Energy & Process Corp.	NA	NA	1-MS-178	NA	Replacement	No
	3" Pipe	Dubose Nat. Energy Services	NA	NA	1-MS-178	NA	Replacement	No
	3" Flange	Dubose Nat. Energy Services	NA	NA	1-MS-178	NA	Replacement	No
7.	Description of Work	Replac	e valve. Code	Case N-416-ap	oplies (Completed	11/2/98)	•	
8.	Tests Conducted:			ominal Operating Test Temp.				
		ntal sheets in form of ough 6 on this report						

(12/82)

recorded at the top of this form.

0	PO # CNT-575132, CNT-566425, CNT-550541, CNT-563042,
9.	Applicable Manufacturer's Data Reports to be attached
	CNT-576104
Γ	CERTIFICATE OF COMPLIANCE
١	We certify that the statements made in the report are correct and this replacement conforms to the rules of the
1	ASME Code, Section XI.
l	
l	Type Code Symbol StampNA
1	Certificate of Authorization No, NA Expiration Date NA
ı	
	Signed With Logers ISI ENGINEER Date 12/4 , 1998
l	Owner or Owner's Designee, Title
Ξ	
l	CERTIFICATE OF INSERVICE INSPECTION
ı	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 HSBI and I Co. of
	Hartford, Cthave inspected the components described
	in this Owner's Report during the period $\frac{9/8/9\%}{12/9\%}$ to $\frac{12/9\%}{12/9\%}$, 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
ŀ	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,
l	
1	
	Inspector's Signature National Board, State, Province, and Endorsements
1	
1	Date
1	~

Attachment 2 Page 27 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=	_							
1.	Owner	ia Electric a	ind Power (Co.	Date12/4/98	}		
٠.		Name			Buto			
	5000 Dominion	Blvd., Glen Allen	, Va. 23060	-	Sheet1c	_{of} 1		
	-	Address			511661	,·		-
2.	PlantSurry P	ower Station		Unit_One				
۷.	riant	Name			Oiiit		-	
	5570 Hog Islar	nd Rd., Surry, Va.	23883		WO#0	0371542-	01, RR#98-061	
		Address					.O. No., Job No.,	etc.
		Virginia Power					NA	
3.	Work Performed by	Type Code Symbol	•					
		Authorization No	NA					
		Same as above Address			Expiration Date	NA		
		Address						
4.	Identification of Sy	stemMain S	team		_			
	(b) Applicable Edit	struction Code <u>B31</u> ion of Section XI Util mponents Repaired o	ized for Repairs	or Replacement	s 19 <u>89</u>	.ddenda <u>, ¹</u>	J-1 through N-1	€Code Case
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	3/4 " Nuts	Mackson, Inc.	NA	NA	1-MS-176	NA	Replacement	NO
	3/4"Studs	Mackson, Inc.	NA	, NA	1-MS-176	NA	Replacement	No
	3" Valve	Enertech	Model # 3"-600 ANSI	DRV-Z NA	1-MS-176	NA	Replacement	No
	3" Elbow	Energy & Process Corp.	NA	NA	1-MS-176	NA	Replacement	Ио
	3" Pipe	Dubose Nat. Energy Services	NA.	NA	1-MS-176	NA _.	Replacement	No
	3" Flange	Dubose Nat. Energy Services	NA	NA	1-MS-176	AN	Replacement	No
7.	Description of Work	Replac	e valve. Code	Case N-416-ap	plies (Completed	11/2/98)		
8.	Tests Conducted:	Hydrostatic Pno		ominal Operating Test Temp				
		tal sheets in form of			be used, provided (1)			

recorded at the top of this form.

PO # CNT-435445, CNT-558078, CNT-566425, C	NT-525942,
9. Remarks	
Applicable Manufacturer's Data Reports	to be attached
CNT-563042, CNT-576104	
 	
	······································
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this \underline{x}	placement conforms to the rules of the
	r or replacement
ASIVIE Code, Section XI.	
Type Code Symbol StampNA	
Certificate of Authorization No. NA Expiration I	NA NA
Certificate of Authorization No.	Jale
Tot Coming	12/1
Signed W. L. Locers ISI ENGINEZA Date	<u>12/4</u> , 19 <u>70</u>
Owner or Owner's Designee, Title	
CERTIFICATE OF INSERVICE INSPEC	TION
I, the undersigned, holding a valid commission issued by the National Board of Boile	
or Province of Virginia and employed by the National Board of Bolle	Tand T Co
or Province of <u>Virginia</u> and employed by <u>HSB</u> Hartford, Ct.	
- nattioid, ct.	have inspected the components described
in this Owner's Report during the period	/2/7/98, and state that
to the best of my knowledge and belief, the Owner has performed examinations a	
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 w	arranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's Report, Further	more, neither the Inspector nor his employer
shall be liable in any manner for any personal injury or property damage or a loss o	f any kind arising from or connected with this
inspection.	
/ (/ Smill commission	Va. 883
Inspector's Signature Commissions National	Board, State, Province, and Endorsements
1	,,,
10/2 00	
Date	

Attachment 2 Page 28 of 77 Serial No.: 99-038 Docket No.: 50-280

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

1.	Owner	ia Electric a		o.	12/15/9 Date	<u>.</u>	<u> </u>	
	5000 Dominion	Blvd., Glen Aller			Sheeto	1		
	Surry P	Address Power Station	1		One		<u> </u>	
2.	Plant	Name			Unit		· · · · · · · · · · · · · · · · · · ·	
	5570 Hog Islan	nd Rd., Surry, Va	. 23883		WO#00	389563-	01, RR#98-062	
		Address Virginia Power					.O. No., Job No.,	
3.	Work Performed by		Name		Type Code Symbol Authorization No	Stamp		
	s	Same as above		<u></u>	Expiration Date	277		
	· ·	Address						
ŧ.	Identification of Sys	stemCharg	ing					
5.	(a) Applicable Cons	struction CodeB3	^{1.1} 19_	55 Edition,	NA A	ddenda,_	I-1 through N-1	.3 _Code Case
	(b) Applicable Edit	ion of Section XI Ut	ilized for Repairs o	r Replacement				
6.	Identification of Co	mponents Repaired	or Replaced and Re	eplacement Cor	nponents .			
				<u> </u>				ACNAE
]"					ASME Code
	Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced,	Stamped (Yes
	Component	Manufacturer	Serial No.	Board No.	Identification	Built	or Replacement	1
		ĺ						
_	Trim	Copes-	Part #13274					
_	Assembly (Plug)	Vulcan	OMKD	. NA	1-CH-HCV-1186	NA	Replacement	No No
_				- · · · <u></u> - ·	 		<u> </u>	
				,				
					·			
							<u> </u>	<u> </u>
,	Description of Work		ce valve stem.	(Completed 10	9/9/ 98).			
•	Description of work	·			Det 1415/98			
	Tests Conducted:	•	_	minal Operating				
3.		Oak as Dansauss	psi	Test Temp	°F			
3,		Other Pressure_	psi	rest remp				

(12/82)

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

Remarks
Applicable Manufacturer's Data Reports to be attached
· · · · · · · · · · · · · · · · · · ·
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this replacement conforms to the rules of the
ASME Code, Section XI.
Type Code Symbol StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed (h) aired f. Rock ISI ENGINEER Date 12/15 , 19 58
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 Sta
or Province of Virginia and employed by HSBI and I Co.
Hartford, Ct. have inspected the components describ
in this Owner's Report during the period
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the
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 t
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the
inspection.
Commissions Va. 883
Inspector's Signature Commissions Va. 863 National Board, State, Province, and Endorsements
12/21 198
Date19 / U

Attachment 2 Page 29 of 77 Serial No.: 99-038 Docket No.: 50-280

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

_								
						•		
1.	Owner Virgini	a Electric a	nd Power C	lo	Date 11/25/98	3	<u> </u>	
		Name						
	5000 Dominion	Blvd., Glen Allen	, Va. 23060		Sheet o	f1	·	<u>-</u>
		Address						
2.	Plant Surry P	ower Station	·		Unit_One			
	_						_	
	5570 Hog Islan	d Rd., Surry, Va.	23883				RR#98-063	<u> </u>
		Virginia Power			nepair Organ	nzation r	NA NA	etc.
3.	Work Performed by	VIIGINIA FOWEL	Name		Type Code Symbol	•		
	170116				Authorization No			
	s	ame as above Address	 		Expiration Date	NA		· · · · ·
		. ,	-					
4.	Identification of Sys	stem <u>Charqi</u>	ng					
5.					NA A	ddenda,_	N-1 through N-1	Code Case
	(b) Applicable Editi	ion of Section XI Uti	lized for Repairs	or Replacement	s 19 <u> 89</u>		•	
6.	Identification of Co	mponents Repaired o	or Replaced and F	Replacement Cor	nponents			
_			r		T	,		
								ASME
								Code
	•	. 4.		National	, ,		Repaired.	Stamped
	Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	(Yes
	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
L					ļ			<u> </u>
			Part #			,		
	Trim Set (plug)	Copes-Vulcan	132566	NA.	1-CH-FCV-1114A	ΔИ	Replacement	Ņo
		,		•				
				· 			 	
							}	,
								1
				<u> </u>	<u> </u>		ļ	
					,			
7.	Description of Work	Repair valve.		. <u></u>			·	
			•					
В.	Tests Conducted:	Hydrostatic Pn	eumatic No	minal Operating	Pressure			
			psi					
	NOTE: Sunnlement	al sheets in form of	lists, sketches. o	r drawings mav	be used, provided (1)	size is 8½	in. x 11 in., (2) i	nforma-
	tion in items 1 thro	ugh 6 on this report	is included on e	ach sheet, and	3) each sheet is num	bered an	d the number of s	heets is
	recorded at the top							
			· ,					

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

(12/82)

PO# CN7	<u> </u>
Remarks	
•	Applicable Manufacturer's Data Reports to be attached
 -	
<u> </u>	
	CERTIFICATE OF COMPLIANCE
We certify the	hat the statements made in the report are correct and this replacement conforms to the rules of the
ASME Code, Section >	reneir or replacement
•	
Type Code Symbol Sta	ampNA
٠) TD
Certificate of Authoriz	ration NoNAExpiration DateNA
(100	
Signed 4/- /	vner's Designee, Title Date 11/25 , 19 98
	The subsigned, Ituo
	CERTIFICATE OF INSERVICE INSPECTION
I the undersigned hol	ding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
or Province of Virg	ginia and employed by HSBI and I Co.
	ford, Cthave, inspected the components describe
in this Owner's Repor	rt during the period $9/8/98$ to $12/9/98$, and state the
•	owledge and belief, the Owner has performed examinations and taken corrective measures described in the
	ordance with the requirements of the ASME Code, Section XI.
By signing this cert	tificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning t
· • -	rective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ
	manner for any personal injury or property damage or a loss of any kind arising from or connected with the
inspection,	
	Commissions Va. 883
U Ofnst	process Signature National Board, State, Province, and Endorsements
	1/0 00
Date	2 /7 19 7 0
,	

Attachment 2 Page 30 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=								
1.	Owner_ Virgin	nia Electric	and Power	Co.	Date1/14/99	9		
		Name						
	5000 Dominion	n Blvd., Glen Alle	en, Va. 23060		Sheet1o	f1		
		Address		-				
2.	Plant_Surry	Power Statio	n		Unit One			<u></u> _
		Name						
	5570 Hog Isla	and Rd., Surry, V	a. 23883				RR#98-067	
	Address				Repair Orgai	nization P	.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power	Name		Type Code Symbol	Stamp	NA	
	·	•	Name		Authorization No			
	Same as above				Expiration Date			
		Address			-			
4.	Identification of Sy	/stemChar	ging					
	•	•						
5.	(a) Applicable Con	struction Code	31.1 19	55 Edition,_	NAA	ddenda,_	N-1 through N-	13 _Code Case
		tion of Section XI Ut			0.0	•		
6.	Identification of Co	omponents Repaired	or Replaced and F	Replacement Con	nponents			
٠.		omponents tropanea		10,000,000				
	·							
-		İ						ASME
								Code
]				National		ı	Repaired,	Stamped
Ì	Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	(Yes
	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
-						1		
	Trim Assembly (Plug)	Copes- Vulcan	Ht. # 715571	NA	1-CH-FCV-1160	NA	Replacement	t No
┢	<u> </u>						 	
<u> </u>		_						
1								
					-		-	
					·			
_								
			,					
					L			<u> </u>
7.	Description of Work	Replace trim	assembly					
8.	Tests Conducted:	_	neumatic 🔲 No	-	<u></u>			
		Other Pressure_	psi	Test Temp	°F			
	NOTE: Supplemen	ntal sheets in form of	f lists, sketches, c	or drawings may	be used, provided (1)	size is 8½	in. x 11 in., (2) i	nforma-

(12/82)

recorded at the top of this form.

tion 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

_	CN1-37101Z							
э.	Applicable Manufacturer's Data Reports to be attached							
	CERTIFICATE OF COMPLIANCE							
	We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.							
	Type Code Symbol StampNA							
	Signed Local ISI England Date NA 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 <u>Virginia</u> and employed by <u>HSBI</u> and I Co. of							
	Hartford, Ct. have inspected the components described in this Owner's Report during the period 9/5/98 to 1/35/99 , and state that							
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this							
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.							
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the							
	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this							
	inspection.							
	Commissions Va. 883 Inspector's Signature National Board, State, Province, and Endorsements							
1	Date							

Attachment 2 Page 31 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=										
1.	Owner_Virgin	nia Electric Name		Co.	Date1/11/9	9				
	5000 Dominion	Blvd., Glen Alle	n, Va. 23060		Sheet1	of1	:			
		Address								
2.	PlantSurry	Power Station	1		UnitOne					
	_	-			"					
	5570 Hog Isla	and Rd., Surry, Va	. 23883	 .			-01, RR#98-084 P.O. No., Job No.,			
2	Work Performed by	Type Code Symbol								
э.	WORK FELICITIES DY		Name		Authorization No.					
		Expiration Date	NA							
		Address		_			_			
4.	Identification of Sy	stemResid	lual Heat Remov	ral						
		•		55	NA		N-1 through N-	13		
5.		struction CodeB3				ddenda,_		Code Case		
	(b) Applicable Edit	ion of Section XI Uti	lized for Repairs	or Replacement	s 19					
6.	Identification of Co	omponents Repaired o	or Replaced and F	Replacement Cor	mponents					
	Name of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code Stamped (Yes		
	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)		
	Studs & Nuts	Mackson. Inc.	NA	NA	1-RH-11	NA	Replacement	No		
	•									
	,									
Щ.		<u> </u>					1	I		
7.	Description of Work	Replace faste	ners.							
8.	Tests Conducted:		eumatic No	ominal Operating Test Temp	_					
	NOTE: Supplemen	ntal sheets in form of			be used, provided (1					

recorded at the top of this form.

9. Remarks	# BNI-467650 (Studs), CNI-512433 (NUCS)
	Applicable Manufacturer's Data Reports to be attached
	
	· · · · · · · · · · · · · · · · · · ·
	CERTIFICATE OF COMPLIANCE
	y that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
ASME Code, Section	n XI.
True Carla Complete	Stamp NA
Type Code Symbol	StampNA
Certificate of Autho	prization No, NA Expiration Date NA
Signed (h), 4	Date 1/11 1999
Owner or	Ówne s Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	holding a valid commission issued by the National Board of Boiler and Pressure Yessel Inspectors and the State
	cginia and employed by HSBT and T Co. of
Hai	rtford, Ct. have inspected the components described port during the period $9/8/98$ to $1/2/99$, and state that
	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
	corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer by manner for any personal injury or property damage or a loss of any kind arising from or connected with this
inspection.	y mainter for any personal injury or property durings of a loss of any kind arising from or connected with this
///	$\mathcal{D} \subset \mathcal{A}$
	Commissions Va. 883
	nspector's Signature National Board, State, Province, and Endorsements
	1,5 80
Date	<u> 1//& 1977</u>

Attachment 2 Page 32 of 77 Serial No.: 99-038

Docket No.: 50-280

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

_								_
1.	Owner Virgin	nia Electric	and Power	Co.	Date 1/11/9	9		
		Name			_			
	5000 Dominion	Blvd., Glen Alle	en, Va. 23060		Sheet1c	of1		<u> </u>
2.	Plant Surry	Power Station	n		Unit One			
		Name		-				•
	5570 Hog Isla	ınd Rd., Surry, Va Address	. 23883				-01, RR#98-08	
2	Work Performed by	Name				Stamp		
٠.	Work renormed by					NA		
		Same as above			Expiration Date	NT 7	- ·	
		Address Safet	y Injection					
4.	Identification of Sys	stem						
5.	(a) Applicable Cons	struction CodeB3	1.1	55 Edition,_	A	ddenda,_	N-1 through N-	13 _Code Case
		ion of Section XI Uti		•	0.0			•
6.	Identification of Co	mponents Repaired o	or Replaced and F	Replacement Cor	nponents			
	_							
								ASME Code
				National			Repaired,	Stamped
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes or No)
	Component	Walla la carara	Cortai 140.	140,	, adminidation	Built		
								
	Studs & Nuts	Mackson. Inc.	NA	NA	1-SI-243	NA	Replacemen	No.
	Disc	Velan	Serial # 6947	NA	1-SI-243	NA.	Replacemen	t No
							TOP 1 US	
						_		
_								
							1	
					<u> </u>	L	1	<u> </u>
7.	Description of Work	Overhaul valv	e					
			_					
8.	Tests Conducted:	Hydrostatic Pn Other Pressure		minal Operating				
		Calei Flessure_	bsi	rest remp	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.

,

9	RemarksPO#_CNT-492385 (G1SC), BNT-467650 (nuts), CNT-567187
٥.	Applicable Manufacturer's Data Reports to be attached
	(studs)
_	
l	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this replacement conforms to the rules of the
	ASME Code, Section XI. repair or replacement
l	
-	Type Code Symbol StampNA
1	Certificate of Authorization No. NA Expiration Date NA
ı	
	Signed W. L. Loseva ISI ENGINEER Date 1/11 , 19 99 Owner or Owner's Designee, Title
L	Owner of Owner's Designer, Title
Г	
l	CERTIFICATE OF INSERVICE INSPECTION
L	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 HSBI and I Co. of
	in this Owner's Report during the period 78/98 to 1/13/99, and state that
	\cdot , \cdot
	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
l	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.
ı	1 South
1	Inspector's Signature Commissions Va. 883 National Board, State, Province, and Endorsements
	/
1	1/12 1099
	Date19/
_	

Attachment 2 Page 33 of 77 Serial No.: 99-038 Docket No.: 50-280

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

_		As Requ	ired by the Pro	visions of the A	ASME Code Section	n XI		
1.	Owner Virgin	ia Electric a	and Power C	Co.	Date12/15/9	8		
	5000 Dominion	Blvd., Glen Aller			Sheeto	1		
		Address	-, ,		Sheeto	of		
_	Surry !	Power Station			One			
۷.	Plant	Name			Unit			
	5570 Hog Isla	nd Rd., Surry, Va.	23883		WO#00	0362345-	01, RR#98-087	
		Address			Repair Orga	nization F	.O. No., Job No.,	etc.
2	Work Performed by	Virginia Power			Type Code Symbol	Stamn	AN	
•	Work remonited by	Authorization No.	NIA					
		Same as above			Expiration Date			
		Address						-
١.	Identification of Sy	ystemSafety	/ Injection					
5.	(a) Applicable Cor	nstruction CodeB3:	A	ddenda,_	N-1 through N-1	Code Cas		
		tion of Section XI Ut				•		
			•	•				
3 .	Identification of C	omponents Repaired	or Replaced and F	Replacement Cor	nponents			
							, .	ASME Code
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Stamped (Yes
	Studs	Mackson, Inc.	NA	NA	1-SI-229	NA	Replacement	No
		Nova	ł			<u> </u>		
_	Nuts	Machine Corp.	NA	AN	1-SI-229	NA	Replacement	No
		1			1			
_				,				
			·		<u> </u>			
						` ·,		
_		ļ			<u> </u>		<u> </u>	
•	Description of Wor		ce fasteners.	(Completed 11/	(2/98).			
	Tests Conducted:	Hydrostatic Pr	_	ominal Operating Test Temp	-			
		ntal sheets in form of rough 6 on this repor o of this form.						

_	PO# CNT-567187 (studs), SSY-419075 (nuts)
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
Г	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI.
l	
ľ	Type Code Symbol StampNA
l	
	Certificate of Authorization No. NA Expiration Date NA
l	Signed W. L. LOSCH IST ENGINEER Date 12/15 19 48
l	Owner or Owner's Designee, Title
_	
l	CERTIFICATE OF INSERVICE INSPECTION
l	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. HSBI and I Coof
İ	Hartford, Cthave inspected the components described
l	in this Owner's Report during the period 9/5/78 to 12/21/78, and state that
ı	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
l	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.
l	
l	Commissions Va. 883 National Board State Province and Endorsements
	Inspector's Signature National Board, State, Province, and Endorsements
	Date
Ш	/

Attachment 2 Page 34 of 77 Serial No.: 99-038 Docket No.: 50-280

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

Owner	nia Electric a	TIG FOWEL C		12/15/5		 	
5000 Dominion	Blvd., Glen Aller	n, Va. 23060		_ 1	. 1		
	Address			Sheet	of		
Surry	Power Station			One Unit			
-latit	Name						
5570 Hog Isla	and Rd., Surry, Va	. 23883		WO#0	00362346-	01, RR#98-088	
	Address			Repair Org	anization P	.O. No., Job No.,	etc.
Virginia Power Vork Performed by				Type Code Symbo	l Stamp		
		Name		Authorization No.			
	Same as above			Expiration Date_	NA		
	Address						
dentification of Sy	ystemSafety		·				
dentification of C	omponents Repaired o	or Replaced and R	eplacement Cor	nponents	<u> </u>	·, · · · · · · · · · · · · · · · · · ·	I
	,	ļ.		-	as to see the		ASN
		[Coc
			National			Repaired,	Stam
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	(Ye
Component	Wandracturer	Serial IVO,	140.	, delitineation	Built		
					_	<u> </u>	
	- 			1	X.		L
	 	[1	
Studs	Mackson, Inc.	NA NA	NA	1-SI-228	NA	Replacement	, N
	Mackson, Inc.						-
Studs Nuts	Mackson, Inc.	NA NA	NA NA	1-SI-228	NA NA	Replacement Replacement	-
	Mackson, Inc.						
	Mackson, Inc.						-
	Mackson, Inc.						
	Mackson, Inc.						
	Mackson, Inc.				NA		
	Mackson, Inc. Nova Machine Corp.	NA	NA ,	1-SI-228	NA		
	Mackson, Inc. Nova Machine Corp.		NA ,	1-SI-228	NA		
Nuts	Mackson, Inc. Nova Machine Corp. Repla	NA ce fasteners. (NA ,	1-SI-228	NA		-
Nuts Description of Wor	Mackson, Inc. Nova Machine Corp. Repla k Hydrostatic Pr	NA Ce fasteners. (NA (Completed 11,	1-SI-228 /2/98).	NA		

(12/82)

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

PO#_CNT-567187 (studs), SSY-419075 (nuts)	
Applicable Manufacturer's Data Reports to be attached	
	
CERTIFICATE OF COMPLIANCE	
CENTIFICATE OF CONFICIANCE	to the miles of the
We certify that the statements made in the report are correct and thisreplacement conforms to ASME Code, Section XI.	to the rules of the
Type Code Symbol StampNA	
The state of the s	
Certificate of Authorization No. NA Expiration Date NA	
Signed W. L. Well TST ENGINEER Date 12/15 Owner or Owner's Designee, Title	, 19 <u>_98</u>
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspe	ectors and the State
or Province of Virginia and employed by HSBI and I Co.	of
Hartford, Ct. have inspected the come in this Owner's Report during the period 75/98 to 12/2/98	nponents described
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measure	•
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 impl	ied, concerning the
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector	or 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 o	connected with this
inspection.	
CommissionsVa. 883	
Inspector's Signature National Board, State, Province, an	d Endorsements
10101	

Attachment 2 Page 35 of 77 Serial No.: 99-038 Docket No.: 50-280

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

1. Owner Virgin	nia Electric a	and Power C	<u> </u>	Date11/24/98	<u> </u>	·	
5000 Dominion	Name Blwd., Glen Aller) Na 22060					
	Address	1, va. 23060		Sheet o	f		
Surry	Power Station			Unit One			
2. Plant	Name		 ,	Unit			
.5570 Hog Isla	and Rd., Surry, Va.	. 23883		WO#003654	53-01,	RR#98-089	
	Address	 -		Repair Organ	nization F	O. No., Job No.,	etc.
3. Work Performed t	Virginia Power			Type Code Symbol :	Stama	NA	
o, Work remonited t	·v	Name		Authorization No			
	Andrew Training	50.1 11 11	20.16	Funisation Date	NZ		
	Address System Chargi	JANE AS AO	ove	Expiration Date	NA		
Del 11 las 19	Sharqi	ng C					
I. Identification of S	system	- TAPETY -	NJECTION				
3. Identification of C	Components Repaired	or Replaced and F	Replacement Com	nponents		Ţ	r
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 & Nuts	Mackson, Inc.	NA	NA_	1-SI-147	NA	Replacement	No
	2	, . ·					
							
			_				
Description of Wor	k Inspect/repair c	heck valve.					
. Tests Conducted:	Hydrostatic Pn Other Pressure		minal Operating Test Temp	Pressure° F			
NOTE: Suppleme tion in items 1 the recorded at the top	ntal sheets in form of rough 6 on this report p of this form.	lists, sketches, or t is included on e	r drawings may b ach sheet, and (3	e used, provided (1) : 3) each sheet is numl	size is 8½ bered and	in. x 11 in., (2) id d the number of s	nforma- heets is

9. Remarks
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp
Certificate of Authorization No. NA Expiration Date NA
Signed (4)- Librer's Designee, Title Date 11/24 ,19 98
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 England I Co. of
hartiord, Ct. have inspected the components described
, and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
inspection.
Commissions Va. 883
Inspector's Signature National Board, State, Province, and Endorsements
Date

Attachment 2 Page 36 of 77 Serial No.: 99-038 Docket No.: 50-280

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

	Owner Virgin	ia Electric a	and Power C	o.	Date12/31/9	8		
•	Owner	Name			Date			
	5000 Dominion	Blvd., Glen Aller	ı, Va. 23060		Sheet1	. 1	•	
	•	Address			SheetC)'		
	Plant Surry Power Station				UnitOne			
		Name			O			
	5570 Hog Isla	nd Rd., Surry, Va	. 23883		WO#0	0395654-	01, RR#98-091	
	Ad dress				Repair Orga	nization P	.O. No., Job No.,	etc.
	Work Performed by Virginia Power				Type Code Symbol	Stamp	NA	
Name Same as above					Authorization No			
					Expiration Date			
		Address						
	Identification of Sy	stemReacto	or Coolant					
		omponents Repaired o						,
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe (Yes or No
	Valve	Edwards Valves	NA	NA.	1-RC-107	NA.	Replacement	No
	Pipe	Energy & Process Corp.	Ht. # 421377	NA	1-RC-107	NA	Replacement	Мо
	Elbow	Energy & Process Corp.	Ht. # RW	. NA	1-RC-107	NA .	Replacement	No
_				· · · · · · · · · · · · · · · · · · ·				
	Description of Worl	Replace valve	, Code Case N-4	16-1 applies.				
	Tests Conducted:	·	eumatic No	minal Operating Test Temp.				

(12/82)

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

	PO# CNT-575623 (elbow), CNT-487834 (pipe),
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
	CNT-571625 (valve)
	
_	<u> </u>
ı	CERTIFICATE OF COMPLIANCE
1	We certify that the statements made in the report are correct and this replacement conforms to the rules of the
	ASME Code, Section XI.
l	
l	
	Type Code Symbol Stamp NA
ı	Type Code Symbol StampNA
	·
1	Certificate of Authorization No. NA Expiration Date NA
ı	
ı	Signed Owner or Owner's Designed Title Owner or Owner's Designed Title
1	Owner or Owner's Designee, Title
=	
ı	CERTIFICATE OF INSERVICE INSPECTION
1 -	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
ı	or Province of Virginia and employed by HSBI and I Co. of
ı	Hartford Ct
ı	
ı	
l	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,
ł	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
1	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,
	mapertion,
1	Commissions Va. 883
1	Unspector's Signature Commissions Va. 883 National Board, State, Province, and Endorsements
l	Section 2011-y, 1941109, and anidototicity
l	1- 99
l	Date19
Щ	

Attachment 2 Page 37 of 77 Serial No.: 99-038

Docket No.: 50-280

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

	nia Electric a Name	· · · · · · · · · · · · · · · · · · ·	 -	Date 12/1/98			
5000 Dominion	Address	ı, Va. 23060		Sheet 1	of <u>1</u>		
Plant_Surry	Power Station		<u> </u>	Unit One			
5570 Hog Island Rd., Surry, Va. 23883 Address						RR#98-092	etc.
Work Performed by Virginia Power				Type Code Symbol			
work Performed D	γ	Name		Authorization No.			
	Same as above			Expiration Date			
	Address				NA		_
Identification of S	System Charqi	ng					
(a) Applicable Co	nstruction CodeB31	<u>1</u> 19_	55 Edition,	<u>NA</u> A	ddenda,_1	N-1 through N-1	ebo3_
(b) Applicable Ed	ition of Section XI Uti	ilized for Repairs o	r Replacement	s 19 <u>89</u>			
Identification of C	Components Repaired o	or Replaced and Ro	eplacement Cor	mponents			
·							7
	<u> </u>						ASN
	,	.	- ,		1 1	•	Coc
•	.`		National			Repaired,	Stam
Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	(Ye
Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or N
	Copes-	9750-96330-		1-CH-HCV-			
Valves	Vulcan, Inc.	1-1. 1-2. &	1-3 NA	1200A, B, & C	NA	Replacement	No
	Hub, Inc.	Ht. # 461886	NA	1-CH-HCV- 1200A, B, & C	NA.	Replacement	Ио
21 Dina		110. W 40188B			NA	Repracement	110
2" Pipe	Energy &		NA	1-CH-HCV- 1200A, B, & C	NĄ.	Replacement	Мо
2" Pipe	Process Corp.	Ht. # 431377				<u> </u>	
		Hc. # 43137/				1	
		Ht. # 43137/					•
		Ht. # 43137/					,
		HC. # 43137/					
		HC. # 43137/					
2" Pipe				lies.			
2" Pipe	Process Corp.			lies			
2" Pipe	Process Corp.	dies. Code Case		_			
2" Pipe Description of Wor	Process Corp. k Replace valve bo	dies. Code Case	N-416-1 app.	Pressure X			
2" Pipe Description of Wor	Process Corp. k Replace valve bo	dies. Code Case eumatic Nom	N-416-1 app. minal Operating Test Temp.	Pressure X			

	PO# CNT-563957 (valves), CNT-487834 (pipe), CSY-321292
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
	(pipe)
	·
	CERTIFICATE OF COMPLIANCE
ļ	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the
	ASME Code, Section XI.
	, , , , , , , , , , , , , , , , , , ,
l	
l	Type Code Symbol Stemp NA
	Type Code Symbol StampNA
	Certificate of Authorization No. NA Expiration Date NA
l	
1	Signed Owner br Owner's Designee, Title
	Owner or Owner's Designee, Title
_	
Γ	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 HSBI and I Co. of
ł	Hartford, Cthave, inspected the components described
1	
!	in this Owner's Report during the period
	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.
1	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
l	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
1	inspection,
	M/C H
l	Commissions Va. 883
	Commissions
ĺ	
l	12/4 94
	Date
	1

Attachment 2 Page 38 of 77 Serial No.: 99-038 Docket No.: 50-280

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 and Power Co.			Date12/4/98	3			
		Name						
	5000 Dominion	Blvd., Glen Alle	n, Va. 23060		Sheet1c	_{of} 1		
		Address			Officet	,·		
2	Plant Surry Power Station				Unit_One			
۷.			Onic					
	5570 Hog Islar	nd Rd., Surry, Va	. 23883		WO#0	0263047-	01, RR#98-093	
	Address				Repair Orga	nization P	.O. No., Job No.,	etc.
_	W . D	Virginia Power				۵.	NA	
3.	Work Performed by	Type Code Symbol	-		-			
			Name	•	Authorization No.			
	<u>-</u>	Same as above Address	- <u>-</u> -		Expiration Date	NA		
				•				
4.	Identification of Sy	stem Main	Steam					
	(a) Applicable Cons (b) Applicable Edit Identification of Co	ion of Section XI Ut	ilized for Repairs	or Replacements	s 19 <u>89</u>	.ddenda, <u>.</u> *		-Code Cas
_		1 .	r	1	1	T	1	I
	Name of	Name of		National ^a			Repaired, Replaced,	ASME Code Stamped (Yes
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	or Replacement	or No)
	3" Pipe .	Tioga Pipe Supply	NA	NA	1-MS-196	АИ	Replacement	No
	3" Valve	Crane	C3946	NA NA	1-MS-196	NA	Replacement	No
					-			
	· · · · · · · · · · · · · · · · · · ·	·			-			
7.	Description of Work	Replac	ce valve. Code	Case N-416-ap	plies (Completed	11/20/98).	
8.	Tests Conducted:	Hydrostatic Pr		ominal Operating Test Temp.				
		ough 6 on this repor			be used, provided (1) (3) each sheet is nur			

	CNT-574363 (pipe), CNT-438892 (valve)
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
	, ,
_	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this replacement conforms to the rules of the
	ASME Code, Section XI.
	Addit Code, acciton Att
	Torre Code South of Street
	Type Code Symbol Stamp
	273
	Certificate of Authorization No. NA Expiration Date NA
	Signed Will Rose I IST ENGINEER Date 12/4 19 98
	Signed Winer or Owner's Designee, Title Owner or Owner's Designee, Title
	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
	771 1 1 1 7 A
	Hartford Ct
	nave inspected the components described
	in this Owner's Report during the period $\frac{9/9/9}{5}$ to $\frac{10/1/9}{5}$, and state that
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
	shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
	inspection.
	Thispection.
	Va. 883
	Inspector's Signature Commissions National Board, State, Province, and Endorsements
	, actions. Bodie, etcloy, province, and and observed
	10/2 00
l	Date
	·

Attachment 2 Page 39 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=					<u> </u>			
1,	Owner_Virgin	nia Electric a	and Power C	!o	Date			
		Name		-				
	5000 Dominion	Blvd., Glen Aller	ı, Va. 23060		Sheet	of	·	
		Address						
2.	Plant_Surry	Power Station			Unit			
		Name		_				
	5570 Hog Isla	and Rd., Surry, Va.	23883		·		01, RR#98-094	
		Address			Repair Orga	nization P	.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power Y			Type Code Symbol	Stamp	NA	
			Name		Authorization No	NA	- 	
		Same as above			Expiration Date	NA	- <u>-</u>	
		Address						
4.	Identification of Sy	ystemCharg	ing					
	(b) Applicable Edi	nstruction Code B3: tion of Section XI Uti omponents Repaired o	lized for Repairs	or Replacement	s 1989	Addenda, <u> </u>	N-1 through N-1	3_Code Case
	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)
	1/4" Tube Steel	Dubose. Nat. Energy Serv.	HT. # 662507	ŊA	Pipe Supports	NA	Replacement	No
	1/4"	Consolidated	Ht.#		Pipe			
<u></u>	Tube Steel	Power Supply	A77174	NA	Supports	NA	Replacement	No
	1/2" Plate	Consolidated Power Supply	Ht. # C4286	NA .	Pipe Supports	NA	Replacement	No
	1/4" X 2" Flatbar	Consolidated Power Supply	Ht. # K8467	'NA	Pipe Supports	NA	Replacement	No
	1/4" X 4" Flatbar	Consolidated Power Supply	Ht. # B54617	NA	Pipe Supports	NA	Replacement	Мо
	Description of Wor	Hydrostatic Pn	eumatic No	minal Operating	_			
		Other Pressure_	psi	Test Temp	°F			
	• •	ntal sheets in form of rough 6 on this report o of this form.	•		• •			

	PO# CNT-572572 (tube steel), CNT-564228 (tube steel),
Э.	Applicable Manufacturer's Data Reports to be attached
	CNT-560805 (1/2" plate), CNT-555935 (flathar),
	COVER 546060 / 57 - 13 - 13 - 13 - 13 - 13 - 13 - 13 - 1
	CNT-546862 (flatbar)
Г	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
1	ASME Code, Section XI.
1	
	Type Code Symbol StampNA
	Type Code Symbol Stamp
	Certificate of Authorization No. NA Expiration Date NA
	Signed W. h. Regar ISI ENGINEER Date 1/4 , 1999
l	Owner or Owner's Designee, Title
_	
Ĺ	CERTIFICATE OF INSERVICE INSPECTION
l	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
L	or Province of Virginia and employed by HSBI and I Co. of
l	Hartford, Ct. have inspected the components described
l	in this Owner's Report during the period $\frac{9/10/98}{}$ to $\frac{1/4/99}{}$, and state that
l	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
l	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
l	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
ł	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
l	inspection.
l	Commissions Va. 883
1	Inspector's Signature Commissions Va. 883 National Board, State, Province, and Endorsements
	,
	Date 1/4 1999
ŀ	Date

Attachment 2 Page 40 of 77 Serial No.: 99-038 Docket No.: 50-280

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

1.	Owner <u>Virgin</u>	ia Electric	and Power (Co.	Date 1/11/99)		
	5000 Dominion	Blvd., Glen Alle	n, Va. 23060		Sheet1o	f1		
2.	Plant_Surry	Power Station	ı		Unit One		•	
	5570 Hog Island Rd., Surry, Va. 23883 Address						-01, RR#98-09	
3.	. Work Performed by Virginia Power Name Same as above Address				Type Code Symbol S Authorization No Expiration Date	NA		
4.	Identification of Sys	stemMain	Steam					
5.		struction Code ion of Section XI Uti			0.0	ddenda,_	N-1 through N-	13 _Code Case
6.	Identification of Co	mponents Repaired o	r Replaced and R	eplacement Con	nponents			
	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 & Nuts	Mackson. Inc.	NA	NA	1-MS-PCV-102A	AN	Replacement	No
	Trim Set (Plug)	Fischer	Part # 17B6692X022	2 NA	1-MS-PCV-102A	NA	Replacement	No.
								
7.	Description of Work	Replace trim :	set.		<u> </u>			
8.		Hydrostatic Pn Other Pressure	eumatic Noi psi					

recorded at the top of this form.

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

0	PO# CNT-556155 (plug), CNT-569504 (nuts), CNT-575958
Ð.	Applicable Manufacturer's Data Reports to be attached
	(studs)
Ĭ	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this replacement conforms to the rules of the
1	ASME Code, Section XI. repair or replacement
ľ	
Į	Type Code Symbol StampNA
	Certificate of Authorization No. NA Expiration Date NA
1	
	Signed William J. S.T. Engraver Date
L	
Г	
	CERTIFICATE OF INSERVICE INSPECTION
ı	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
ı	or Province of Virginia and employed by HSBI and I Co. of
	Hartford, Ct. have inspected the components described in this Owner's Report during the period 9/14/98 to 1/13/99, and state that
1	
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
1	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
1	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
1.	inspection.
	CommissionsVa. 883
	Commissions Va. 883 Hispector's Signature National Board, State, Province, and Endorsements
	/ -0
	Date. 1/12 1999

Attachment 2 Page 41 of 77 Serial No.: 99-038 Docket No.: 50-280

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

_								
1.	Owner_ Virgin	nia Electric		Co	Date 1/11/99	9		
		Name						
	5000 Dominion	Blvd., Glen Alle	en, Va. 23060		Sheet1_o	f1		
2	Plant Surry	Power Station	1		Unit_One			
٠.	riant,oarry	Name			Omt			
	5570 Hog Isla	and Rd., Surry, Va	a. 23883				-01, RR#98-098	
		Address					.O. No., Job No.,	
3.	Work Performed by	Virginia Power	Name		Type Code Symbol			
					Authorization No Expiration Date			
		Address			Expiration Bate			
4.	Identification of Sy	stemMain	Steam					
					NA ·		N-1 through N-	13
5.	(a) Applicable Cons	struction CodeB3	19	Edition,_	A	ddenda,_		_Code Case
	(b) Applicable Edit	ion of Section XI Uti	nized for Repairs	or Replacements	3 19			
6.	Identification of Co	emponents Repaired o	or Replaced and P	Replacement Con	nponents			
Г						I	 	_
	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 & Nuts	Mackson. Inc.	NA	NA	1-MS-PCV-102B	NA	Replacemen	No No
	Trim Set (Plug)	Fischer	Part # 17B6692X02	2 NA	1-MS-PCV-102B	NA	Replacemen	No
	- 1.							÷,
7.	Description of Work	Replace trim	set.					
8,	Tests Conducted:	Hydrostatic Pn Other Pressure	eumatic No					
	NOTE: Supplemen	tal sheets in form of	· lists, sketches, o	r drawings mav	be used, provided (1)	size is 8½	in, × 11 in., (2) i	nfe

recorded at the top of this form.

tion 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

PO#_CNT-556155_(plug), CNT-569504_(nuts), CNT-575958
, Remarks
Applicable Manufacturer's Data Reports to be attached
(studs)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this replacement conforms to the rules of the
ASME Code, Section XI.
T O I O I I I O
Type Code Symbol StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed 1/1/ Date 1/11 1999
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 <u>Virginia</u> and employed by <u>HSBI</u> and I Co. of
Hartford, Ct. have inspected the components described
0//00/ /12/00
in this Owner's Report during the period 7/19/5 to 1/12/77, and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
inspection.
Commissions Va. 883
Inspector's Signature National Board, State, Province, and Endorsements
// 00
Date 1//2 19/7
,

Attachment 2 Page 42 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=					-			
1.	Owner Virgi	nia Electric	and Power	Co.	Date 1/6/99			
•	<u></u>	Name				-	·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·	
	5000 Dominio	on Blvd., Glen Alle	en, Va. 23060		Sheet1o	f. 1		
		Address				-		
2.	Plant Surry	Power Station	n		Unit One			
		Name		-	-			
	5570 Hog Isl	land Rd., Surry, Va	. 23883				-01, RR#98-101	
	Address				Repair Organ	nization P	.O. No., Job No.,	etc.
3.	Work Performed b	y Virginia Power	Name		Type Code Symbol	Stamp	NА	
			Name		Authorization No	NA		
		Same as above			Expiration Date	NA		
		Address						
4.	Identification of S	ystemReact	or Coolant					
							N 4 blooming N	12
5.	(a) Applicable Co	nstruction CodeB3	19	Edition,_	A	ddenda,_	N-1 through N-	Code Case
	(b) Applicable Ed	ition of Section XI Uti	lized for Repairs	or Replacements	s 1989			
6.	Identification of C	components Repaired o	or Replaced and F	Replacement Cor	nponents			
_			τ					τ
	Name of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code Stamped (Yes or No)
	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	011107
	Studs & Nuts	Mackson. Inc.	NA	NA	1-RC-SV-1551A	NA	Replacemen	t No
							,	
						_		-
Γ	·						_	
					!			
7.	Description of Wor	rk Replace faste	ners.			-	•	
							·	
8.	Tests Conducted:	Hydrostatic Pr	eumatic No	minal Operating	Pressure			
		Other Pressure_						
	NOTE: Suppleme	ental sheets in form of	lists, sketches, o	or drawings may	be used, provided (1)	size is 8½	in. x 11 in., (2) i	nforma-

recorded at the top of this form.

tion 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

	PO# BNT-467650
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
	
Г	
ı	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement
	ASME Code, Section XI.
ŀ	Type Code Symbol StampNA
	Certificate of Authorization No. NA Expiration Date NA
	Signed W-4. Joseph ISI Elan Sel Date 1/6 , 1999
	Signed Owner or Owner's Designee, Title
_	
Г	CERTIFICATE OF INSERVICE INSPECTION
	1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
	or Province of Virginiaand employed by HSBI and I Co of
	Hartford. Ct
	in this Owner's Report during the period 9/17/98 to 1/7/99, and state that
1	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
	inspection.
	——————————————————————————————————————
	Commissions Va. 883
	Inspector's Signature National Board, State, Province, and Endorsements
	/ ~
	Date
L	
_	

Attachment 2 Page 43 of 77 Serial No.: 99-038 Docket No.: 50-280

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

_								
1.	Owner_ Virgin	nia Electric	and Power	Co	Date 1/6/99			
		Name		-				
	5000 Dominion	Address	en, Va. 23060		Sheet 0	f1	·	
2.	Plant Surry	Power Station	n		UnitOne			
		Name						
	5570 Hog Isla	and Rd., Surry, Va	23883				-01, RR#98-102	
							.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power	Name		Type Code Symbol			
		Same as above	Name		Authorization No	NA NA		
	-	Address			Expiration Date	- NA		
			or Coolant					
4.	Identification of Sy	stem		 ,,				
_	/a) Applicable Con	struction Code	31.1	55 Edition	NAA	ddondo	N-1 through N-	13 Code Core
5.		ion of Section XI Uti			0.0	duenua,_		_Code Case
	(b) Applicable Luit	ion or section XI on	inzed for Hepairs	or replacements	. 15			
6	Identification of Co	emponents Repaired o	or Replaced and F	Replacement Con	nnonents			
٠.	Taciff Acadion 5. Go	mponomo riopanda (, riopiacoa ana i	topidooment ooi	mponents			
			İ					ASME
			, ·				Banairad	Code Stamped
	Name of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	(Yes
	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	
	·			-		,		
_	Studs &	_						
_	Nuts ————	Mackson. Inc.	NA	NA	1-RC-SV-1551B	NA	Replacemen	No No
L		-			ļ		ļ	ļ- ·
_		-						<u> </u>
		İ						
	_ 	1	, -		1			
7	Description of Work	. Bonlago fasto	nora					
٠.	Description of Work	Replace faste	HETS.					
8.	Tests Conducted:	Hydrostatic Pn	eumatic No	ominal Operation	Pressure			
-•		Other Pressure						
					 •			
	NOTE: Supplemen	tal sheets in form of	lists, sketches. o	or drawings may	be used, provided (1)	size is 8½	in. x 11 in., (2) i	nforma-
			-		(3) each sheet is num			

(12/82)

recorded at the top of this form.

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

	PO#_BNT-467650
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
	
•	
-	
_	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this **replacement**
	ASME Code, Section XI.
ļ '	Type Code Symbol StampNA
l	
	Certificate of Authorization No. NA Expiration Date NA
	Signed 1. G. Rosere ISI Engressed Date 1/6 1999
	Owner or Owner's Designee, Title
_	
	GENTIFICATE OF INGENTION
	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 <u>Virginia</u> and employed by <u>HSBI and I Co</u> of Hartford, Ct. have inspected the components described
1	in this Owner's Report during the period 9//7/98 to 1/7/99, 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.
l	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
l	inspection.
	Commissions Va 883
l	Commissions Va 883 Inspector's Signature National Board, State, Province, and Endorsements
1	
ļ	Date 1/7 19/
1	Udit

Attachment 2 Page 44 of 77 Serial No.: 99-038

Docket No.: 50-280

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

_								
1.	Owner_ Virgin	nia Electric Name		Co	Date1/6/99			
	5000 Dominion	Blvd., Glen Alle		<u>.</u>	Sheet 1 o	f1		
2.	Plant_Surry		n	···-	Unit <u>One</u>			
	5570 Hoq Isla	Name	ı, 23883			-01, RR#98-10		
_		Address		,			.O. No., Job No.,	
ა.	Work Performed by	virginia Power	Name		Type Code Symbol : Authorization No			_
		Expiration Date	NA NA					
		Address	01					
4.	Identification of Sy	stemReact	or Coolant					
5.	(a) Applicable Con	struction CodeB3	1.1	55_Edition,	NA A	ddenda,_	N-1 through N-	_Code Case
	(b) Applicable Edit	ion of Section XI Uti	lized for Repairs	or Replacements	s 19 <u>89</u>			
6.	Identification of Co	emponents Repaired o	or Replaced and R	eplacement Cor	nponents			
}	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 & Nuts	Mackson. Inc.	AN	NA	1-RC-SV-1551C	AN	Replacemen	t No
				•				
7.	Description of Work	Replace faste	ners.					
8.	Tests Conducted:	Hydrostatic Pn						
					be used, provided (1) (3) each sheet is num			

recorded at the top of this form.

	PO# BNT-467650
9. R	Applicable Manufacturer's Data Reports to be attached
_	
_	
_	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this replacement conforms to the rules of the
Α	SME Code, Section XI. repair or replacement
_	,
Т	ype Code Symbol StampNA
l c	ertificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u>
s	igned W. L. Lose ISI Edinesa Date 1/6 1989
<u> </u>	Owner or Owder's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
1.	the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
	r Province of Virginia and employed by HSBT and I Co of
_	TI
ir	this Owner's Report during the period 9/17/98 to 1/2/99, and state that
	the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
C	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
	xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
l	respection.
	$\mathcal{I}(\mathcal{I}(\mathcal{I})) = \mathcal{I}(\mathcal{I})$
-	Commissions Va. 883
	Inspector's Signature National Board, State, Province, and Endorsements
[_	1/7 199
	Date19

Attachment 2 Page 45 of 77 Serial No.: 99-038 Docket No.: 50-280

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

Owner Virgini	a Electric a	nd Power (Co.	Date 12/2/98			
5000 Dominion	Blvd., Glen Allen	, Va. 23060	_	Sheet 1	of1		
	Address						
Plant Surry Po	ower Station			Unit_One		1947 /s	100 160
5570 Hog Tslan	d Rd., Surry, Va.	23883		,	WO#00376	67 859 /2	<i>7111</i> 36 104
	Address		····			.O. No., Job No.,	
Work Performed by	Virginia Power			Type Code Symbol	Stamp	NA	
		Name	_	Authorization No.	NA		
s	ame as above Address			Expiration Date	NA		
				•			
Identification of Sys	item reedwa	cer			 -	-	
	ion of Section XI Uti						
Identification of Co	mponents Repaired o	or Replaced and I	Replacement Con	nponents		·	,
<u>, 4, 5, 7, 7</u>			National	15		Repaired,	ASME Code Stampe
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes or No
14" Sweep	Energy & Process Corp	NA	NA	14"-WEPD-13-601	NA.	Replacement	No
" 120 Degree Bend	Energy & Process Corp.	_NA	NA .	14"-WFPD-13-601	AN	Replacement	No
14" Pipe	Tioga Pipe Supply	NA	NA	14"-WFPD-13-601	NA	Replacement	No
			7 0				
							•
Description of West		d- G V 416	11			 	
Description of Work	reprace hibs. co.	de Case N-416-	r appries.			·	
	·		ominal Operating Test Temp.				

	CNT-557531 (14" sweep & 120 degree bend), CNT-553709
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
	(14" pipe)
_	
	CERTIFICATE OF COMPLIANCE
1	We certify that the statements made in the report are correct and this replacement conforms to the rules of the
	ASME Code, Section XI. repair or replacement
	, , , , , , , , , , , , , , , , , , ,
	·
	Type Code Symbol StampNA
	Type code dymbol stamp
1	Cartificate of Authorization No. NA Expiration Data NA
	Certificate of Authorization No. NA Expiration Date NA
	all Tet Comments
	Signed W. L. Constant TSI ENGINETY Date 12/2 , 19 98 Owner or Owner's Designee, Title
L	
_	
l	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 HSBI and I Co. of
	Hartford, Cthave, inspected_the components described
l	in this Owner's Report during the period $\frac{9/29/98 \text{ to } \frac{13/8}{98}}{}$, 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
l	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,
	// X > 4/\lambda
	CommissionsVa. 883
	Inspector's Signature National Board, State, Province, and Endorsements
	Date
l	10

Attachment 2 Page 46 of 77 Serial No.: 99-038 Docket No.: 50-280

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

1. Owner Virgini	la Electric a	nd Power C	0	Date 12/3/98			
	Name						
5000 Dominion	Blvd., Glen Allen	, Va. 23060		Sheet 1	of1		
	Address			_			
2. Plant_Surry P	ower Station		.	Unit One	1.10%		
	Name	,		3	• الألواملا		
5570 Hog Islan	d Rd., Surry, Va.	23883	·		65790-04	.O. No., Job No.,	oto .
						NA	etc.
3. Work Performed by	Work Performed by Virginia Power			Type Code Symbol	•	· · · · · · · · · · · · · · · · · · ·	
				Authorization No			
S	ame as above Address			Expiration Date	MA		
4. Identification of Sy	etem Boogto	r Coolant					
, identification of Sy	Stein Reacce	1 COOTAIL					
6. Identification of Co	mponents Repaired o	or Replaced and F	Replacement Com	ponents	,	Ţ.··	,
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)
im Assembly (Plug)	Cones-Vulcan	Part #	NA.	1-RC-PCV-1456	NΔ	Replacement	- No
	_						
 							
			-	·			
. Description of Work	Overhaul valve.	(Completed 10/	31/98).				
	•	eumatic No	minal Operating F	_			
NOTE: Supplement tion in items 1 thro recorded at the top	tal sheets in form of ough 6 on this report of this form.	lists, sketches, o	r drawings may bo ach sheet, and (3	e used, provided (1)) each sheet is num	size is 8½ nbered and	in. x 11 in., (2) i d the number of s	nforma- heets is

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

(12/82)

	PO # CN1-576469
	Remarks
	Applicable Manufacturer's Data Reports to be attached
	3
_	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
	Type Code Symbol StampNA
	Certificate of Authorization No. NA Expiration Date NA Signed A L. Lose ISI Evante Date 12/3 1998
_	Signed Will Date
	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 HSBI and I Co. Hartford, Ct. have inspected the components described.
	in this Owner's Report during the period $\frac{9/21/9\%}{12/9\%}$ to $\frac{12/9\%}{12/9\%}$, and state that
	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 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 the
	inspection.
	Commissions Va. 883 National Board, State, Province, and Endorsements
	Mational Board, State, Province, and Endorsements
	Date

Attachment 2 Page 47 of 77 Serial No.: 99-038 Docket No.: 50-280

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

_											
1.	Owner Virgin	ia Electric a	and Power C		Date_ 12/1/98			_			
		Name									
	5000 Dominion	Blvd., Glen Aller	ı, Va. 23060		Sheet 1	of 1					
		Address									
2.	Plant Surry H	Power Station			Unit_One						
	· · · · ·	Name						-			
	5570 Hog Isla	nd Rd., Surry, Va.	23883		WO#00384333-01, RR#98-106						
		Address			Repair Orga	nization F	.O. No., Job No.,	etc.			
3.	Work Performed by	Virginia Power			Type Code Symbol	Stamp	NA				
			Name		Authorization No	NA					
		Same as above		Expiration Date	NA	- <u>-</u> -					
		Address									
4.	Identification of Sy	ystemReacto	r Coolant								
6.		tion of Section XI Ut									
	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)			
	Stude & Nute	-Mackson, Inc.	NA	NA NA	1-RC-TV-1519A	NA.	Replacement-	No			
		ITT Eng.	Drawing No.			}					
	Bonnet	Valves	103536, Rev	. C NA	1-RC-TV-1519A	NA	Replacement	No _			
7.	Description of Worl	Replace operator	/bonnet assemb	ly.							
8.	Tests Conducted:	· <u>—</u>		minal Operating Test Temp							
	NOTE: Supplemention in items 1 threcorded at the top	ntal sheets in form of ough 6 on this repor of this form.	lists, sketches, o	r drawings may each sheet, and	be used, provided (1) (3) each sheet is num	size is 8% nbered an	in. × 11 in., (2) i d the number of:	nforma- sheets is			

	PO# CNT-563390 (studs), BNT-467650 (nuts), CNT-570393
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
	(bonnet assembly)
	(Domet absenbly)
	\cdot
T	
1	CERTIFICATE OF COMPLIANCE
l	We certify that the statements made in the report are correct and this replacement conforms to the rules of the
	rangir Ar ranjagament
l	ASME Code, Section XI.
l	
l	Tura Cada Surabal Starra
1	Type Code Symbol Stamp
ł	
	Certificate of Authorization No. NA Expiration Date NA
ı	Signed W. G. Rosen ISI ENGINEER Date 12/1 1998
	Signed W. 4. Moseum 1912 ENGINEEM Date 72/1 1970
L	Owner of Owner Designee, Title
_	
I	CERTIFICATE OF INSERVICE INSPECTION
ı	
ı	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
ı	or Province of Virginia and employed by HSBI and I Co. of
	Hartford, Cthave inspected the components described
ı	9/3/60 12/666
1	in this Owner's Report during the period
l	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
1	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
1	·
ı	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
ı	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
1	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
l	inspection,
1	
	Va. 883
ı	Commissions
	Mational Board, State, Province, and Endorsements
l	<i>y</i> .
1	12/20 98
l	Date19
L	

Attachment 2 Page 48 of 77 Serial No.: 99-038

Docket No.: 50-280

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

=								
1	Owner Virgini	ia Electric a	and Power (Co.	Date 12/3/98			
٠.	Owner	Name			Date			
	5000 Dominion	Blvd., Glen Alle	n, Va. 23060		Sheet1	_{.f} 1		
		Address			01100120			
2.	Plant_ Surry P	ower Station	L		Unit One		•	
		Name						
	5570 Hog Islan	d Rd., Surry, Va	. 23883		WO#0	0391924-	01, RR#98-107	
		Address	-		Repair Orga	nization P	.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power			Type Code Symbol	Stamp	NA	
	•		Name		Authorization No			
	s	lame as above			Expiration Date	NA.		
		Address						
4.	Identification of Sys	stemResid	ual Heat Remova	al <u> </u>				
5.	(a) Applicable Cons	truction CodeB3	<u>1.1</u> 19	55 Edition,_	NA A	ddenda, <u>N</u>	-1 through N-1	Code Case
	(b) Applicable Editi	ion of Section XI Ut	ilized for Repairs	or Replacements	19 <u>89</u>			
6.	Identification of Co	mponents Repaired	or Replaced and F	Replacement Con	nponents			
_	· · · · · ·	1	1	1	T	r	T	,
								ASME
1								Code
				National		ļ	Repaired,	Stamped
	Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	(Yes
	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
	12" Flange	Tioga Pipe Supply	NA NA	NA.	12"-RH-19-602	NA.	Replacement	No
<u> </u>								
	12" Pipe	Energy & Process Corp.	NA	NA	12"-RH-19-602	NA.	Replacement	No
-		Tioga					-	
	3" Flange	Pipe Supply	NA	NA	12"-RH-19-602	NA	Replacement	No
H		Consolidated					1	
	3" Branch	Power Supply	NA	NA	12"-RH-19-602	NA	Replacement	No
┝					-			
	3" Pipe	Dubose Steel	NA	AN	12"-RH-19-602	NA	Replacement	No
⊣								
	12" Pipe	Radnor Alloys, Inc.	AN	NA.	12"-RH-19-602	NA.	Replacement	No .
Ц	· · · · · · · · · · · · · · · · · · ·	<u> </u>	l		<u> </u>	L		
_		Replac	e piping. Code	e Case N-416-a	pplies (Completed	11/5/98)		
7.	Description of Work		oo papang. cou					
	Task One it and		🗆 💀		n 🔽			
ŏ,			eumatic No					
		Other Pressure	psi	iest iemp	°F			
	NOTE: Supplement	tal aboute in forms -	Fliata alcotabas s	or drowings rest	he used, provided (1)	nizo in 91/	in v 11 in /2\ :	nforma-
	AND IT. SUDDIEMEN	iai sueeis ili iliCili O'	LISTS SKEITHES, C	a mavviilus illäv	ue useu. Diuviueu III	314E IS 072	1111a A I I IIIIaa (47 I	111/11/10

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.

	PO # CNT-567979, CNT-574103, CNT-576661, CNT-575167,
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
	CSY-211480, CNT-576259
•	
	· · · · · · · · · · · · · · · · · · ·
ĺ	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.
	Politic Gode, Godelion XII
	
	Type Code Symbol StampNA
	Certificate of Authorization No. NA Expiration Date NA
	$\bigcap \bigcap $
	Signed W. G. Rogers ISI ENGINEER Date 12/3 , 1998
1	Owner or Owner's Designee, Title
Щ	
	OFFICIONES OF INDEPLYIOR INDEPLYIOR
	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 HSBI and I Co. of
	Hartford, Ct. have inspected the components described
	in this Owner's Report during the period $9/29/98$ to $12/8/98$, and state that
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
	shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
	inspection.
	CommissionsVa. 883
1	Anspector's Signature National Board, State, Province, and Endorsements
1	1 ~ 0~
1	Date
L	

Attachment 2 Page 49 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=		As Requ	irea by the Provi	ISIONS OF THE A		n XI			
1.	Owner Virgin	nia Electric		o	Date12/30/9	8			
	5000 Daminian	Name							
	5000 Dominion	Address	11, va. 23060	_ 	Sheet	of			
2	Plant Surry	Power Station	ı		UnitOne				
۷.	riant	Power Statior Name			Unit				
	5570 Hog Isla	and Rd., Surry, Va	. 23883				01, RR#98-112	·	
		Address		-	Repair Orga	nization F	.O. No., Job No.,	etc.	
3.	Work Performed by	Virginia Power Y	Name		Type Code Symbol				
			1401110		Authorization No. NA Expiration Date NA				
		Same as above Address			Expiration Date	NA			
4.	Identification of Sy	ystemCharg	ing						
	(b) Applicable Edi	nstruction Code B3 tion of Section XI Ut omponents Repaired	ilized for Repairs o	or Replacement	s 19 <u>89</u>	ddenda, <u> </u>	N-1 through N-1	Code Case	
	• .			٠.				ASME	
	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)	
	Pipe Couplings	Dubose Nat. Energy Serv.	Ht. # 600562	NA	2"-CH-216-152	NA	Replacement	No	
				,					
								-	
	Description of Wor	Hydrostatic Pr	neumatic Nor	minal Operating		es.	<u> </u>		
		Other Pressure ntal sheets in form orough 6 on this report of this form.	f lists, sketches, or		be used, provided (1)				

(12/82)

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

9. Remarks	
Applicable Manufacturer's Data Reports to be attached	
<u>- </u>	_
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules ASME Code, Section XI.	of the
Type Code Symbol StampNA	
Certificate of Authorization No. NA Expiration Date NA Signed D L Roser ISI Expiration Date 12/30 , 198	· · · · · · · · · · · · · · · · · · ·
Öwner or Öwner'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 Virginia and employed by HSBI and I Co. Hartford, Ct. have inspected the components do in this Owner's Report during the period 10/5/99 to 1/5/99 and strength	of escribed
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described	
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, concern examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his examinations and corrective measures described in this Owner's Report.	mployer
Commissions Va. 883 Inspector's Signature Commissions National Board, State, Province, and Endorsem	nents
Date	

Attachment 2 Page 50 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=								
1.	Owner Virgin	ia Electric	and Power (Co	Date 1/12/99)		
		Name						
	5000 Dominion	Blvd., Glen Alle	n, Va. 23060		Sheet 1 o	f1		
		Address						
2.	Plant_Surry I	Power Station	1		Unit One			
		Name						
	5570 Hog Isla	nd Rd., Surry, Va	. 23883				-01, RR#97-122	
		Address			Repair Organ	nization P	.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power			Type Code Symbol S	Stamp	NA	
			Name		Authorization No			
		Same as above			Expiration Date	AN		
		Address	inmant Course					
4.	Identification of Sys	stem	inment Spray					
	5. (a) Applicable Construction Code19							
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	Nuts	Mackson. Inc.	NA	NA	1-CS-MOV-101A	NA	Replacement	Мо
	Disc	Posi-Seal International	Serial # 22462-01A	NA	1~CS-MOV-101A	NA	Replacement	No
	· · · · · · · · · · · · · · · · · · ·							
7.	Description of Work	Overhaul valve	e					
8.	Tests Conducted:	Hydrostatic Pn Other Pressure			_			

recorded at the top of this form.

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

9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
•	
	CERTIFICATE OF COMPLIANCE
\	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the
	ASME Code, Section XI. repair or replacement
1	
	Type Code Symbol StampNA
-	Certificate of Authorization No. NA Expiration Date NA
	Signed Life Language TST Lugineel Date 1/12 , 19 98
_	
1	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 <u>Virginia</u> and employed by <u>HSBI</u> and I Co. of
	in this Owner's Report during the period 5/30/97 to 1/12/99, and state that
l	, , ,
ı	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
ı	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
ı	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
1	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
1	inspection,
1	CommissionsVa. 883
	Inspector's Signature National Board, State, Province, and Endorsements
	1/12 10 99
	Date19/

Attachment 2 Page 51 of 77 Serial No.: 99-038

Docket No.: 50-280

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

=								
1.	Owner Virgin	nia Electric a		o. <u> </u>	Date_12/2/98			
		Name						
	5000 Dominion	Blvd., Glen Aller	ı, Va. 23060		Sheet1	of1		
	_	Address						
2.	Plant_Surry	Power Station			Unit_One			
		Name						
	5570 Hog Isla	Address	23883				RR#98-131	
							2.O. No., Job No.,	etc.
3.	Work Performed b	Virginia Power	Name		Type Code Symbol			
			1401116		Authorization No.			
		Same as above Address			Expiration Date	NA.		
4.	Identification of S	System Reacto	or Coolant	-				
								_
5.		nstruction CodeB31				\ddenda,_	N-1 through N-1	Code Cas
	(b) Applicable Ed	ition of Section XI Ut	ilized for Repairs	or Replacements	1989			
6.	Identification of C	Components Repaired	or Replaced and R	leplacement Com	ponents			
_						T		ī
			1					ASME
								Code
				National			Repaired,	Stamped
	Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	(Yes
	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
]		
			-	•		+		
		1						
_	Thermowell	Westinghouse	NA NA	АИ	1-RC-P-1B	NA.	Repaired	No
						}	1	}
				-			-	
_							 	-
		-						
_			L			I.	·	
	B - 1-11- (11)		•					
/ .	Description of Wor	k Repair thermowel	4					
	Tosta Candustado	Liudenatotia Dr	eumatic No	minal Operating	Procesure			
э.	Tests Conducted:	• • • • • • • •	psi					
		Other Pressure_	hzi		Г			
	NOTE: Complete	ntal sheets in form of	liete ekstahan s	r drawings may h	e used provided (1)	eize ie 914	in x 11 in /2\ i	nforma-
	tion in items 1 th	rough 6 on this repor	t is included on e	ach sheet, and (3) each sheet is num	nbered an	d the number of	sheets is
	recorded at the top							
	•							

	None
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
	·
_	
l	CERTIFICATE OF COMPLIANCE
l	We certify that the statements made in the report are correct and this repair conforms to the rules of the
	rongir or rongrament
	ASME Code, Section XI.
l	
l	Type Code Symbol StampNA
t	
1	Considerate of Authorization No. NA. Funitation Date NA
	Certificate of Authorization NoExpiration Date
	Signed W. h. Logers IST Examela Date 12/2 1998
1	Signed White document is Exampled Date 12/2 19 48
	Owner or Owner's Designee, Title
_	
	CERTIFICATE OF INSERVICE INSPECTION
ı	
ı	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 HSBI and I Co. of Hartford, Ct.
l	have inspected the components described
l	in this Owner's Report during the period 10/28/78 to 13/8/98, and state that
l	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
l	
l	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
l	inspection.
	Va. 883
	Commissions National Board, State, Province, and Endorsements
1	
l	
1	Date
L	

Attachment 2 Page 52 of 77 Serial No.: 99-038 Docket No.: 50-280

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

_								
								_
1	Owner Virgin:	ia Electric a	and Power C	o.	Date11/25/9	8		
٠.	OWING!	Name			Date			
	5000 Dominion	Blvd., Glen Aller	ı, Va. 23060		Sheet1	. 1		
		Address			Sneet	DT		
_	_ Surry P	ower Station			Unit			
2.	Plant_Surry P	Name			Unit			
	5570 Hog Telar		22882		W∩#nn391*	746-01	RR#98-132	
	5570 Hog Island Rd., Surry, Va. 23883							
		Virginia Power			Nepair Orga	inization P	.O. No., Job No., NA	etc.
3.	Work Performed by	'			Type Code Symbol	Stamp		
			Name		Authorization No.	NA		
		Containment Spray	SAME AS A	BONE	Expiration Date	NA.		
	Del 11/2	Address estem Chargi	•					
4.	Identification of Sy	stem Chargi	THE CONTAINS	ENT STRAY				
-	•						· · ·	
E	(a) Applicable Con	struction CodeB31	1 10	55 Edition	NA .	ddende ^N	I-1 through N-1	-Foda Coco
٥.		ion of Section XI Ut						_0000 0030
	(D) Applicable Eult	ion of Section AT Of	ilized for Mepails	or neplacements	19			
_								
6.	Identification of Co	imponents Repaired	or Replaced and F	Replacement Con	nponents			
_		 	1		1	,	,	,
1			-				İ	ASME
								Code
ł	•			National		- "	Repaired,	Stamped
	Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	(Yes
ł	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
1	oon pondit		0011011101				1	}
							1	' I
	Studs	Velan	Order # P2-75345-KS	P. NA.	1-CS-127	NA.	Replacement	No I
_	Douds	VCIAII	12 /3343-NO			- NA	Kepracement	NO.
ł		1					}	
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	<u> </u>	ļ <u> </u>		 	<u> </u>		·	
		1				1	1	ľ
						<u> </u>		
7.	Description of Work	Inspect check va	lve.				••	
•	Description of trons							
	Tests Conducted:	Hudrostatia Da	eumatic No	minal Operation	Brossure			
о.		·	_	•				•
		Other Pressure_	psi	iest iemp	F			
								_
	NOTE: Supplemen	tal sheets in form of	lists, sketches, o	r drawings may b	e used, provided (1)	size is 8½	in. x 11 in., (2) i	ntorma-
		ough 6 on this report	t is included on e	ach sheet, and (3) each sheet is nun	nbered and	the number of	ineets is
	recorded at the top	or this form.						

	PO# SY-343872
	Remarks
	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the
	ASME Code, Section XI. repair or replacement
	NA NA
	Type Code Symbol Stamp
	Constitutes of Australia Ala NA
	Certificate of Authorization NoExpiration Date
	Signed Ward L. World IST ENGINEE 11/25 , 19 98 Owner of Owner's Designee, Title
_	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by and employed by of
	Hartford, Ct. have inspected the components described
	in this Owner's Report during the period $\frac{10/38/96}{\text{to}}$ to $\frac{12/9/98}{\text{to}}$, and state that
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
	shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
	inspection.
	Va. 883
	Commissions National Board, State, Province, and Endorsements
	/ 00
	Date

Attachment 2 Page 53 of 77 Serial No.: 99-038

Docket No.: 50-280

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

				-				
1.	Owner_Virgin	ia Electric a	and Power C	Co.	Date12/4/98			
••		Name						
	5000 Dominion	Blvd., Glen Aller	n, Va. 23060		Sheeto	_ 1		
	-	Address			Sheeto	t		
	Surry F	Power Station			One			
2.	PlantPlant	Name	•		Unit			
					!!			
	5570 Hog Islan	nd Rd., Surry, Va.	. 23883				01, RR#98-133	
		Address			Repair Organ	nization P	.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power			Type Code Symbol S	Stamp	NA	
	•	•	Name		Authorization No	377		_
		Same as above			Expiration Date			
		Address			Expiration Date	VAC-2		
		Baadii						
4.	identification of Sy	stemFeedwa	acer					····
		70.0					ر. سام در در در در در در در در در در در در در	_
5.	(a) Applicable Con	struction CodeB31	19.	55 Edition,	NA A	ddenda,_	1-1 through N-1	Code Case
	(b) Applicable Edit	ion of Section XI Uti	lized for Repairs	or Replacements	19 <u>89</u>			
6.	Identification of Co	omponents Repaired o	or Replaced and R	Replacement Con	nponents			
		,						
	•							
			}					ASME
	at the second se			٠,	·	-		Code
'				National			Repaired,	Stamped
	Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	(Yes
	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
				·				

	CII Dina	Consolidated	115 # VCOCEC	NTD	1-WFPD-HSS-15 &	, NTD	Dan la serie	N-
	6" Pipe	Power Supply	Ht # X62656	NA	1-WFPD-HSS-16	NA	Replacement	No
	4 /0 !!	Consolidated	VY G4005		1-WFPD-HSS-15 &		D1	
	1/2" Plate	Power Supply	Ht # C4286	. NA	1-WFPD-HSS-16	NA	Replacement	No
_		**	-	-				
					-			-
					 			,
								ll
			•					
7.	Description of Work	Instal	l trunnion.(Co	ompleted 11/13	/98).			
•	Description of Work	`	_					
0	Tasta Candinatadi	11d			, n			
υ,	Tests Conducted:			minal Operating				
		Other Pressure_	psi	Test Temp				
					be used, provided (1)			
	tion in items 1 thre	ough 6 on this report	t is included on e	each sheet, and	(3) each sheet is num	bered an	d the number of	sheets is

recorded at the top of this form.

CNT-468417 (6" pipe), CNT-560805 (1/2" plate)
Remarks
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements 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 Stemp NA
Type Code Symbol StampNA
Cartificate of Authorization No. NA Expiration Data NA
Certificate of Authorization No. NA Expiration Date NA
$(1) P = C \qquad (2) 1 \qquad 0$
Signed W. J. Roser IST ENGINEER Date 12/4 , 19 98
Owner or Owner 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 HSBI and I Co.
Hartford, Cthave, inspected the components described
in this Owner's Report during the period 10/28 to 12/7/98 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 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.
Commissions Va. 883
Inspector's Signature National Board, State, Province, and Endorsements
12/3 1098
Date19/0

Attachment 2 Page 54 of 77 Serial No.: 99-038

Docket No.: 50-280

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

1.	Owner_ Virgin	ia Electric	and Power	Co.	Date 1/13/9	9		`
•		Name			Data			
	5000 Dominion	Blvd., Glen Alle	n, Va. 23060		Sheet 1	of1		
		Address				•		
2.	PlantSurry D	Power Station	1		Unit_One			
	•	Name						
	5570 Hog Isla	nd Rd., Surry, Va	. 23883		WO#	00380019	-03, RR#98-134	1
		Address		-	Repair Orga	nization P	.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power	Name		Type Code Symbol	Stamp	AN	
					Authorization No.	NA		
		Same as above			Expiration Date			
		Address					•	
4.	Identification of Sys	stemReact	or Coolant					
							N-1 through N-	10
5.	(a) Applicable Cons	struction Code	19	Edition,,	A	ddenda,_	N-1 chrough N-	_Code Case
	(b) Applicable Editi	ion of Section XI Uti	lized for Repairs	or Replacements	s 1989			
6.	Identification of Co	mponents Repaired o	r Replaced and F	Replacement Cor	nponents			
				1	1			, —
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	Bolts	Astro Nuclear Dynamics	NÀ	NA	1-RC-E-1B	NА	Replacemen	ио по
\vdash						 		
	•							
-								
						Į		ł
	·		<u> </u>		<u> </u>	1	ļ	-
7.	Description of Work	Replace second	dary manway bo	lts.			·	
8.	Tests Conducted:	Hydrostatic Pn Other Pressure	eumatic No	=	_			
	NOTE: Supplement	tal sheets in form of	lists, sketches, o	or drawings may	be used, provided (1)	size is 8½	in. x 11 in., (2) i	nforma-

recorded at the top of this form.

tion 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

9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
	· · · · · · · · · · · · · · · · · · ·
	CERTIFICATE OF COMPLIANCE
1	We certify that the statements made in the report are correct and this **xeplacement** conforms to the rules of the repair or replacement
1	ASME Code, Section XI. repair or replacement
ı	Type Code Symbol StampNA
l	
	Certificate of Authorization No. NA Expiration Date NA
1	Signed W. H. Welsh ISI ENGINEER Date 1/13 , 19 99
L	Owner or Owner's Designee, Title
Г	
1	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 <u>Virginia</u> and employed by <u>HSBI and I Co</u> of
1	Hartford, Ct. have inspected the components described in this Owner's Report during the period 10/29/98 to 1/19/99 , and state that
1	
1	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
1	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
1	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
1	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.
	1150 710
	Commissions Va. 883 Inspector's Signature National Board, State, Province, and Endorsements
	, and Endorsements
Ĺ	1/19 1.99
1	Date

Attachment 2 Page 55 of 77 Serial No.: 99-038 Docket No.: 50-280

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

As Required by the Provisions of the ASME Code Section XI

_				=						
1.	Owner Virgin	ia Electric	and Power	Co.	Date 1/13/99)				
						-				
	5000 Dominion	Blvd., Glen Alle	n, Va. 23060		Sheet of	·				
_	a. Curry		,		One					
2.	Plant Surry	Name			Unit One					
	5570 Hog Tsla	nd Rd., Surry, Va	22882		WO#00399484-01, RR#98-135					
	5570 Hog 1514	Address	23883				.O. No., Job No.,			
2	Work Performed by	Virginia Power			Type Code Symbol S	Stamp	NA			
٥.	Work renormed by	• • • • • • • • • • • • • • • • • • • •	Name		Authorization No					
		Same as above			Expiration Date	NA				
		Address		-				-		
4.	Identification of Sys	charg	ing					_		
5.	(a) Applicable Cons	struction Code	1.1 19	Edition,_	NA Ac	denda,_	N-1 through N-1	Code Case		
	(b) Applicable Editi	ion of Section XI Uti	lized for Repairs	or Replacements	: 19 ⁸⁹					
6.	Identification of Co	mponents Repaired o	r Replaced and F	Replacement Con	nponents					
		 				<u>_</u>				
	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 & Nuts	Mackson, Inc.	NA	NA.	1-CH-HCV-1310A	NA	Replacement	. No		
_	Trim Assembly (Plug)	Copes- Vulcan	Ht. # 62348	NA	1-CH-HCV-1310A	NA	Replacement	No		
7.	Description of Work	Overhaul valv	e							
8,		Hydrostatic Pn Other Pressure	eumatic							
	NOTE: Supplement	tal sheets in form of	lists, sketches, o	or drawings may l	be used, provided (1)	size is 8½	in. x 11 in., (2) i	nforma-		

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.

PO# CI	NT-573353 (nuts), CNT-575889 (nuts), CSY-175881
, Remarks	
	Applicable Manufacturer's Data Reports to be attached
(trim	assembly)
•	
	CERTIFICATE OF COMPLIANCE
101	
ASME Code, Section XI.	the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
Type Code Symbol Stamp	NA
., , , , , , , , , , , , , , , , , , ,	
Certificate of Authorization	on No. NA Expiration Date NA
Certificate of Authorization	TINO Expiration Date
	ers ISI Examile Date 1/13 1999
Signed Owner or Owner	ess — SI Enguille Date 1/13 , 19 99
	OFFICIOATE OF INSERVICE INSERTION
	CERTIFICATE OF INSERVICE INSPECTION
	g a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Province of Virgin	
Hartio	rd, Ct. have inspected the components described
in this Owner's Report d	uring the period $10/30/9\%$ to $1/19/99$, and state that
to the best of my knowle	dge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accorda	ance with the requirements of the ASME Code, Section XI.
•	ate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
. • -	
	ive measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
·	ner for any personal injury or property damage or a loss of any kind arising from or connected with this
inspection.	
	$1/\sqrt{2}$
	Commissions Va. 883
fnspect	or's Signature National Board, State, Province, and Endorsements
	1.0 00
Date.	<u>/// 19/7 / </u>
,	<u> </u>

Attachment 2 Page 56 of 77 Serial No.: 99-038 Docket No.: 50-280

•

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

=								
1.	Owner Virgin	ia Electric a		Co.	Date 12/1/98			
		Name			_	_		
	5000 Dominion	Blvd., Glen Aller	·		Sheet1	of <u> </u>		
		Address	•					
2.	Plant_Surry	Power Station			Unit_One			
	_	Name						
	5570 Hog Isla	5570 Hog Island Rd., Surry, Va. 23883					RR#98-138	
		Address			Repair Orga	inization P	.O. No., Job No., NA	etc.
3,	Work Performed b	y	Name		Type Code Symbol	•		
			·		Authorization No.	NA		
		Same as above Address			Expiration Date	NA		
					•			
4.	Identification of S	ystemSafety	/ Injection			· · · · · · · · · · · · · · · · · · ·		
5,	(a) Applicable Cor	nstruction CodeB31	19	55 Edition,_	NA A	\ddenda,_ <u>\</u>	N-1 through N-1	Code Case
	(b) Applicable Edi	ition of Section XI Ut	ilized for Repairs	or Replacements	1989			
					•			
6.	Identification of C	omponents Repaired	or Replaced and I	Replacement Com	ponents			
		,	,	1	, 	T	· · · · · · · · · · · · · · · · · · ·	
								4 0145
ł								ASME Code
				Alasianah			Repaired.	Stamped
	Name of	Name of	Manufacturer	National Board	Other	Year	Replaced,	(Yes
	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
L			<u> </u>	ļ	·			
			"	f				
	Valve	Velan	Figure # X14-31148-1	RMS NA	1-ST-85	NA.	Replacement	No
							_	
			Ì					
					- 			
			İ					
	-							
			Ì					}
		- 	J			•	•	
7	Description of Wor	k Replace valve. (Tode Case N-416	i-1 applies				
•	Description of 140	K Replace Valve.	COUL CUBE IN 111	, I applies.				
٥	Tests Conducted:	Hudrostatio Pr	neumatic No	minal Operating	Proceura V			
ο,	Tests Conducted:			ominal Operating Test Temp				
		Other Pressure_	psi	i est i emp	F			
			Ellina alvente :		outed prouded (4)	aino in Ot	in v 11 in /0\:	nforma
	NOTE: Supplement	ntal sheets in form of ough 6 on this repor	r 11sts, sketches, (t is included on t	or drawings may be	e usea, providea (1) 3) each sheat is nun	nbered and	in. x ii in., (2) i i the number of	sheets is
	recorded at the top		t is illululusti off	udon anest, and to	or agent affect to fight			
		ing reith						

	PO# CNT-539932
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
_	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI.
	Type Code Symbol StampNA
	Certificate of Authorization No, NA Expiration Date NA
	Signed W-h. Rogers ISI ENGINEER Date 12/1 , 1998
	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 Vessei Inspectors and the State
	or Province of Virginia and employed by HSBI and I Co. of
	Hartford, Ct. have inspected the components described
	in this Owner's Report during the period $11/2/96$ to $12/9/96$ the components described to the components descri
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
	shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
	inspection,
	CommissionsVa. 883
	Mational Board, State, Province, and Endorsements
	.10 90
	Date19/\(\frac{1}{2}\)

Attachment 2 Page 57 of 77 Serial No.: 99-038 Docket No.: 50-280

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

_								
1.	Owner_Virgin	ia Electric a	ind Power C		12/15/9 Date1	8		
		Name			1	1		
	5000 Dominion	Blvd., Glen Aller	., Va. 23060 		Sheetc	of		
	Curry I	Address			One			
2.	Plant	Power Station		- 	Unit			
	EETO Hog Telay		23883		WO#0	0384251-	02, RR#98-140	
	5570 Hog Island Rd., Surry, Va. 23883 Address							
		Virginia Power					.O. No., Job No.,	
3.	Work Performed by	,	Name		Type Code Symbol	Stamp		
		_			Authorization No			
		Same as above Address			Expiration Date			
			- Valve					
4.	Identification of Sy	stemRelief						
	(b) Applicable Edit	struction CodeB33	lized for Repairs	or Replacements	1989	ddenda,_	-1 through N-1	Code Case
6.	Identification of Co	omponents Repaired o	or Replaced and F	replacement Con	nponents	, -		
		·		National			Repaired,	ASME Code Stamped
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes
ļ	Relief Va lv e	Crosby	N72390- 00-0003	NA	1-CH-RV-1203	NA	Replacement	No
7.	Description of Work		ce relief valv	e. (Completed	11/3/98).			
8.	Tests Conducted:	Hydrostatic Pn Other Pressure	eumatic No	minal Operating Test Temp				
•	NOTE: Supplemention in items 1 threecorded at the top	ntal sheets in form of ough 6 on this report of this form.	lists, sketches, o	or drawings may leach sheet, and (be used, provided (1) (3) each sheet is nun	size is 8½ nbered an	in. x 11 in., (2) i d the number of s	nforma- sheets is

(12/82)

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

	PO# SY-09865
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
_	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the
1	ASME Code, Section XI.
1	·
	Type Code Symbol StampNA
l	
1	Certificate of Authorization No. NA Expiration Date NA
1	Signed W. L. Coser ISI ENGINEER Date 12/17 19 98
i	Owner or Owner's Designee, Title
_	
Г	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 HSBI and I Co. of
	Hartford, Ct. have inspected the components described
	in this Owner's Report during the period 11/3/98 to 12/31/98, and state that
Ì	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
1	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
1	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
1	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,
	mspection. A
ı	CommissionsVa. 883
	Inspector's Signature National Board, State, Province, and Endorsements
l	
1	12/21 10 98
ŀ	Date19 7 0

Attachment 2 Page 58 of 77 Serial No.: 99-038 Docket No.: 50-280

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

	Owner	ia Electric a		- 	12/15/9 Date			
		Name Blvd., Glen Allen			1 Sheet	1 ·		
		Address			Sheetc	f		 ·
2	Surry I	Power Station			One Unit			
•• •		Name					01, RR#98-143	
	5570 Hog Isla	nd Rd., Surry, Va.	23883 ———				·	
		Address Virginia Power					.O. No., Job No.,	
3. 1	Work Performed by	'	Name		Type Code Symbol	Stamp		
		Same as above			Authorization No Expiration Date			
•		Address			Expiration Date	 -		
4. [dentification of Sy	stemFeedwa	iter			·		
((b) Applicable Edit	struction Code	lized for Repairs o	r Replacements	1989	ddenda,_	I-1 through N-1	3 _Code Ca
o. 1	identification of Co	omponents Repaired o	neplaced alld N	epiacement con				
								ASME Code
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Stamped (Yes or No)
	5/8" Studs & Nuts	Mackson, Inc.	NA.	NΑ	1-FW-61	NA	Replacement	No
				-				
'. I	Description of Worl		ce fasteners. (Completed 11/	3/98).			
3. 7	Tests Conducted:	Hydrostatic Pn Other Pressure	eumatic Nor	minal Operating Test Temp				

(12/82)

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

CNT-569774 (nuts), CNT-558078 (studs)
9. Remarks Sull Su
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol StampNA
Certificate of Authorization No. NA Expiration Date NA Signed Owner or Owner's Designee, Title Expiration Date NA Date 12/15 , 19 98
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 HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 1/3/9% to 12/2/9%, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions Va. 883 National Board, State, Province, and Endorsements
Date

Attachment 2 Page 59 of 77 Serial No.: 99-038 Docket No.: 50-280

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

Wingin	in Ploatria a	and Downer C	10	12/1/00						
1. Owner Virgin	Name		.0.	Date 12/1/98						
				1	-					
	Blvd., Glen Allen	., Va. 23060		Sheet1	of					
Career - T				0						
2. Plant Surry F	Power Station			Unit_One						
5570 Hog Islan	nd Rd., Surry, Va.	23883 ———————		WO#00399729-01, RR#98-144						
Address				Repair Orga	nization F	.O. No., Job No.,	etc.			
3. Work Performed by	Virginia Power			Type Code Symbol StampNA						
		Name		Authorization No	NA					
	Same as above				. NA					
	Address									
4. Identification of Sy	/stemMain S	team		·						
6. Identification of Co	omponents Repaired o	·	·				_			
· · ·			National			Repaired,	ASME Code Stamped (Yes			
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	or No)			
Studs & Nuts	Mackson, Inc.	NA	NA	1-FW-62	NA.	Replacement	No			
7. Description of Work	Replace cap fast	eners.								
3. Tests Conducted:	•	eumatic No	minal Operating Test Temp	_		-				
NOTE: Supplemention in items 1 throrecorded at the top	ital sheets in form of ough 6 on this report of this form.	lists, sketches, o	r drawings may beach sheet, and (e used, provided (1) 3) each sheet is num	size is 8½ bered and	in. x 11 in., (2) indicated in the number of s	nforma- heets is			

(12/82)

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

PO# CNT-578078 (studs), CNT-5695	04_(nuts),
Remarks	
Applicable Manufactur	rer's Data Reports to be attached
•	
CERTIFICATE OF	COMPLIANCE
•	prrect and this <u>replacement</u> conforms to the rules of the repair or replacement
ASME Code, Section XI.	,
•	
377	
Type Code Symbol StampNA	
Certificate of Authorization NoNA	Expiration Date NA
Signed 4- Lovell	Date
Owner or Owner's Designee, Title	·
CERTIFICATE OF INS	SERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the Natio	nal Board of Boiler and Pressure Vessel Inspectors and the State
or Province of Virginia and employed by	HSBI and I Coof
Hartford, Ct.	have inspected the components described
in this Owner's Report during the period	78 to 13-19/98 , and state that
to the best of my knowledge and belief, the Owner has performe	, .
Owner's Report in accordance with the requirements of the ASME	•
	oyer 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 of	damage or a loss of any kind arising from or connected with this
inspection.	
	77- 000
Commis	ssionsVa. 883
Inspector's Signature	National Board, State, Province, and Endorsements
10 00	
Date. 13/9 1978	

Attachment 2 Page 60 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=								
1.	Owner Virgin	ia Electric a	and Power C	<u> </u>	Date 11/25/9	8		
		Name	1					,
	5000 Dominion	Blvd., Glen Aller	n, Va. 23060		Sheet1	_{of} 1	,	
		Address				J		
_	Surry B	Power Station	:		Unit_One			
2.	Plant	Name	·		Unit			
	FFF0 11 T-1	_			*****			
		nd Rd., Surry, Va	. 23883				RR#98-145	
		Address			Hepair Orga	inization F	.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power	Name		Type Code Symbol	Stamp	NA.	
	•		Authorization No.			.,		
		Same as above Address			Expiration Date	NA		
4.	Identification of Sy	stemReacto	or Coolant					
5.	(a) Applicable Con	struction CodeB31	19	55 Edition.	NA A	ddenda.	N-1 through N-1	Code Case
٠.		tion of Section XI Ut						
	(b) Applicable Euli	tion or section XI of	inzed to riepairs	Or Hepiacements	13_ 83			
6.	Identification of Co	omponents Repaired	or Replaced and F	Replacement Con	nponents			
							<u> </u>	
						[
								ASME
				,		,		Code
1	:			National	``	-	Repaired,	Stamped
	Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	(Yes
	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
							1	1 1
✝						•		
			Part #					
\vdash	Bolts	Westinghouse	651B293H11	NA	1-RC-R-1C	NA.	Replacement	No
L				'	<u> </u>			
ĺ								
	•							
-								
	•							
						ļ		
						}		l
		<u> </u>						
_	B. 1 (19. 1	n1 b4b-1-						
/.	Description of Work	Replace handhole	в давкет.	-				
	·							
8.	Tests Conducted:	Hydrostatic Pr	eumatic 🔲 No	minal Operating	Pressure			
		Other Pressure_	psi	Test Temp	°F		•	
				• •				
	NOTE: C :		:		الالمادان والممارية	aino in 81/	in v 11 in /0\ !	nforms
	NOTE: Supplemen	tal sheets in form of	' lists, sketches, O	r arawings may b	e usea, providea (1)	size is 8%	in. x iilli, (2) i	morma-
		ough 6 on this repor	t is included on e	ecn sneet, and (o, each sneet is nun	ineted au	u the number of !	onecta 15
	recorded at the top	or this form,						

PO# SNT-392192
. Remarks
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of repair or replacement
ASME Code, Section XI.
Type Code Symbol StampNA
1,700 0000 07.11001 01.01110
Certificate of Authorization NoNA Expiration DateNA
Signed Owner or Owner's Designed Title Date 11/25 , 1988
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 Sor Province of Virginia and I Co.
Hartford, Ct. have inspected the components described by t
in this Owner's Report during the period 11/6/98 to 12/9/98 , 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, concerning
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.
Va. 883
Commissions National Board, State, Province, and Endorsemen
Trapostor a digitature real real real real real real real re
13/9 298
Date19

Attachment 2 Page 61 of 77 Serial No.: 99-038 Docket No.: 50-280

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

	NOTE: Supplemer tion in items 1 thr recorded at the top	ntal sheets in form of	flists, sketches, o t is included on e	r drawings may leach sheet, and (be used, provided (1) 3) each sheet is nun	size is 8½ nbered an	in. x 11 in., (2) i d the number of	nforma- sheets is			
8.	Tests Conducted:		eumatic No	minal Operating Test Temp							
7.	Description of World		ce snubber. (Co	ompleted 11 % /9	8).						
_											
	Snubber	Anchor/ Darling	1117	NA	1-BD-MSS-10	NA	Replacement	No			
	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)			
6.		omponents Repaired o									
5.		struction CodeB3:				ddenda,_	-1 through N-1	Code Cas			
4.	Identification of Sy	Address vstemBlowdo	own								
		Same as above			Expiration Date						
3.	Work Performed by Name				Type Code Symbol Authorization No	NΙŽ					
		Address Virginia Power	·		Repair Organization P.O. No., Job No., etc.						
	5570 Hog Islan	Name and Rd., Surry, Va.	23883		WO#00	384505-0	01, RR#98-146				
2.	Plant_Surry B	Power Station			Unit						
		Address			Sheet o	f					
•		Name Blvd., Glen Aller									
1	Owner Virgin	ia grecuito a	and Power C	0.	12/15/9	0					

	PO#_SSY-339188
Э.	Remarks
	Applicable Manufacturer's Data Reports to be attached
	· · · · · · · · · · · · · · · · · · ·
_	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI.
	Type Code Symbol StampNA
	Signet A. G. J. J. J. J. J. J. J. J. J. J. J. J. J.
	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 HSBI and I Co. of Hartford, Ct have inspected the components described
	in this Owner's Report during the period 11/6/98 to 12/21/98, and state that
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
	Inspection. Va. 883 Inspector's Signature National Board, State, Province, and Endorsements
	Date

Attachment 2 Page 62 of 77 Serial No.: 99-038 Docket No.: 50-280

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

_	OwnerVirgini	ia Electric a	and Power C		_	12/15/	/98			
1.	Owner	Name			Date_					
	5000 Dominion	Blvd., Glen Aller	ı, Va. 23060		Ohaaa	1		1	· .	
		Address			Sheet.	·- · <u>-</u>	_ 01_			
,	PlantSurry P	ower Station			Unit_	One				
•		Name			Omt_				<u> </u>	
	5570 Hog Islan	nd Rd., Surry, Va.	23883			WO:	#003	84511-	01, RR#98-147	
		Address				Repair Or	rganiz	ation F	O. No., Job No.,	etc.
	Work Performed by	Virginia Power			Type (Code Symb	ol St	amp		
			Name		Autho	rization No	o	NÀ		
		Same as above				tion Date_		NA		
		Address								
	Identification of Sys	stem Reacto	or Coolant	-						
	Identification of Co					•				
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Ide	Other ntification		Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	Snubber	Anchor/ Darling	1383	NA	1-R	c-MSS-10C	;	NA	Replacement	No
_										
	Description of Work	Replac	ce snubber. (Co	ompleted 11/6/	'98).					
		Hydrostatic Pn Other Pressure_		minal Operating Test Temp						
		tal sheets in form of ough 6 on this report								

	Po# SSY-391972						
9.	Remarks						
	Applicable Manufacturer's Data Reports to be attached						
_	OFFICIATE OF COMPLIANCE						
	CERTIFICATE OF COMPLIANCE						
	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI.						
	ASIVIE GODE, SECTION AT						
	Type Code Symbol StampNA						
	Type dode dymbol damp						
	Certificate of Authorization No. NA Expiration Date NA						
	Signed - Le docus TST Engreen Date 12/15 , 19 98						
	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 HSBI and I Co. of Hartford, Ct.						
	ilave ilispected the components described						
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this						
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.						
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the						
	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer						
	shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this						
	inspection.						
	Inspector's Signature National Board, State, Province, and Endorsements						
	Date. 12/2/19 98						

Attachment 2 Page 63 of 77 Serial No.: 99-038 Docket No.: 50-280

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

_								
1	Owner_Virgin	ia Electric a	and Power C	Co.	Date12/4/98			
٠.	Owner	Name			Date			
	5000 Dominion	Blvd., Glen Aller	n, Va. 23060		Sheet o	. 1		
		Address			Sneet o	·I		
_	Surry F	ower Station	Ĺ		Unit One			
2.	Plant	Name			Unit			
	5570 Hog Tslar	nd Rd., Surry, Va	. 23883		WO#0	0381846-	01, RR#98-150	
		Address					.O. No., Job No.,	
		Virginia Power			nepali Oiga	inzacion F	NA NA	erc.
3.	Work Performed by		Name		Type Code Symbol	Stamp		
			Name		Authorization No	NA		
			Expiration Date	NA				
		Address						
4	Identification of Sv	stemMain :	Steam					
	(b) Applicable Edit	struction CodeB3: ion of Section XI Uti imponents Repaired o	ilized for Repairs	or Replacements	1989	ddenda <u>, ^K</u>	N-1 through N-1	-Code Case
	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	Mackson, Inc.	NA	NA	1-MS-SV-101A	NA	Replacement	No
	Nuts	Mackson, Inc.	NA	NA	1-MS-SV-101A	NA	Replacement	No
						*:		
 7	Description of Work	Replac	ce fasteners.(C	completed 11/1	1/98).		1	
	Tests Conducted: NOTE: Supplemen	Hydrostatic Protection Protection Pressure_	lists, sketches, o	Test Temp	°F ne used, provided (1)			
	tion in items 1 thro	ough 6 on this repor	t is included on e	ach sheet, and (3) each sheet is num	bered an	d the number of	sheets is

recorded at the top of this form.

	BNT-467064 (1 1/4" nuts), CNT-575889 (1 1/4" studs)
. Rem	narks
	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the
ASN	AE Code, Section XI. repair or replacement
Tvp	e Code Symbol StampNA
.,,	
Cort	ificate of Authorization No. NA Expiration Date NA
Cert	inicate of Authorization No.
	ed Wels. Rosers ISI ENGALIA Date 12/4 , 1988
Sign	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	e undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or P	rovince of Virginia and employed by HSBI and I Co. of
	Hartford, Ct. , have inspected the components described
in t	his Owner's Report during the period $\frac{11/11/98}{128}$ to $\frac{12/7/98}{128}$, and state that
to t	he best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	ner'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
	minations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
	be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
insp	ection.
	Commissions Va. 883
	Inspector's Signature National Board, State, Province, and Endorsements
Date	<u> </u>
	<i>'</i>

Attachment 2 Page 64 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=									
1	Owner Virgin	ia Electric a	and Power (Co.	Date12/4/98				
•		Name			D uto			_	
	5000 Dominion	Blvd., Glen Aller	n, Va. 23060		Sheet1	of1			
		Address			_				
2.	Plant_Surry F	Power Station	l 		Unit One				
		Name							
	5570 Hog Isla	nd Rd., Surry, Va Address				01, RR#98-151			
		Repair Orga	nization P	.O. No., Job No.,	etc.				
3.	Work Performed by	Virginia Power	Name		Type Code Symbol	Stamp	NA 		
			Authorization No. NA						
		Same as above			Expiration Date	AM			
		Address			•				
4.	Identification of Sy	stem Main	Steam_						
5.		struction CodeB3:				ddenda,_1	I-1 through N-1	-Code Case	
	(b) Applicable Edit	tion of Section XI Ut	ilized for Repairs	or Replacements	s 19 <u>89</u>				
6.	Identification of Co	omponents Repaired	or Replaced and F	Replacement Cor	nponents				
Г	· · ·	1	Ī	Ī			1	}	
į					,			ASME	
	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)	
	Studs	Mackson, Inc.	NA	NA	1-MS-SV-101B	NA	Replacement	No	
	Nuts	Mackson, Inc.	NA	NA	1-Ms-SV-101B	NA	Replacement	No	
7.	Description of Work	Replac	ce fasteners.(Completed 11/1	4/98).				
8.	Tests Conducted:	Hydrostatic Pr Other Pressure	psi	ominal Operating Test Temp	°F	eiro io 91	in v 11 in /0\	nforme	

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.

	BNT-467064 (1 1/4" nuts), CNT-575889 (1 1/4" studs)
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
	· · · · · · · · · · · · · · · · · · ·
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this replacement conforms to the rules of the
	ASME Code, Section XI. repair or replacement
	272
	Type Code Symbol StampNA
	177
	Certificate of Authorization No. NA Expiration Date NA
	Signed W. L. Logar ISI ENGINEER Date 12/4 , 1998
	Signed W-4, Joseph Title Date Date 1970
_	
_	
	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 HSBI and I Co. of Hartford, Ct.
	The state of the components assured
	in this Owner's Report during the period, and state that
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
	shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
•	mispection.
	CommissionsVa. 883
	Inspector's Signature National Board, State, Province, and Endorsements
	Date 12/7 1998

Attachment 2 Page 65 of 77 Serial No.: 99-038 Docket No.: 50-280

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

Owner	nia Electric a	mu rower C		12/15/9					
5000 Dominion	Name n Blvd., Glen Allen			1 1 Sheet of					
Current	Address			One One	' 				
PlantSurry	Power Station			Unit					
	and Rd., Surry, Va.			WO#00	381848-	01, RR#98-152			
	Address Virginia Power					.O. No., Job No.,			
Nork Performed b	у	Name		Type Code Symbol StampAuthorization No					
	Same as above			Expiration Date					
	Address								
dentification of S	ystemMain S	Steam			_				
a) Applicable Co.	nstruction CodeB3	1.1	55 Edition	NA .	ddondo	-1 through N-1	.3 Codo		
h) Applicable Edi	ition of Section XI Uti	lized for Renairs	or Replacements	19 89					
•	28.7 4.		स्यो १५०	* ' ' '			ASI Co		
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Stam (Ye or N		
1 1/4" Studs & Nuts	Mackson, Inc.	NA.	NA	1-MS-SV-101C	NA	Replacement	. N		
	 					 			
							<u> </u>		
			i						
					,				
·				<u> </u>		ļ	<u> </u>		
Description of Wor		ce fasteners.	(Completed 11/	(14/98).					
	·								
	Hydrostatic Pn	eumatic 🗍 No	minal Operating	Pressure					
ests Conducted:	Other Pressure_		Test Temp						

(12/82)

BNT-467064 (nuts), CNT-575889 (studs)
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
Type Code Symbol StampNA
Type Code Symbol Stamp
Certificate of Authorization No. NA Expiration Date NA
Signed W. L. Loger IST ENGINEER Date 12/16 , 1998 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 HSBI and I Co. of Hartford, Ct.
in this Owner's Report during the period 11/11/96 to 12/21/98 , and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
inspection.
Commissions Va. 883
Inspector's Signature National Board, State, Province, and Endorsements
10/01/90
Date19

Attachment 2 Page 66 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=									
1.	Owner Virgini	a Electric a	nd Power C	o .	Date 12/1/98				
		Name							
	5000 Dominion	Blvd., Glen Allen	, Va. 23060		Sheet1	f1			
		Address	4	<u>-</u>				•	
2.	Plant Surry Po	ower Station	···		Unit One				
	-	Name							
	5570 Hog Islan	d Rd., Surry, Va.	23883	-			RR#98-153		
	_	Address Virginia Power			Repair Orga	nization P	.O. No., Job No.,	etc.	
3.	Work Performed by		Type Code Symbol	Stamp	NA.				
			•	Authorization No	NA.	-,			
		ame as above		Expiration DateNA					
		Address							
4.	Identification of Sys	stemMain S	team	 					
5.	(a) Applicable Cons	struction CodeB31	.119	55 Edition,	NA A	ddenda,_1	N-1 through N-1	Code Case	
	(b) Applicable Editi	ion of Section XI Uti	lized for Repairs	or Replacements	s 19 <u>89</u>				
6.	Identification of Co	mponents Repaired o	or Replaced and F	Replacement Cor	nponents				
Г	-							}	
								ASME	
			٠ ,				Repaired,	Code Stamped	
	Name of	Name of	Manufacturer	National Board	Other	Year	Replaced,	(Yes	
	Name of Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	1	
	Component	17101101010101	0011011101		1001111110011011	50,			
					<u></u>				
	Studs & Nuts	Mackson, Inc.	NA	NA	1-MS-SV-102A	NA	Replacement	No	
						·	_		
	•								
								L]	
					• •		•		
7.	Description of Work	Replace inlet fl	ange fasteners	•					
•									
R	Tests Conducted:	Hydrostatic Pn	eumatic No	minal Operating	Pressure				
٥.		Other Pressure	_	Test Temp	_				
	,		Pai	, 031 1 cmp	•				
	NOTE: Supplement	ed shows in form of	liete ekatohee o	r drawings may	be used, provided (1)	size is 814	in. x 11 in (2) i	nforma-	
	tion in items 1 thro	uah 6 on this report	is included on e	ach sheet, and (3) each sheet is num	bered and	d the number of	heets is	
	recorded at the top				,				

(12/82)

Damestee	PO# CNT-575813 (studs), BNT-467650 (nuts),
Remarks	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this replacement conforms to the rules of the
ASME Co	de, Section XI. repair or replacement
Type Cod	e Symbol StampNA
Type Cou	e Symbol Stamp
Certificat	e of Authorization No,NAExpiration DateNA
Signed	Owner or Owner Designee, Title 75 - CNG, NCELL Date 12/1, 19 98
	CERTIFICATE OF INSERVICE INSPECTION
	lersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State et al., Virginia and employed by HSBI and I Co.
	Hartford, Cthave inspected the components described
	wner's Report during the period 11/1/98 to 12/9/98 , and state that
	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.
	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
inspection	
	Va. 883
	Inspector's Signature Commissions National Board, State, Province, and Endorsements
	, , , , , , , , , , , , , , , , , , , ,
Date	12/9 19/9
	<u> </u>

Attachment 2 Page 67 of 77 Serial No.: 99-038 Docket No.: 50-280

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

Owner	ia Electric a			12/8/98 Date			
5000 Dominion	Blvd., Glen Allen			1			
	Address			Sheet o	т		
Plant	Power Station			One Unit			
						1, RR#98-154	
5570 Hog Islan	nd Rd., Surry, Va.			• •		•	
	Address Virginia Power					O. No., Job No.,	
Work Performed by	·	Name		Type Code Symbol	Stamp	· .	
\$	Same as above			Authorization No Expiration Date	NA		
	Address		•	expiration Date			_
Identification of Sy	stemMain S	Steam					
				\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	NT.	-1 through N-1	2
(a) Applicable Con	struction CodeB31	19	Edition,	A	ddenda,	-1 chrough N-1	_Code Ca
(b) Applicable Edit	ion of Section XI Uti	lized for Repairs	or Replacement	3 19			
Identification of Co	emponents Repaired o	or Replaced and F	Replacement Cor	nponents		3	
		`.	31. 3.3.3.			1	<u> </u>
**		·		·			ASME
	*		Nesignal	(Repaired,	Code Stampe
Name of	Name of	Manufacturer	National Board	Other	Year	Replaced,	(Yes
Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
					:		
			· ·		-	 	
1 3/8" Studs & Nuts	Mackson, Inc.	NA	NA	1-MS-SV-102B	NA	Replacement	No
			1				
				<u> </u>			
	1						
	 					<u> </u>	
			,				
 -	 		<u> </u>	 		· · · · · · · · · · · · · · · · · · ·	
			· ·		•		
			/g1-t111	(14/00)			
		ce fasteners.	(combined II)	11/20/			
Description of Work							
Description of Work			ominal Operating	Pressure			
Description of Work Tests Conducted:	•		Jimmul Operating				
	Hydrostatic Pn Other Pressure	_	Test Temp	°F			
Tests Conducted:	•	psi	Test Temp				

(12/82)

BNT-467650 (nuts), CNT-575813 (studs)	
Applicable Manufacturer's Data Reports to be attached	
· · · · · · · · · · · · · · · · · · ·	
	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of ASME Code, Section XI.	the
Type Code Symbol StampNA	
Certificate of Authorization No. NA Expiration Date NA	
Signed Q- Lackger ISI Exhibited Date 12/8, 19 9.	8
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 Virginia and employed by HSBI and I Co.	State
Hartford, Ct. have inspected the components desc in this Owner's Report during the period 11/11/98 to 12/8/96 , 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, concerning	g 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	1 thi
inspection.	
Inspector's Signature National Board, State, Province, and Endorsemen	ts
Date. 12/5 19.76	

Attachment 2 Page 68 of 77 Serial No.: 99-038 Docket No.: 50-280

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

2.	Surry Plant Stromed by	Name Blvd., Glen Allen Address Power Station Name nd Rd., Surry, Va. Address Virginia Power Same as above Address Main S	, Va. 23060 23883 Name	Co.		1 f		etc.
	(b) Applicable Edit	struction CodeB31 tion of Section XI Util omponents Repaired o	lized for Repairs	or Replacements	1989	ddenda,	N-1 through N-1	3 Code Case
	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)
	1 3/8" Studs & Nuts	Mackson, Inc.	NA	NA	1-MS-SV-102C	NA	Replacement	No
				ı			:	
7.	Description of Work	_	ce fasteners.	(Completed 11,	/14/98).		-	
8.	Tests Conducted: NOTE: Supplemention in items 1 thm		psi	ominal Operating Test Temp or drawings may leach sheet, and (F coe used, provided (1)	size is 8½ bered and	in. × 11 in., (2) i d the number of s	nforma- sheets is
	tion in items 1 three recorded at the top		is included on (each sheet, and (3) each sheet is num	bered and	d the number of s	sh

(12/82)

	BNT-467650 (nuts), CNT-575813 (studs)
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
_	
	CERTIFICATE OF COMPLIANCE
ı	We certify that the statements made in the report are correct and this replacement conforms to the rules of the
1	ASME Code, Section XI.
	ADME Gode, coolen All
i	
l	Type Code Symbol Stamp NA
	Type Code Symbol StampNA
l	NTA NTA
	Certificate of Authorization No. NA Expiration Date NA
	() A A Tomber of
İ	Signed W. L. Stells ISI ENGINEEL Date 12/45 , 19.98
L	Owner or Opener's Designed, 1108
_	
	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
l	or Province of Virginia and employed by HSBI and I Co. of
	Hartford, Ct. have inspected the components described
	in this Owner's Report during the period
	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
ı	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.
1	//\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	CommissionsVa. 883
1	National Board, State, Province, and Endorsements
	1. 00
ı	Date
İ	

Attachment 2 Page 69 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=		•						
1.	Owner Virgin:	ia Electric a	and Power Co	0.	Date 12/1/98			
		Name	ı					
	5000 Dominion	Blvd., Glen Aller	ı, Va. 23060		Sheet	of 1		
		Address						-
2	Plant Surry P	ower Station			Unit One			
•.	· idiit	Name			J	-		
	5570 Hog Islan	nd Rd., Surry, Va.	23883		WO#003818	52-01,	RR#98-156	
		Address					O. No., Job No.,	etc.
_	Work Performed by	Virginia Power						
3.	Work Performed by	-	Name		Type Code Symbol			
					Authorization No			
		Same as above Address			Expiration Date	- NA		
4.	Identification of Sy	stem Main S	Steam					
5.	(a) Applicable Con	struction CodeB31	119	55 Edition,_	<u>NA</u>	ddenda,_	N-1 through N-1	Code Case
	(b) Applicable Edit	ion of Section XI Ut	ilized for Repairs	or Replacements	: 19 <u>89</u>			
e	Identification of Co	mponents Repaired	or Replaced and R	leplacement Con	nponents			
٠.								•
								ASME
						,		Code
	× ₹		` -;	National		ļ	Repaired,	Stamped
	Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	(Yes
	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
							1	
_							 	
					1			
	Studs & Nuts	Mackson, Inc.	NA.	NA_	1-MS-SV-103A	NA_	Replacement.	No
		ļ						
					i			
		,					<u> </u>	
						,		
		<u> </u>	·		I		J	
7.	Description of Work	Replace inlet fl	ange fasteners.	<u></u>				
8.	Tests Conducted:	Hydrostatic Pr	eumatic 🔲 No	minal Operating	Pressure			
		Other Pressure_	psi	Test Temp	°F			
	NOTE: Supplemen	tal sheets in form of	lists, sketches o	r drawings may b	e used, provided (1)	size is 8½	in, x 11 in., (2) i	nforma-
	tion in items 1 thro	ough 6 on this repor	t is included on e	ach sheet, and (3) each sheet is num	bered an	d the number of	sheets is
	recorded at the top		: - -	- , ,				
	2-1	· · · ·						

(12/82)

PO# CNT-575813 (studs), BNT-467650 (nuts),
9. Remarks
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements 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 StampNA
- //
Certificate of Authorization No. NA Expiration Date NA
Signed O. A. Loces ISI ENGINEER Date 12/1, 1998
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 HSBI and I Co. of
Hartford, Cthave inspected the components described
in this Owner's Report during the period
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's Report, Furthermore, neither the Inspector nor his employer
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
inspection.
Va. 883
Inspector's Signature Commissions National Board, State, Province, and Endorsements
12/9 98
Date19(

Attachment 2 Page 70 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=		73 110401						
1.	Owner	ia Electric a	nd Power C	Co.	12/8/98 Date			
		Name Blvd., Glen Allen			1	1		
		A di denne		·	Sheeto	f		
2	Surry E	Power Station			One Unit			
۷.		Name					_	
	5570 Hog Islan	nd Rd., Surry, Va.	23883				01, RR#98-157	
		Address Virginia Power					O. No., Job No.,	
3.	Work Performed by	/	Name		Type Code Symbol			
		Same as above			Authorization No	NA.		
	·	Address			Expiration Date			
4	Identification of Sv	stemMain S	team					
	(b) Applicable Edit	estruction CodeB31 tion of Section XI Uti components Repaired o	lized for Repairs	or Replacements	s 19 ⁸⁹	ddenda,_	-1 through N-1	3 Code Cas
	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)
_	1 3/8" Studs & Nuts	Mackson, Inc.	NA	NA	1-MS-SV-103B	NA	Replacement	Ио
				,				
7.	Description of Work		ce fasteners.	(Completed 11/	(14/98).			
8.	Tests Conducted:	Hydrostatic Pn Other Pressure		ominal Operating Test Temp				
		ntal sheets in form of ough 6 on this report of this form.						

Attachment 2 Page 71 of 77 Serial No.: 99-038 Docket No.: 50-280

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

	Virain	ia Electric a	nd Power (.o.	12/15/9	8		
1.	Owner	Name			Date	<u> </u>		
	5000 Dominion	Blvd., Glen Allen	, Va. 23060		Sheet0	. 1		
		Address			Sheeto	of		
2	Plant_Surry P	ower Station			One Unit			
۷.	riant	Name			Oilit			-
	5570 Hog Islar	nd Rd., Surry, Va.	23883		WO#0	0381854-	01, RR#98-158	
		Address			Repair Orga	nization P	.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power			Type Code Symbol	Stamp	NA	
			Name	_	Authorization No			
		Same as above			Expiration Date	NA		
		Address						
4.	Identification of Sy	stemMain S	team	· · · · · · · · · · · · · · · · · · ·				
		D3.1	1	c c	NA	N	-1 through N-1	3
5.		struction CodeB31				ddenda,		Code Cas
	(b) Applicable Edit	ion of Section XI Uti	lized for Repairs	or Replacements	1989			
6.	Identification of Co	mponents Repaired o	r Replaced and F	Replacement Con	nponents	_		
		-				7	. ,	ASME Code
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Stamped (Yes or No)
	1 3/8" Studs & Nuts	Mackson, Inc.	NA	NA	1-MS-SV-103C	NA	Replacement	No
				,				
_								
— 7.	Description of Work		ce fasteners.	(Completed 11/	14/98).			
3.	Tests Conducted:		_	ominal Operating Test Temp				
	NOTE: Supplemention in items 1 throrecorded at the top	tal sheets in form of ough 6 on this report of this form,	lists, sketches, o	or drawings may l each sheet, and (pe used, provided (1) 3) each sheet is nun	size is 8½ nbered and	in. x 11 in., (2) i d the number of :	nforma- sheets is

(12/82)

	BNT-467650 (nuts), CNT-575813 (studs)
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
_	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
	\cdot
	272
	Type Code Symbol Stamp
	Certificate of Authorization No. NA Expiration Date NA
	Signed W. L. Losers IST ENGINEER Date 12/15 19 98
	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 HSBI and I Co. of
	: IIontfond Ct
	in this Owner's Report during the period
	,
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
	shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
	inspection.
	20 -
	Commissions Va. 883
	Inspector's Signature Commissions National Board, State, Province, and Endorsements
	12/31 98
	Date
	·

Attachment 2 Page 72 of 77 Serial No.: 99-038

Docket No.: 50-280

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

	Name	1	·	Date 12/1/98			
5000 Dominion	Blvd., Glen Aller	n, Va. 23060		Sheet1	of1_		
G	Address			0			
Plant Surry	Power Station			Unit One			
, SS70 How Tele	and Rd., Surry, Va.	22002		WO#002 016	FF-01	RR#98-159	
- 3370 1109 1818	Address					2.O. No., Job No.,	etc.
Work Performed b	Virginia Power			Type Code Symbol	Stamp	NA	
Work i en offined o	·Y	Name		Authorization No.			
	Same as above			Expiration Date			
	Address			,	1411		
Identification of S	ystem Main S	Steam					
(a) Applicable Co	nstruction CodeB31	119_	55 Edition,_	NA A	.ddenda,_1	N-1 through N-1	_Code C
	ition of Section XI Ut						
Identification of C	Components Repaired	or Replaced and Re	eplacement Con	nponents			
		 			Τ	· · · · · ·	r- ·
							ASME
	1				1		Code
			National			Repaired,	Stampe
Name of	Name of	Manufacturer Serial No.	Board	Other	Year	Replaced, or Replacement	(Yes or No)
Component	Manufacturer	Serial No.	No.	Identification	Built	i riopiacement	0,
		}					
Studs & Nuts	Mackson, Inc.	NA	NA.	_ 1-MS-SV-104A		Replacement.	No
Studs & Nuts	Mackson, Inc.	NA	NA	1-MS-SV-104A	NA	Replacement.	No
Studs & Nuts	Mackson, Inc.	NA .	NA	1-MS-SV-104A	NA	Replacement	No
Studs & Nuts	Mackson, Inc.	NA	NA	1-MS-SV-104A	NA	Replacement.	No
Studs & Nuts	Mackson, Inc.	NA	NA.	1-MS-SV-104A	NA	Replacement	No
Studs & Nuts	Mackson, Inc.	NA	NA	1-MS-SV-104A	NA	Replacement	No
Studs & Nuts	Mackson, Inc.	NA	NA	1-MS-SV-104A	NA	Replacement	No
Studs & Nuts	Mackson, Inc.	NA	NA.	1-MS-SV-104A	NA	Replacement	No
Studs & Nuts	Mackson, Inc.	NA	NA	1-MS-SV-104A	NA	Replacement	No
	Mackson, Inc.		NΑ	1-MS-SV-104A	NA	Replacement	No.
Description of Wor	k Replace inlet fl	ange fasteners.			NA	Replacement	No
	k Replace inlet fl	ange fasteners.	ninal Operating	Pressure	NA	Replacement	No
Description of Wor	k Replace inlet fl	ange fasteners.		Pressure	NA	Replacement	No
Description of Wor	k Replace inlet fl Hydrostatic Pn Other Pressure	ange_fasteners.	ninal Operating Test Temp	Pressure° F			
Description of Wor Tests Conducted:	k Replace inlet fl	ange fasteners. eumatic Non psi	ninal Operating Test Temp	Pressure° F	size is 8½	in. x 11 in., (2) i	nforma-

)_ -	PO# CNT-575813 (studs), BNT-467650 (nuts),
	Applicable Manufacturer's Data Reports to be attached
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI.
	Type Code Symbol StampNA
	Certificate of Authorization No. NA Expiration Date NA Signed Owner or Owner's Designee, Title
	OFFICIATE OF INCEPTION
	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 Virginiaand employed by HSBI and I Coo
	Hartford, Ct. have inspected the components described in this Owner's Report during the period /////96 to /2/9/98, 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 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 this
	inspection.
	Va. 883
	Commissions National Board, State, Province, and Endorsements
	Date

Attachment 2 Page 73 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=	<u></u>							
1.	Owner	12/8/98 Date						
		Name a Blvd., Glen Aller Address			1 Sheeto	1		
2.	PlantSurry		One Unit					
		Name and Rd., Surry, Va					01, RR#98-160	
					P.O. No., Job No.,			
3.	Work Performed b	у	Name		Type Code Symbol Authorization No	Stamp NA		
		Same as above			Expiration Date	NA		
		_ 						
4.	Identification of S	ystemMain s	Steam					
	(b) Applicable Edi	nstruction Code B3: ition of Section XI Uti	ilized for Repairs	or Replacements	s 19 <u>89</u>	ddenda,_	N-1 through N-1	3_Code Case
	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)
L	1 3/8" Studs & Nuts	Mackson, Inc.	NA_	NA	1-MS-SV-104B	NA	Replacement	No
7.	Description of Wor	Repla	ce fasteners.	(Completed 11/	/14/98). 			 ,
8.	Tests Conducted:	Hydrostatic Pr Other Pressure_		minal Operating Test Temp				
	NOTE: Suppleme tion in items 1 the recorded at the top	ntal sheets in form of rough 6 on this repor p of this form.	f lists, sketches, o t is included on e	r drawings may lach sheet, and (be used, provided (1) (3) each sheet is num	size is 8½ nbered an	½ in. × 11 in., (2) i d the number of	nforma- sheets is

(12/82)

	BNT-467650 (nuts), CNT-575813 (studs)
9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
	\cdot
	·
Г	
ı	CERTIFICATE OF COMPLIANCE
ı	We certify that the statements made in the report are correct and this replacement conforms to the rules of the
ı	ASME Code, Section XI.
1	
	Type Code Symbol StampNA
1	Certificate of Authorization No. NA Expiration Date NA
1	Signed 4 Ly Rosers IST ENGINEER Date 12/8 1998
ı	Owner or Owner's Designee, Title
_	
Γ	CERTIFICATE OF INSERVICE INSPECTION
ł	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
Į.	or Province of Virginia and employed by HSBI and I Co. of
ļ	Hartford Ct
i	nave/ inspected the components described
	, and state that
1	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.
ı	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
ļ	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
ı	inspection.
	$\mathcal{A}(\mathcal{A})$
	Commissions Va. 883
	Unspector's Signature National Board, State, Province, and Endorsements
ľ	
ĺ	Date 12/8 19 28
ŀ	Date

Attachment 2 Page 74 of 77 Serial No.: 99-038 Docket No.: 50-280

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

1.	Owner	12/15/98 Date						
		Name Blvd., Glen Aller	ı, Va. 23060		1 Sheeto	1		
2	Surry F	Address Power Station			One Unit			
		Name ad Rd., Surry, Va.					01, RR#98-161	
		Repair Orga	nization F	P.O. No., Job No.,	etc.			
3.	Work Performed by	Same as above	Name		Type Code Symbol Authorization No Expiration Date	NA NA		_
4	Identification of Su	Address	Steam					
5.	(a) Applicable Con (b) Applicable Edit	struction CodeB3: ion of Section XI Uti	lized for Repairs	or Replacements	3 19 89	ddenda,_	N-1 through N-1	Code Case
	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)
	.1 3/8" Studs & Nuts	Mackson, Inc.	NA	NA	1-MS-SV-104C	NA	Replacement	No
7.	Description of Work		ce fasteners.	(Completed 11/	/14/98).			L
8.	Tests Conducted:	Hydrostatic Pn		ominal Operating — Test Temp.				

(12/82)

BNT-467650 (nuts), CNT-575813 (studs) 9. Remarks
Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stemp NA
Type Code Symbol StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed White Joseph TSI ENGINEER Date 12/15, 1998
Time of Organ a Daughtor, Time
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
or Province of Virginia and employed by HSBI and I Co.
Hartford, Cthave, inspected the components describ
in this Owner's Report during the period
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the
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 t
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the
inspection,
M Canita
Commissions Va. 883 Inspector's Signature National Board, State, Province, and Endorsements
Date. 13-13-11 1998

Attachment 2 Page 75 of 77 Serial No.: 99-038 Docket No.: 50-280

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

Owner	ia Electric a	and Power C		12/15/9 Date	8		
	Name Blvd., Glen Aller		•	1 Sheet	1		
Surry 1	Address Power Station		······································	One	,		
Plant	Name			Unit		01, RR#98-162	
5570 Hog Isla	nd Rd., Surry, Va.	. 23883				•	
	Address Virginia Power					P.O. No., Job No.,	
Work Performed by	Virginia Power	Name	 ·	Type Code Symbol Authorization No.	Stamp		~
	Same as above		·	Authorization No Expiration Date	NA		
	Address						
Identification of Sy	/stemMain 8						
(a) Applicable Cor	struction CodeB31	1.119	Edition,_	NA A	ddenda,_	N-1 through N-1	3 _Code Ca
	tion of Section XI Uti					•	
Identification of Co	omponents Repaired o	or Replaced and F	Replacement Con	nponents		ž,	
	T	<u> </u>		1	· -		·
•							ASME Code
	,		National		ļ	Repaired,	Stampe
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes or No)
Component	Manufacturer	Serial No.	Board No.	Identification	Built	or Replacement	or No)
Component	1		Board			1	or No)
Component	Manufacturer	Serial No.	Board No.	Identification	Built	or Replacement	or No)
Component	Manufacturer	Serial No.	Board No.	Identification	Built	or Replacement	or No)
Component	Manufacturer	Serial No.	Board No.	Identification	Built	or Replacement	or No)
Component	Manufacturer	Serial No.	Board No.	Identification	Built	or Replacement	or No)
Component	Manufacturer	Serial No.	Board No.	Identification	Built	or Replacement	or No
Component	Manufacturer Mackson, Inc.	Serial No.	Board No.	Identification 1-MS-SV-105A	Built	or Replacement	or No)
Component	Manufacturer Mackson, Inc.	Serial No.	Board No.	Identification 1-MS-SV-105A	Built	or Replacement	or No)
Component 1 3/8" Studs & Nuts	Manufacturer Mackson, Inc. Repla k Hydrostatic Pr	Serial No. NA ce fasteners.	Board No. NA (Completed 11/	Identification 1-MS-SV-105A (14/98)	Built	or Replacement	or No
Component 1 3/8" Studs & Nuts Description of World	Manufacturer Mackson, Inc. Repla	Serial No. NA ce fasteners.	Board No.	Identification 1-MS-SV-105A (14/98)	Built	or Replacement	or No

BNT-467650 (nuts), CNT-575813 (studs)	
9. Remarks	
Applicable Manufacturer's Data Reports to be attached	
	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this replacement conforms to the rules of t	he
ASME Code, Section XI. repair or replacement	
Type Code Symbol StampNA	
Certificate of Authorization No, NA Expiration Date NA	
	_
Signed With the East ISI ENGINEER Date 12/15, 1988	
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 S	tate
or Province of Virginia and employed by HSBI and I Co.	_of
Hartford, Ct. have inspected the components descr	
in this Owner's Report during the period	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 empl	эуег
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.	
(1) South	
Commissions Va. 883	
Trispector's Signature National Board, State, Province, and Endorsement	3
11/21 90	
Date	
•	

Attachment 2 Page 76 of 77 Serial No.: 99-038 Docket No.: 50-280

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

-								
1.	Owner Virgin	ia Electric a	and Power (Co.	Date12/8/98			
•		Name		 ,				
	5000 Dominion	Blvd., Glen Alle	n, Va. 23060		Sheet c	of 1		
		Address						-
2.	Plant Surry	Power Station	•		UnitOne			
		Name						
	5570 Hog Isla	nd Rd., Surry, Va	. 23883		WO#0	0397918-	01, RR#98-163	
		Address			Repair Orga	nization P	.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power			Type Code Symbol	Stamp	NА	
			Name		Authorization No	•		
		Same as above			Expiration Date			
		Address		<u></u>				
4.	Identification of Sy	ystemMain :	Steam		· · · · · · · · · · · · · · · · · · ·			
5.		nstruction Code B3:		•		.ddenda, <u> </u>	N-1 through N-1	-Code Cas
6.	Identification of Co	omponents Repaired (or Replaced and F	Replacement Con	nponents			
	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)
	1 3/8" Studs & Nuts	Mackson, Inc.	NA	NA	1-MS-SV-105B	NA	Replacement	No
7.	Description of Wor	kReplac	ce fasteners.	(Completed 11/	14/98).			
8.		Other Pressure_ ntal sheets in form of rough 6 on this repor	psi lists, sketches, c		F be used, provided (1)			

(12/82)

	BNT-467650 (nuts), CNT-575813 (studs)
9.	RemarksApplicable Manufacturer's Data Reports to be attached
Г	CERTIFICATE OF COMPLIANCE
ļ	We certify that the statements made in the report are correct and this replacement conforms to the rules of the
	ASME Code, Section XI. repair or replacement
	Time Code Symbol Sterry NA
	Type Code Symbol Stamp
Ì	Certificate of Authorization No. NA Expiration Date NA
l	Signed W. G. Loger IST ENGINEER Date 12/8, 1998
L	Owner or Owder's Designee, Title
Г	
	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 HSBI and I Co. of
	or Province of VIIIII and employed by hartford, Ct. have, inspected the components described
	in this Owner's Report during the period
Ì	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
	shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
İ	inspection,
	CommissionsVa. 883
	Inspector's Signature National Board, State, Province, and Endorsements
1	Date
1	•

Attachment 2 Page 77 of 77 Serial No.: 99-038 Docket No.: 50-280

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

=		As nequi	Ted by the Prot	risions of the A	Code Section		· · · · · · · · · · · · · · · · · · ·	
1.	Owner	12/8/98 Date						
	5000 Dominion	Date						
_	Surry	One						
2,		Power Station			Unit		01, RR#98-164	
	5570 Hog Isla							
3.	Work Performed by	Address Virginia Power Y	Name				P.O. No., Job No.,	
		Type Code Symbol Stamp						
		Same as above			Expiration Date	NА		
4.	Identification of S	ystemMain S	Steam					
		nstruction CodeB31		55 F alleton	NA		N-1 through N-1	3
5.	(a) Applicable Cor	nstruction Code ition of Section XI Uti	lized for Repairs	or Replacements	A0	adenda,_		_Code Cas
6.	Identification of C	omponents Repaired o	or Replaced and F	Replacement Con	nponents		<u></u>	<u> </u>
	Nama of	Nama of	Manufacturer	National	Other	Van	Repaired, Replaced,	ASME Code Stamped (Yes
	Name of Component	Name of Manufacturer	Serial No.	Board No.	Identification	Year Built	or Replacement	l '
	1 3/8" Studs & Nuts	Mackson, Inc.	NA	NA ,	1-MS-SV-105C	AN	Replacement	Мо
				4	,			
					·			
7.	Description of Wor		ce fasteners.	(Completed 11/	(14/98).			
8.	Tests Conducted:	Hydrostatic Pn Other Pressure	_	ominal Operating Test Temp	Pressure° F		·	
	NOTE: Supplemention in items 1 the recorded at the top	ntal sheets in form of rough 6 on this report p of this form.	lists, sketches, o	or drawings may leach sheet, and (be used, provided (1) 3) each sheet is num	size is 8½ bered an	in. x 11 in., (2) id the number of	nforma- sheets is

(12/82)

0	BNT-467650 (nuts), CNT-575813 (studs)
Э.	Applicable Manufacturer's Data Reports to be attached
	
Γ	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
	Type Code Symbol StampNA
	Certificate of Authorization No. NA Expiration Date NA Signed W-L. Joseph IST Lugueld Date 12/8 , 19 98 Owner or Owner's Designee, Title
Γ	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 HSBI and I Co. of
	Hartford, Ct. have inspected the components described
	in this Owner's Report during the period, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
	Commissions Va. 883 National Board, State, Province, and Endorsements
	Date