Attachment I Page 1 of 34 Serial No.: 96-310

Docket No.: 50-281

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

	Virginia Electric and Power Company, 5000 Dominion Blvd., Glen Allen, VA 23060 (Name and Address of Owner)
2. Plant	Surry Power Station, 5570 Hog Island Road, Surry, VA 23883
Z. Tidiit	(Name and Address of Plant)
3. Plant	Unit 2. Owner Certificate of Authorization (if required) NA
5. Comn	nercial Service Date05/01/73 6. National Board Number for UnitNA

Component or Manufacturer Appurtenance or Installer		Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Steam Generator 2-RC-E-1A	Westinghouse Tampa Division	2971	VA 58226	6817
Steam Generator 2-RC-E-1B	Westinghouse Tampa Division	2972	VA 58227	6818
Steam Generator 2-RC-E-1C	Westinghouse Tampa Division	2973	VA 58228	6819
Reactor Coolant Pump 2-RC-P-1C	Westinghouse	494	NA	NA
Excess Letdown Heat Exchanger 2-CH-E-4	Atlas Industrial Manufacturing Company	852	VA 58229	703
Pressurizer 2-RC-E-2	Westinghouse Tampa Division	1071	VA 58225	6816
Safety Injection Pump 2-SI-P-1A	Byron Jackson Pumps, Inc.	NA	NA	NA
OS Recirc. Spray Pump 2-RS-P-2A	Byron Jackson Pumps, Inc.	NA	NA .	NA
Loop Stop Valve 2-RC-MOV-2592	Darling	NA	NA	NA
Class 1/2 Piping	Southwest Fabricating Company	· NA	NA	NA _.
Class 1/2 Component Supports	Southwest Fabricating Company	NA	NA	NA .
			·	
	· 	,		
	04 940899 04 40899			

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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 Dates	03/21/95	to06/07/96
9.	Inspection Period Identifi	ication	First Period (5-10-94 - 5-10-97)
10.	Inspection Interval Identi	ification	Third Interval (5-10-94 - 5-10-04)
11.	Applicable Edition of Se	ction XI	
12.	Date/Revision of Inspect	tion Plan	January 5, 1996, Revision 6
13.			nclude a list of examinations and tests and a statement concerning status of work required ment 1, Pages 1 through 5 of Abstract of Examinations Performed
		See Attachm	ment 1, Pages 1 through 17 of Abstract of System Pressure Tests
14.	Abstract of Results of Ex		and Tests. ment 1, Examination Summary, Pages 1-3
15.	Abstract of Corrective M		ment 1, Examination Summary, Pages 2 and 3
XI Ce	rtificate of Authorization l	No. (if applica	XI, and c) corrective measures taken conform to the rules of the ASME Code, Section rable) NA Expiration Date NA Signed Virginia Elect. & Power Co. Owner
		CER	RTIFICATE OF INSERVICE INSPECTION
	the State or Province of Hartford, CT 3/21/95 Owner has performed examinations the Examinations, tests, a his employer shall be liab connected with this inspection.	to	mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and hartford S.B.I. & I. Co. of have inspected the components described in this Owner's Report during the period of 1/7/96, and state that to the best of my knowledge and belief, the difference described in this Owner's Report in accordance end by the ASME Code, Section XI. The Inspector nor his employer makes any warranty, expressed or implied, concerning the measures described in this Owner's Report. Furthermore, neither the Inspector nor namer for any personal injury or property damage or a loss of any kind arising from or the commissions of the province of the province, and Endorsements [1996]. The Commissions of the National Board, State, Province, and Endorsements [1996].

Attachment 1 Surry Power Station Unit 2 Inservice Inspections

Abstract of Examinations

Examination Summary

Virginia Electric and Power Company Surry Power Station

Unit 2

1996 Refueling Outage 3rd Interval, 1st Period

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 2 from March 21, 1995 through June 7, 1996. 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.L. Coder and Mr. Robert 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.

Examinations

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

Results

Examinations of components, piping and component supports resulted in a total of four (4) items being reported on the basis of procedure reporting criteria. All other examinations and tests are acceptable.

A summary of the indications and their dispositions are as follows:

- 1. Steam generator (cold-leg) manway bolts numbers 30 and 31 was reported as having galled threads. The bolting is Class 1, Category B-G-2, Item B7.30. The bolting was replaced with new bolting. A preservice examination was performed on the new bolting. Per ASME Section XI, IWB-2430 the examinations were extended to include the remaining inspection item scheduled for this period and the subsequent period, (period 2). The additional (extended) examinations did not reveal indications exceeding the acceptance standards of Table IWB-3410-1.
- 2. Heat exchangers 2-RH-E-1A and 2-RH-E-1B were found to be leaking at a flanged connection during the performance of a system pressure test. In accordance with Relief Request 5, bolting nearest the leak was removed, VT-3 inspected, and found to be degraded. All the bolting in these connections was removed and replaced with new material
- 3. Steam generator 2-RC-E-1C, tube (row) 43 (column) 31 had a through wall indication of 42%. In accordance with Technical Specifications (T.S.) 4.19, the tube was plugged thus removing it from service.

4. During power operations prior to refueling shut down, mechanical snubber 2-MS-MSS-5 was identified to have the snubber pin partially pulled out. The snubber was declared inoperable. The snubber was made operable by re-inserting the pin and installing a new cotter key.

Analytical Evaluation

Analytical evaluation(s) of examination results (Volumetric and/or Surface examinations):

None required or performed.

Evaluation Analyses

Evaluation analyses of examination results (Visual Examinations):

None required or performed.

Statement of Interval Status

Virginia Electric and Power Company has completed 99.5 percent of the First Period examinations and 31.2% of the interval examinations.

Abstract of Examinations Performed IWB, IWC & IWF

Number	Mark No.	Lîne No.	Sect XI Class	Sect XI Category	Sect XI Item No.	Exam. Method	Exam. Date Re	emarks
11548-WMKS-0100D1	ноо1-1	30-SHP-101-601	2A	C-C	c3.20	Surface	05/15/96	
11548-WMKS-0100D1	H001-2	30-SHP-101-601	2A	C-C	C3.20	Surface	05/15/96	
11548-WMKS-0100D1	н002-1	30-SHP-101-601	2A	C-C	C3.20	Surface	05/20/96	
11548-WMKS-0100D1	н003-1	30-SHP-101-601	2A	C-C	C3.20	Surface	05/15/96	
11548-WMKS-0100D1	н003-2	30-SHP-101-601	2A	C-C	c3.20	Surface	05/15/96	
11548-WMKS-0103A2-4	1-22BC	30-SHP-122-601	2A	C-F-2	C5.81	UT/MT	05/09/96	
11548-WMKS-0117A1-1	1-01BC	14-RH-101-1502	1A	B-J	в9.31	UT/PT	05/08/96	
11548-WMKS-0117A1-1	1-05	14-RH-101-1502	1A	B-J	в9.11	UT/PT	05/08/96	
11548-WMKS-0118A2	0-14	6-WAPD-150-601	2A	C-F-2	C5.51	UT/MT	05/11/96	
11548-WMKS-0122A1	1-01BC	12-RC-324-1502	1A	B-J	в9.31	UT/PT	05/09/96	
11548-WMKS-0122A1	нооз-1	12-81-247-1502	1A	B-K	в10.20	Surface	05/15/96	
11548-WMKS-0122A1	н003-2	12 - SI-247-1502	1A	в-к	B10.20	Surface	05/15/96	
11548-WMKS-0122A1	нооз-з	12-81-247-1502	1A	в-К	B10.20	Surface	05/15/96	
1 JMKS-0122A1	н003-4	12-81-247-1502	1A	В-К	B10.20	Surface	05/15/96	
1. WMKS-0122D1	1-12	12-81-246-1502	1A	B-J	в9.11	UT/PT	05/16/96	
11548-WMKs-0122H1	1-01BC	6-RC-316-1502	1A	B-J	в9.31	UT/PT	05/08/96	
11548-WMKS-0122K1-2	1-12BC	2-\$1-281-1502	1A	B-J	в9.32	PT	05/06/96	
11548-WMKS-0122K1-2	1-15	2-s1-281-1502	1A	B-J	B9.40	PT	05/06/96	
11548-WMKS-0122K1-2	1-16	2-\$1-281-1502	1A	B-J	B9.40	PT	05/13/96	
11548-WMKS-0122K1-2	1-17	2-\$1-281-1502	1A	B-J	B9.40	PT	05/13/96	
11548-WMKS-0122K1-2	1-25	2-\$1-281-1502	1A	B-J	B9.40	PT	05/15/96	
11548-WMKS-0122K1-2	1-26	2-si-281-1502	1A	B-J	B9.40	PT	05/15/96	
11548-WMKS-0122L1	1-05	12-RC-322-1502	1A	B-J	B9.11	UT	05/07/96	N1
11548-WMKS-0123K1	2-CS-H002	8-CS-133-153	2F	F-A	F1.40	VT-3	05/06/96	
11548-WMKS-0123L1	0-02	12-cs-102-153	2A	C-F-1	c5.11	UT/PT	05/05/96	
11548-WMKS-0123LZ1	0-02	12-cs-102-153	2A	C-F-1	C5.11	UT/PT	05/14/96	
11548-WMKS-0123M1	0-03	12-cs-101-153	2A	C-F-1	c5.11	UT/PT	05/05/96	
11548-WMKS-0123N1Z	0-01	12-RS-107-153	2A	C-F-1	C5.11	UT/PT	05/12/96	
11548-WMKS-0124A1	1-01DM	6-RC-338-1502	1A	B-F	B5.40	UT/PT	05/10/96	
11548-WMKS-0125A1	2-30	4-RC-315-1502	1A	B-J	B9.11	UT/PT	05/15/96	P
1 MKS-0125A1	2-34	4-RC-315-1502	1A	B-J	В9.11	UT/PT	05/22/96	

Abstract of Examinations Performed IWB, IWC & IWF

lumber	Mark No.	Lîne No.	Sect XI Class	Sect XI Category	Sect XI Item No.	Exam. Method	Exam. Date Re	marks_
1548-WMKS-0125A1	2-35	4-RC-315-1502	1A	B-J	B9.11	UT/PT	05/05/96	
1548-WMKS-0125A1	3-05	1-RC-405-1502	1A	B-J	B9.40	PT	05/09/96	
1548-WMKS-0127G1	2-CH-H013	6"-сн-318-152	2F	F-A	F1.20	VT-3	05/06/96	
1548-WMKS-0127J2Z	1-15	2-81-285-1502	2A	C-F-1	c5.30	PT	05/16/96	
1548-WMKS-0127J2Z	1-16	2-81-285-1502	2A	C-F-1	C5.30	PT	05/16/96	
1548-WMKS-0127J3	1-11	2-81-275-1502	1A	B-J	B9.40	PΤ	05/09/96	
1548-WMKS-0127J3	1-12	2-\$1-275-1502	1A	B-J	B9.40	PT	05/09/96	
1548-WMKS-CH-11	1-03	3-CH-303-1503	2A	C-F-1	C5.21	UT/PT	05/04/96	
1548-WMKS-CH-11	2-03	3-CH-302-1503	2A	C-F-1	C5.21	UT/PT	05/04/96	
1548-WMKS-CH-11	2-CH-H004	3-CH-302-1503	2A	F-A	F1.20	VT-3	05/03/96	
1548-WMKS-CH-11	2-CH-H004A	3-CH-302-1503	2A	F-A	F1.20	VT-3	05/03/96	
1548-WMKS-CH-11	B-01	3-CH-302-1503	2A	C-F-1	c5.41	PΤ	05/03/96	
1548-WMKS-CH-11	C-01	3-CH-303-1503	2A	C-F-1	C5.41	PŢ	05/03/96	
1548-WMKS-CH-24	0-26	2-CH-321-1503	2A	C-F-1	C5.30	PT	05/03/96	
MKS-CH-24	0-27	2-CH-321-1503	2A	C-F-1	C5.30	PT	05/03/96	
1548-WMKS-CH-8	1-01BC	3-CH-301-1502	1A	B-J	в9.32	PT	05/06/96	
1548-WMKS-CH-8	1-02	3-CH-301-1502	1A	B-J	в9.21	PT	05/06/96	
1548-WMKS-CH-8	1-03	3-CH-301-1502	1A	B-J	в9.21	PT	05/06/96	
1548-WMKS-CH-8	1-09	3-CH-301-1502	1A	B-J	B9.21	PT	05/06/96	
1548-WMKS-CH-8	1-10	3-CH-301-1502	1A	B-J	B9.21	PT	05/06/96	
1548-WMKS-CH-8	1-11	3-CH-301-1502	1A	B-J	B9.21	PT	05/06/96	
1548-WMKS-CH-8	1-31	3-CH-301-1502	1A	B-J	в9.21	PT	05/13/96	
11548-WMKS-CH-8	1-32	3-CH-301-1502	1A	B-J	B9.21	PT	05/13/96	
11548-WMKS-CH-8	2-21	2-CH-368-1502	1A	B-J	B9.40	PT	05/17/96	
11548-WMKS-CH-8	2-22	2-CH-368-1502	1A	B-J	B9.40	PT	05/17/96	
11548-WMKS-CH-8	2-25BC	2-CH-368-1502	1A	B-J	B9.32	PT	05/14/96	
1548-WMKS-CH-E-3	NIR-06	2-CH-E-3	1A	B-D	B3.160	VT-2	06/04/96	
11548-WMKS-CH-E-3	NIR-08	2-CH-E-3	1A	B-D	B3.160	VT-2	06/04/96	
11548-WMKS-CH-E-4	1-01	2-CH-E-4	2A	C-A	C1.20	UT	05/10/96	0"-1
11548-WMKS-CH-E-4	1-02	2-CH-E-4	2A	C-A	C1.10	UT	05/10/96	0"-1
11548-WMKS-RC-1	1-01BC	3-RC-447-1502	1A	B-J	B9.32	PT	05/09/96	
MKS-RC-10-1	1-03	29-RC-307-2501R	1A	B-J	B9.11	UT/PT	05/12/96	Р

Abstract of Examinations Performed IWB, IWC & IWF

Number	Mark No.	Line No.	Sect XI Class	Sect XI Category	Sect XI Item No.	Exam. Method	Exam. Date R	Remarks
11548~WMKS-RC-10-1	1-06DM	31-RC-308-2501R	1A	B-F	в5.70	UT/PT	05/09/96	P
11548-WMKS-RC-10Z1	1-01BC	2-RC-358-1502	1A	B-J	B9.32	PT	05/09/96	
11548-WMKS-RC-10Z1	1-18BC	2-RC-359-1502	1A	B-J	в9.32	PΤ	05/21/96	
11548-WMKS-RC-10Z1	1-20	2-RC-359-1502	1A	B-J	B9.40	PT	05/21/96	
11548-WMKS-RC-10Z1	1-21	2-RC-359-1502	1A	B-J	B9.40	PΤ	05/21/96	
11548-WMKS-RC-10Z1	1-22	2-RC-359-1502	1A	B-J	B9.40	PT	05/21/96	
11548-WMKS-RC-10Z2	2-27	2-RC-356-1502	1A	B-J	B9.40	PT	05/17/96	
11548-WMKS-RC-10Z2	2-28	2-RC-356-1502	1A	B-J	B9.40	PT	05/19/96	
1548-WMKS-RC-10Z2	2-31	2-RC-353-1502	1A	B-J	B9.40	PT	05/19/96	
1548-WMKS-RC-10Z2	2-32	2-RC-353-1502	1A	B-J	B9.40	PT	05/19/96	
1548-WMKS-RC-10Z2	2-45	2-RC-353-1502	1A	B-J	B9.40	PT	05/13/96	
1548-WMKS-RC-10Z2	2-46	2-RC-353-1502	1A	B-J	в9.40	PT	05/17/96	
1548-WMKS-RC-10Z2	3-32	2-RC-358-1502	1A	B-J	B9.40	PT	05/16/96	
1548-WMKS-RC-10Z2	3-33	2-RC-358-1502	1A	B-J	B9.40	PT	05/16/96	
MKS-RC-10Z2	3-34	2-RC-358-1502	1A	B-J	B9.40	PT	05/16/96	
1548-WMKS-RC-10Z2	3-35	2-RC-358-1502	1A	B-J	B9.40	PT	05/16/96	
11548-WMKS-RC-10Z2	3-40	2-RC-358-1502	1A	B-J	B9.40	PT	05/16/96	
1548-WMKS-RC-10Z2	3-41	2-RC-358-1502	1A	B-J	B9.40	PT	05/16/96	
11548-WMKS-RC-10Z2	3-42	2-RC-358-1502	1A	B-J	в9.40	PT	05/17/96	
1548-WMKS-RC-10Z3	1-03	2-RC-500-1502	1A	B-J	B9.40	PT	05/21/96	
1548-WMKS-RC-10Z3	2-RC-H001	2-RC-500-1502	1A	F-A	F1.40	VT - 1	05/06/96	
11548-WMKS-RC-10Z4	1-04	2-CH-393-1502	1A	B-J	B9.40	PT	05/13/96	
11548-WMKS-RC-12-1	1-05DM	29-RC-301-2501R	1A	B-F	в5.70	UT/PT	05/08/96	Р
11548-WMKS-RC-12Z5	2-CH-H001	2-CH-397-1502	1A	F-A	F1.10	VT-3	05/06/96	A1
11548-WMKS-RC-6	1-01	8-RC-311-2501R	1A	B-J	B9.11	UT/PT	05/08/96	
11548-WMKS-RC-E-1A.1	CL-MANWAY	2-RC-E-1A	1A	B-G-2	B7.30	VT-1	05/14/96	F1
1548-WMKS-RC-E-1A.1	HL-MANWAY	2-RC-E-1A	1A	B-G-2	в7.30	VT-1	05/14/96	
1548-WMKS-RC-E-1A.2	2-RC-2-01CNIR	2-RC-E-1A	2A	C-B	C2.22	UT	05/10/96	0"-
1548-WMKS-RC-E-1A.2	2-RC-2-01DNIR	2-RC-E-1A	2A	С-В	C2.22	UT	05/09/96	0"-
11548-WMKS-RC-E-1B.1	CL-MANWAY	2-RC-E-1B	1A	B-G-2	B7.30	VT - 1	05/04/96	E1
11548-WMKS-RC-E-1B.1	HL-MANWAY	2-RC-E-1B	1A	B-G-2	B7.30	V T - 1	05/04/96	E1
MKS-RC-E-1B.2	2-09	2-RC-E-1B	2 A	C-B	C2.21	UT/MT	05/09/96	0"-

Abstract of Examinations Performed IWB, IWC & IWF

D	Mark No.	Line No.	Sect XI Class	Sect XI Category	Sect XI Item No.	Exam. Method	Exam. Date	Remarks
11548-WMKS-RC-E-1B.2	2-10	2-RC-E-1B	2A	С-В	C2.21	UT/MT	05/13/96	0"-33"
11548-WMKS-RC-E-2	1-03	2-RC-E-2	1A	В-В	B2.12	UΤ	05/08/96	0"-6"
11548-WMKS-RC-E-2	1-04	2-RC-E-2	1A	B-B	B2.11	UΤ	05/08/96	0"-145"
11548-WMKS-RC-E-2	1-08	2-RC-E-2	1A	В-К	B10.10	Surface	05/08/96	0"-96"
11548-WMKS-RC-E-2	10NIR	2-RC-E-2	1A	B-D	B3.120	UT	05/07/96	Р
11548-WMKS-RC-E-2	11NIR	2-RC-E-2	1A	B-D	B3.120	UT	05/07/96	Р
11548-WMKS-RC-MOV2592	2-RC-MOV-2592	29-RC-304-2501R	1A	B-M-2	B12.50	VT-3	05/18/96	
11548-WMKS-RC-MOV2592	FLANGE	29-RC-304-2501R	1A	B-G-1	B6.220	VT-1	05/18/96	
11548-WMKS-RC-P-1C.2	LSHB	2-RC-P-1C	1A	B-G-2	B7.60	VT-1	05/09/96	
11548-WMKS-RS-P-2A	2-05	2-RS-P-2A	2A	C-G	C6.10	Surface	05/06/96	0"-25"
11548-WMKS-RS-P-2A	2-06	2-RS-P-2A	2A	C-G	C6.10	Surface	05/06/96	0"-25"
11548-WMKS-SI-1	0-16	12-81-202-153	2A	C-F-1	C5.11	UT/PT	05/12/96	
11548-WMKS-SI-10	0-08	3-81-270-1503	2A	C-F-1	C5.21	UT/PT	05/05/96	
11548-WMKS-SI-10	0-11	3-SI-270-1503	2A	C-F-1	C5.21	UT/PT	05/06/96	
MKS-SI-10	0-12	3-SI-270-1503	2A	C-F-1	C5.21	UT/PT	05/06/96	
11548-WMKS-SI-11	2-SI-H091	3-SI-272-1503	2A	F-A	F1.20	VT-3	05/06/96	
11548-WMKS-SI-12A	2-SI-H005	3-81-346-1503	2A	F-A	F1.20	VT-3	05/06/96	
11548-WMKS-SI-2	1-11	3-81-270-1503	2A	C-F-1	C5.21	UT/PT	05/10/96	
11548-WMKS-SI-2	1-12	3-SI-270-1503	2A	C-F-1	C5.21	UT	05/10/96	N1
11548-WMKS-SI-2	2-33	2-SI-276-1503	2A	C-F-1	C5.30	PΤ	05/15/96	
11548-WMKS-SI-2	2-34	2-81-276-1503	2A	C-F-1	C5.30	PT	05/15/96	
11548-WMKS-SI-3	1-17	3-81-272-1503	1A	B-J	B9.21	PT	05/16/96	
11548-WMKS-SI-35	1-14	2-\$1-274-1502	2A	C-F-1	C5.30	PT	05/11/96	
11548-WMKS-SI-35	1-16	2-81-274-1502	2A	C-F-1	C5.30	PT	05/16/96	
11548-WMKS-SI-36	1-42	2-81-277-1503	1A	B-J	B9.40	PT	05/15/95	
11548-WMKS-SI-4	0-15	12-81-205-153	2A	C-F-1	c5.11	UT/PT	05/08/96	
11548-WMKS-SI-7	0-03	3-81-257-1503	2A	C-F-1	C5.21	UT/PT	05/05/96	
11548-WMKS-SI-7	0-04	3-81-257-1503	2A	C-F-1	c5.21	UT/PT	05/05/96	
11548-WMKS-SI-P-1A	2-05	2-SI-P-1A	2A	C-G	C6.10	Surface	05/06/96	0"-25"
11548-WMKS-SI-P-1A	2-06	2-SI-P-1A	2A	C-G	C6.10	Surface	05/06/96	0"-10" [

Attachment I Page 9 of 34

Serial No.: 96-310 Docket No.: 50-281

Abstract of Examinations Performed IWB, IWC & IWF



Mark No. Line No. Sect XI Sect XI Class Category Sect XI Item No. Exam. Method Exam. Date

Remarks

Remarks Code:

A1: Reexamination of a component that required corrective measures during a previous examination.

E1: Extended examinations performed due to indications on 02-RC-E-1A cold-leg manway bolts.

F1: Component exhibited indications exceeding the acceptance standards of Table IWB-3410-1, was replaced, replaced component passed preservice examination, examination was extended to include additional examinations.

N1: Surface examination completed and reported during the 1995 refueling outage. The volumetric examination was performed during this refueling (1996) outage.

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

Correction:

Reference Virginia Power letter 95-168, dated 6-7-95. Weld 2-05 (shown on drawing 11548-WMKS-CH-11) was reported as a partial examination in error. Weld 2-04 (shown on drawing 11548-WMKS-CH-11) does have a partial examination history. Both welds 2-04 and 2-05 were re-examined and it was determined that the weld numbers were reversed. Therefore, weld 2-04 has been removed from the plan and will be replaced with a similar weld.

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date
1-SPM-090C-1-10	CONTAINMENT VACUUM PUMP "B"	2	C-H	C7.30	05/08/96
1-SPM-090C-1-10	CONTAINMENT VACUUM PUMP "B"	2	C-H	c7.70	05/08/96
1-SPM-090C-1-6	POST ACCIDENT GASEOUS WASTE SAMPLE	2	C-H	c7.30	05/10/96
1-SPM-090C-1-6	POST ACCIDENT GASEOUS WASTE SAMPLE	2	C-H	c7.70	05/10/96
1-SPM-090C-1-7	HYDROGEN ANALYZER 103 RETURN LINE	2	C-H	C7.30	05/20/96
1-SPM-090C-1-7	HYDROGEN ANALYZER 103 RETURN LINE	2	C-H	c7.70	05/20/96
1-SPM-090C-1-8	HYDROGEN ANALYZER 203 RETURN LINE	2	C-H	c7.30	05/18/96
1-SPM-090C-1-8	HYDROGEN ANALYZER 203 RETURN LINE	2	C-H	c7.70	05/18/96
1-SPM-090C-1-9	CONTAINMENT VACUUM PUMP "A"	2	C-H	c7.30	05/07/96
1-SPM-090C-1-9	CONTAINMENT VACUUM PUMP "A"	2	C-H	c7.70	05/07/96
2-SPB-006A-1-1	CONTAINMENT PURGE AIR SUPPLY	2	C-H	c7.30	05/03/96
2-SPB-006A-1-1	CONTAINMENT PURGE AIR SUPPLY	2	C-H	c7.70	05/03/96
2-SPB-006A-1-2	CONTAINMENT PURGE AIR EXHAUST	2	C-H	C7.30	05/03/96
2-SPB-006A-1-2	CONTAINMENT PURGE AIR EXHAUST	2	C-H	c7.70	05/03/96
2-SPM-064A-1-1	A,B & C S/G MAIN STEAM OUTSIDE CTMT	2	C-H	c7.30	01/25/96
2-SPM-064A-1-1	A,B & C S/G MAIN STEAM OUTSIDE CTMT	2	C-H	c7.70	01/25/96
2-SPM-064A-1-2	MAIN STEAM LINES TO AUX S/G FEEDWATER PUMP AND MISC. STEAM TRAP LINES	2	C-H	c7.30	01/25/96
2-SPM-064A-1-2	MAIN STEAM LINES TO AUX S/G FEEDWATER PUMP AND MISC. STEAM TRAP LINES	2	C-H	c7.70	01/25/96
2-SPM-064A-1-3	A S/G MAIN STEAM INSIDE CTMT	2	C-H	c7.10	11/21/95

Page 1 of 17

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date
2-SPM-064A-1-3	A S/G MAIN STEAM INSIDE CTMT	2	C-H	c7.30	11/21/95
2-SPM-064A-1-3	A S/G MAIN STEAM INSIDE CTMT	2	C-H	c7.70	11/21/95
2-SPM-064A-2-1	A,B & C S/G MAIN STEAM OUTSIDE CTMT	2	C-H	c7.30	01/25/96
2-SPM-064A-2-1	A,B & C S/G MAIN STEAM OUTSIDE CTMT	2	C-H	c7.70	01/25/96
2-SPM-064A-2-2	MAIN STEAM LINES TO AUX S/G FEEDWATER PUMP AND MISC. STEAM TRAP LINES	2	С-Н	c7.30	01/25/96
2-SPM-064A-2-2	MAIN STEAM LINES TO AUX S/G FEEDWATER PUMP AND MISC. STEAM TRAP LINES	2	C-H	c7.70	01/25/96
2-SPM-064A-2-3	B S/G MAIN STEAM INSIDE CTMT	2	C-H	c7.10	11/21/95
2-SPM-064A-2-3	B S/G MAIN STEAM INSIDE CTMT	2	C-H	c7.30	11/21/95
2-SPM-064A-2-3	B S/G MAIN STEAM INSIDE CTMT	2	C-H	c7.70	11/21/95
2-SPM-064A-3-1	A,B & C S/G MAIN STEAM OUTSIDE CTMT	2	C-H	c7.30	01/25/96
2-SPM-064A-3-1	A,B & C S/G MAIN STEAM OUTSIDE CTMT	2	C-H	c7.70	01/25/96
2-SPM-064A-3-2	MAIN STEAM LINES TO AUX S/G FEEDWATER PUMP AND MISC. STEAM TRAP LINES	2	с-н	c7.30	01/25/96
2-SPM-064A-3-2	MAIN STEAM LINES TO AUX S/G FEEDWATER PUMP AND MISC. STEAM TRAP LINES	2	С-Н	c7.70	01/25/96
2-SPM-064A-3-3	C S/G MAIN STEAM INSIDE CTMT	2	C-H	c7.10	11/21/95
2-SPM-064A-3-3	C S/G MAIN STEAM INSIDE CTMT	2	C-H	c7.30	11/21/95
2-SPM-064A-3-3	C S/G MAIN STEAM INSIDE CTMT	2	C-H	c7.70	11/21/95
2-SPM-064A-4-1	MAIN STEAM LINES TO AUX S/G FEEDWATER PUMP AND MISC. STEAM TRAP LINES	2	C-H	c7.30	01/25/96
2-SPM-064A-4-1	MAIN STEAM LINES TO AUX S/G FEEDWATER PUMP AND MISC. STEAM TRAP LINES	2	C-H	c7.70	01/25/96

Page 2 of 17

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date
2-SPM-064A-4-3	TERRY TURBINE AND CONNECTING PIPE	2	C-H	c7.30	04/01/96
2-SPM-064A-4-3	TERRY TURBINE AND CONNECTING PIPE	2	C-H	c7.70	04/01/96
2-SPM-064B-1-1	A,B & C S/G MAIN STEAM OUTSIDE CTMT	2	с-н	c7.30	01/25/96
2-SPM-064B-1-1	A,B & C S/G MAIN STEAM OUTSIDE CTMT	2	C-H	c7.70	01/25/96
2-SPM-064B-1-2	A,B & C S/G MAIN STEAM OUTSIDE CTMT	2	C-H	c7.30	01/25/96
2-SPM-064B-1-2	A,B & C S/G MAIN STEAM OUTSIDE CTMT	2	C-H	c7.70	01/25/96
2-SPM-064B-1-3	A,B & C S/G MAIN STEAM OUTSIDE CTMT	2	C-H	c7.30	01/25/96
2-SPM-064B-1-3	A,B & C S/G MAIN STEAM OUTSIDE CTMT	2	C-H	c7.70	01/25/96
2-SPM-066A-2-1	CONDENSER AIR EJECTOR DIVERT TO CONTAINMENT	2	C-H	c7.30	05/27/96
2-SPM-066A-2-1	CONDENSER AIR EJECTOR DIVERT TO CONTAINMENT	2	C-H	c7.70	05/27/96
2-SPM-068A-1-1	MAIN FEEDWATER TO "A" S/G	2	C-H	c7.30	11/21/95
2-SPM-068A-1-1	MAIN FEEDWATER TO "A" S/G	2	C-H	c7.70	11/21/95
2-SPM-068A-1-2	MAIN FEEDWATER TO "B" S/G	2	C-H	c7.30	11/21/95
2-SPM-068A-1-2	MAIN FEEDWATER TO "B" S/G	2	C-H	c7.70	11/21/95
2-SPM-068A-1-3	MAIN FEEDWATER TO "C" S/G	2	C-H	c7.30	11/21/95
2-SPM-068A-1-3	MAIN FEEDWATER TO "C" S/G	2	C-H	c7.70	11/21/95
2-SPM-068A-1-4	AUX. FEEDWATER HEADERS	2	C-H	c7.30	06/01/96
2-SPM-068A-1-4	AUX. FEEDWATER HEADERS	2	C-H	c7.70	06/01/96
2-SPM-068A-1-5	FEEDWATER CROSS CONNECT FROM UNIT 1	2	C-H	c7.30	06/01/96
2-SPM-068A-1-5	FEEDWATER CROSS CONNECT FROM UNIT 1	2	C-H	c7.70	06/01/96
2-SPM-075B-2-1	INSTRUMENT AIR PENETRATION #47	2	C-H	c7.30	05/26/96

Page 3 of 17

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date
2-SPM-075B-2-1	INSTRUMENT AIR PENETRATION #47	2	C-H	c7.70	05/26/96
2-SPM-075B-2-2	INSTRUMENT AIR PENETRATION #58	2	C-H	c7.30	05/07/96
2-SPM-075B-2-2	INSTRUMENT AIR PENETRATION #58	2	C-H	c7.70	05/07/96
2-SPM-075C-1-1	INSTRUMENT AIR PENETRATION #47	2	C-H	c7.30	05/26/96
2-SPM-075C-1-1	INSTRUMENT AIR PENETRATION #47	2	C-H	c7.70	05/26/96
2-SPM-075C-1-2	INSTRUMENT AIR PENETRATION #58	2	C-H	c7.30	05/07/96
2-SPM-075C-1-2	INSTRUMENT AIR PENETRATION #58	2	C-H	c7.70	05/07/96
2-SPM-082A-2-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-082A-2-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-082A-2-2	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-082A-2-2	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-082A-2-3	REACTOR COOLANT SYSTEM	1	B-P	В15.50	06/04/96
2-SPM-082A-2-3	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-082A-2-4	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-082A-2-4	REACTOR COOLANT SYSTEM	1	B-P	В15.70	06/04/96
2-SPM-082A-2-5	RESIDUAL HEAT REMOVAL/SAMPLE	2	C-H	c7.30	05/10/96
2-SPM-082A-2-5	RESIDUAL HEAT REMOVAL/SAMPLE	2	C-H	c7.70	05/10/96
2-SPM-082A-2-6	PRESSURIZER RELIEF TANK SAMPLE	2	C-H	c7.30	05/19/96
2-SPM-082A-2-6	PRESSURIZER RELIEF TANK SAMPLE	2	C-H	c7.70	05/19/96
2-SPM-082A-2-7	RESIDUAL HEAT REMOVAL PIPING	2	C-H	c7.30	05/22/96
2-SPM-082A-2-7	RESIDUAL HEAT REMOVAL PIPING	2	C-H	c7.70	05/22/96

Page 4 of 17

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date
2-SPM-083A-1-1	CONTAINMENT SUMP PUMP DISCHARGE	2	C-H	c7.30	05/15/96
2-SPM-083A-1-1	CONTAINMENT SUMP PUMP DISCHARGE	2	C-H	c7.70	05/15/96
2-SPM-083A-2-2	PRIMARY DRAIN TRANSFER PUMP DISCHARGE	2	C-H	c7.30	05/08/96
2-SPM-083A-2-2	PRIMARY DRAIN TRANSFER PUMP DISCHARGE	2	C-H	c7.70	05/08/96
2-SPM-083B-1-2	PRIMARY DRAIN TRANSFER PUMP DISCHARGE	2	C-H	c7.30	05/08/96
2-SPM-083B-1-2	PRIMARY DRAIN TRANSFER PUMP DISCHARGE	2	C-H	c7.70	05/08/96
2-SPM-083B-3-2	HRSS WASTE TANK PUMP DISCHARGE	2	C-H	c7.30	05/15/96
2-SPM-083B-3-2	HRSS WASTE TANK PUMP DISCHARGE	2	C-H	c7.70	05/15/96
2-SPM-083B-3-3	CONTAINMENT SUMP PUMP DISCHARGE	2	С-Н	c7.30	05/15/96
2-SPM-083B-3-3	CONTAINMENT SUMP PUMP DISCHARGE	2	С-Н	c7.70	05/15/96
2-SPM-084A-1-3	DISCHARGE INTO RWST FROM SI PUMPS	2	C-H	c7.30	04/28/96
2-SPM-084A-1-3	DISCHARGE INTO RWST FROM SI PUMPS	2	C-H	c7.70	04/28/96
2-SPM-084A-2-4	"A" TRAIN CONTAINMENT SPRAY PENETRATION PIPING	2	C-H	c7.30	05/09/96
2-SPM-084A-2-4	"A" TRAIN CONTAINMENT SPRAY PENETRATION PIPING	2	C-H	C7.70	05/09/96
2-SPM-084A-2-5	"B" TRAIN CONTAINMENT SPRAY PENETRATION PIPING	2	C-H	c7.30	05/09/96
2-SPM-084A-2-5	"B" TRAIN CONTAINMENT SPRAY PENETRATION PIPING	2	C-H	c7.70	05/09/96
2-SPM-084B-1-3	"B" INSIDE RECIRCULATION SPRAY PUMP	2	C-H	c7.30	05/17/96
2-SPM-084B-1-3	"B" INSIDE RECIRCULATION SPRAY PUMP	2	C-H	C7.50	05/17/96
2-SPM-084B-1-3	"B" INSIDE RECIRCULATION SPRAY PUMP	2	C-H	c7.70	05/17/96
2-SPM-084B-1-4	"A" INSIDE RECIRCULATION SPRAY PUMP	2	C-H	c7.30	05/22/96
2-SPM-084B-1-4	"A" INSIDE RECIRCULATION SPRAY PUMP	2	C-H	C7.50	05/22/96

Page 5 of 17

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date
2-SPM-084B-1-4	"A" INSIDE RECIRCULATION SPRAY PUMP	2	C-H	c7.70	05/22/96
2-SPM-084B-2-1	OUTSIDE RECIRCULATION SPRAY PUMP SUCTION PIPING FROM CONTAINMENT SUMP	2	C-H	c7.30	05/20/96
2-SPM-084B-2-1	OUTSIDE RECIRCULATION SPRAY PUMP SUCTION PIPING FROM CONTAINMENT SUMP	2	C-H	c7.70	05/20/96
2-SPM-084B-2-2	OUTSIDE RECIRCULATION SPRAY PUMP 2-RS-P-2A	2	C-H	c7.30	05/30/96
2-SPM-084B-2-2	OUTSIDE RECIRCULATION SPRAY PUMP 2-RS-P-2A	2	C-H	c7.50	05/30/96
2-SPM-084B-2-2	OUTSIDE RECIRCULATION SPRAY PUMP 2-RS-P-2A	2	C-H	c7.70	05/30/96
2-SPM-084B-2-3	OUTSIDE RECIRCULATION SPRAY PUMP 2-RS-P-2B	2	C-H	c7.30	05/30/96
2-SPM-084B-2-3	OUTSIDE RECIRCULATION SPRAY PUMP 2-RS-P-2B	2	C-H	c7.50	05/30/96
2-SPM-084B-2-3	OUTSIDE RECIRCULATION SPRAY PUMP 2-RS-P-2B	2	C-H	c7.70	05/30/96
2-SPM-084B-2-4	OSRS "B" TRAIN PENETRATION PIPING	2	C-H	c7.30	05/09/96
2-SPM-084B-2-4	OSRS "B" TRAIN PENETRATION PIPING	2	C-H	c7.70	05/09/96
2-SPM-084B-2-5	OSRS "A" TRAIN PENETRATION PIPING	2	C-H	c7.30	05/27/96
2-SPM-084B-2-5	OSRS "A" TRAIN PENETRATION PIPING	2	C-H	c7.70	05/27/96
2-SPM-085A-1-3	CONTAINMENT VACUUM EJECTOR	2	C-H	c7.30	05/31/96
2-SPM-085A-1-3	CONTAINMENT VACUUM EJECTOR	2	C-H	c7.70	05/31/96
2-SPM-085A-2-1	CONTAINMENT VACUUM PUMP "B"	2	C-H	c7.30	05/08/96
2-SPM-085A-2-1	CONTAINMENT VACUUM PUMP "B"	2	C-H	c7.70	05/08/96
2-SPM-085A-2-2	CONTAINMENT VACUUM PUMP "A"	2	C-H	c7.30	05/07/96
2-SPM-085A-2-2	CONTAINMENT VACUUM PUMP "A"	2	C-H	c7.70	05/07/96
2-SPM-086A-1-1	REACTOR COOLANT SYSTEM	1	B-P	в15.30	06/04/96

Page 6 of 17

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date
2-SPM-086A-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086A-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.60	06/04/96
2-SPM-086A-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-086A-1-2	REACTOR COOLANT SYSTEM	1	В-Р	B15.50	06/04/96
2-SPM-086A-1-2	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-086A-1-3	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086A-1-3	REACTOR COOLANT SYSTEM	1	В-Р	B15.70	06/04/96
2-SPM-086A-1-4	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086A-1-4	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-086A-1-5	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086A-1-5	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-086A-2-1	REACTOR COOLANT SYSTEM	1	B-P	B15.30	06/04/96
2-SPM-086A-2-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086A-2-1	REACTOR COOLANT SYSTEM	1	B-P	B15.60	06/04/96
2-SPM-086A-2-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-086A-2-2	REACTOR COOLANT SYSTEM	1	B-P	B15.30	06/04/96
2-SPM-086A-2-2	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086A-2-3	REACTOR COOLANT SYSTEM	1	B-P	B15.30	06/04/96
2-SPM-086A-2-3	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086A-2-4	REACTOR COOLANT SYSTEM	1	B-P	B15.30	06/04/96
2-SPM-086A-2-4	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96

Page 7 of 17

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date
2-SPM-086A-2-5	REACTOR COOLANT SYSTEM	1	B-P	B15.30	06/04/96
2-SPM-086A-2-5	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086A-3-1	REACTOR COOLANT SYSTEM	1	B-P	в15.10	06/04/96
2-SPM-086A-3-1	REACTOR COOLANT SYSTEM	1	B-P	B15.30	06/04/96
2-SPM-086A-3-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086A-3-1	REACTOR COOLANT SYSTEM	1	B-P	B15.60	06/04/96
2-SPM-086A-3-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-086A-3-2	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086A-3-2	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-086A-3-3	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086A-3-3	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-086A-3-4	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086A-3-4	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-086A-3-5	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086A-3-5	REACTOR COOLANT SYSTEM	1	B-P	в15.70	06/04/96
2-SPM-086A-3-6	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086A-3-6	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-086B-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.20	06/04/96
2-SPM-086B-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086B-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-086B-1-2	REACTOR COOLANT SYSTEM	1	B- P	B15.50	06/04/96

Page 8 of 17

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date
2-SPM-086B-1-2	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-086B-1-3	REACTOR COOLANT SYSTEM	1	В-Р	B15.50	06/04/96
2-SPM-086B-1-3	REACTOR COOLANT SYSTEM	1	B-P	В15.70	06/04/96
2-SPM-086B-1-4	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086B-1-4	REACTOR COOLANT SYSTEM	1	В-Р	B15.70	06/04/96
2-SPM-086B-2-1	PRIMARY GRADE WATER INTO CONTAINMENT	2	C-H	c7.30	05/16/96
2-SPM-086B-2-1	PRIMARY GRADE WATER INTO CONTAINMENT	2	C-H	c7.70	05/16/96
2-SPM-086C-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086C-1-1	REACTOR COOLANT SYSTEM	1	В-Р	B15.70	06/04/96
2-SPM-086C-1-2	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-086C-1-2	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086C-1-3	RVLIS TRAIN "A" INSIDE CTMT	2	C-H	c7.30	06/04/96
2-SPM-086C-1-3	RVLIS TRAIN "A" INSIDE CTMT	2	C-H	c7.7 0	06/04/96
2-SPM-086C-1-5	RVLIS TRAIN "B" INSIDE CTMT	2	C-H	c7.30	06/04/96
2-SPM-086C-1-5	. RVLIS TRAIN "B" INSIDE CTMT	2	C-H	c7.70	06/04/96
2-SPM-086C-2-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-086C-2-1	REACTOR COOLANT SYSTEM	1	B-P	в15.70	06/04/96
2-SPM-086C-2-2	RVLIS TRAIN "B" INSIDE CTMT	2	C-H	c7.30	06/04/96
2-SPM-086C-2-2	RVLIS TRAIN "B" INSIDE CTMT	2	C-H	c7.70	06/04/96
2-SPM-087A-1-1	REACTOR COOLANT SYSTEM	1	В-Р	B15.50	06/04/96
2-SPM-087A-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96

Page 9 of 17

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date
2-SPM-087A-1-2	RESIDUAL HEAT REMOVAL PIPING	2	C-H	c7.30	05/22/96
2-SPM-087A-1-2	RESIDUAL HEAT REMOVAL PIPING	2	C-H	c7.7 0	05/22/96
2-SPM-087A-1-3	2-RH-P-1A	2	C-H	c7.10	05/11/96
2-SPM-087A-1-3	2-RH-P-1A	2	C-H	c7.30	05/11/96
2-SPM-087A-1-3	2-RH-P-1A	2	C-H	c7.50	05/11/96
2-SPM-087A-1-3	2-RH-P-1A	2	C-H	c7.70	05/11/96
2-SPM-087A-1-4	2-RH-P-1B	2	· C-H	c7.10	05/11/96
2-SPM-087A-1-4	2-RH-P-1B	2	C-H	c7.30	05/11/96
2-SPM-087A-1-4	2-RH-P-1B	2	C-H	c7.50	05/11/96
2-SPM-087A-1-4	2-RH-P-1B	2	C-H	c7.70	05/11/96
2-SPM-087A-2-1	RESIDUAL HEAT REMOVAL PIPING	2	C-H	c7.10	05/22/96
2-SPM-087A-2-1	RESIDUAL HEAT REMOVAL PIPING	2	C-H	c7.30	05/22/96
2-SPM-087A-2-1	RESIDUAL HEAT REMOVAL PIPING	2	C-H	c7.70	05/22/96
2-SPM-087A-2-2	RHR TO RWST PIPING	2	C-H	c7.30	05/14/96
2-SPM-087A-2-2	RHR TO RWST PIPING	2	C-H	c7.70	05/14/96
2-SPM-087A-2-3	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-087A-2-3	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-087A-2-4	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-087A-2-4	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-087A-2-5	LETDOWN HEADER	2	C-H	c7.30	05/03/96
2-SPM-087A-2-5	LETDOWN HEADER	2	C-H	c7.70	05/03/96

Page 10 of 17

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date
2-SPM-088A-2-1	LETDOWN HEADER	2	C-H	C7.30	05/03/96
2-SPM-088A-2-1	LETDOWN HEADER	2	C-H	c7.70	05/03/96
2-SPM-088B-1-1	DISCHARGE INTO RWST FROM SI PUMPS	2	C-H	c7.30	04/28/96
2-SPM-088B-1-1	DISCHARGE INTO RWST FROM SI PUMPS	2	C-H	c7.70	04/28/96
2-SPM-088B-1-10	MISC CHARGING 2-CH-220	2	C-H	c7.30	05/04/96
2-SPM-088B-1-10	MISC CHARGING 2-CH-220	2	C-H	c7.70	05/04/96
2-SPM-088B-1-2	SEAL RETURN HEADER	2	C-H	c7.30	05/03/96
2-SPM-088B-1-2	SEAL RETURN HEADER	2	C-H	c7.70	05/03/96
2-SPM-088B-1-6	MISC CHARGING 2-CH-228	2	C-H	c7.30	04/30/96
2-SPM-088B-1-6	MISC CHARGING 2-CH-228	2	C-H	c7.70	04/30/96
2-SPM-088B-1-7	MISC CHARGING 2-CH-FCV-2114A	2	C-H	c7.30	04/30/96
2-SPM-088B-1-7	MISC CHARGING 2-CH-FCV-2114A	2	C-H	c7.70	04/30/96
2-SPM-088B-1-8	MISC CHARGING 2-CH-MOV-2350	2	C-H	c7.30	04/30/96
2-SPM-088B-1-8	MISC CHARGING 2-CH-MOV-2350	2	C-H ·	c7.70	04/30/96
2-SPM-088B-1-9	MISC CHARGING 2-CH-218	2	C-H	c7.30	04/30/96
2-SPM-088B-1-9	MISC CHARGING 2-CH-218	2	C-H	c7.70	04/30/96
2-SPM-088C-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-088C-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-088C-1-2	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-088C-1-2	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-088C-1-3	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96

Page 11 of 17

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date
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2-SPM-088C-1-3	REACTOR COOLANT SYSTEM	1	В-Р	B15.70	06/04/96
2-SPM-088C-1-5	CHARGING TO REGENERATIVE HEAT EXCHANGER	2	C-H	c7.30	05/03/96
2-SPM-088C-1-5	CHARGING TO REGENERATIVE HEAT EXCHANGER	2	C-H	c7.70	05/03/96
2-SPM-088C-1-6	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-088C-1-6	REACTOR COOLANT SYSTEM	1	B-P	B15.40	06/04/96
2-SPM-088C-1-6	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-088C-1-7	SEAL RETURN HEADER	2 .	C-H	c7.30	05/03/96
2-SPM-088C-1-7	SEAL RETURN HEADER	2	С-Н	c7.70	05/03/96
2-SPM-088C-1-9	LETDOWN HEADER	2	C-H	c7.10	05/03/96
2-SPM-088C-1-9	LETDOWN HEADER	2	C-H	c7.30	05/03/96
2-SPM-088C-1-9	LETDOWN HEADER	2	C-H	c7.70	05/03/96
2-SPM-088C-2-2	SEAL RETURN HEADER	2	C-H	c7.30	05/03/96
2-SPM-088C-2-2	SEAL RETURN HEADER	2	C-H	c7.70	05/03/96
2-SPM-088C-2-3	REACTOR COOLANT PUMP SEAL INJECTION LINES	2	C-H	c7.30	05/03/96
2-SPM-088C-2-3	REACTOR COOLANT PUMP SEAL INJECTION LINES	2	C-H	c7.70	05/03/96
2-SPM-088C-2-4	REACTOR COOLANT PUMP "A" SEAL RETURN LINE	2	C-H	c7.30	05/03/96
2-SPM-088C-2-4	REACTOR COOLANT PUMP "A" SEAL RETURN LINE	2	C-H	c7.70	05/03/96
2-SPM-088C-2-5	REACTOR COOLANT PUMP "B" SEAL RETURN LINE	2	C-H	c7.30	05/03/96
2-SPM-088C-2-5	REACTOR COOLANT PUMP "B" SEAL RETURN LINE	2	C-H	c7.70	05/03/96
2-SPM-088C-2-6	REACTOR COOLANT PUMP "C" SEAL RETURN LINE	2	C-H	c7.30	05/03/96
2-SPM-088C-2-6	REACTOR COOLANT PUMP "C" SEAL RETURN LINE	2	C-H	c7.70	05/03/96

Page 12 of 17

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date
2-SPM-088C-2-8	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-088C-2-8	REACTOR COOLANT SYSTEM	1	B-P	B15.60	06/04/96
2-SPM-088C-2-8	REACTOR COOLANT SYSTEM	1	B-P	В15.70	06/04/96
2-SPM-089A-1-1	LOW HEAD SAFETY INJECTION PUMP "1A"	2	C-H	c7.30	04/28/96
2-SPM-089A-1-1	LOW HEAD SAFETY INJECTION PUMP "1A"	2	C-H	c7.50	04/28/96
2-SPM-089A-1-1	LOW HEAD SAFETY INJECTION PUMP "1A"	2	C-H	c7.70	04/28/96
2-SPM-089A-1-2	LOW HEAD SAFETY INJECTION PUMP "1B"	2	C-H	c7.30	04/28/96
2-SPM-089A-1-2	LOW HEAD SAFETY INJECTION PUMP "1B"	2	C-H	c7.50	04/28/96
2-SPM-089A-1-2	LOW HEAD SAFETY INJECTION PUMP "1B"	2	C-H	c7.70	04/28/96
2-SPM-089A-1-3	LHSI PUMP SUCTION PIPING FROM CONTAINMENT SUMP	2	C-H	c7.30	05/20/96
2-SPM-089A-1-3	LHSI PUMP SUCTION PIPING FROM CONTAINMENT SUMP	2	C-H	c7.70	05/20/96
2-SPM-089A-2-1	SAFETY INJECTION ACCUMULATOR TEST LINE	2	C-H	c7.30	05/03/96
2-SPM-089A-2-1	SAFETY INJECTION ACCUMULATOR TEST LINE	2	C-H	c7.70	05/03/96
2-SPM-089A-2-2	LHSI TO HHSI TO HOT AND COLD LEGS	2	C-H	c7.30	05/27/96
2-SPM-089A-2-2	LHSI TO HHSI TO HOT AND COLD LEGS	2	C-H	c7.70	05/27/96
2-SPM-089A-2-3	LOW HEAD SAFETY INJECTION PUMP "1A"	2	C-H	c7.30	04/28/96
2-SPM-089A-2-3	LOW HEAD SAFETY INJECTION PUMP "1A"	2	C-H	c7.70	04/28/96
2-SPM-089A-2-4	LOW HEAD SAFETY INJECTION PUMP "1B"	2	C-H	c7.30	04/28/96
2-SPM-089A-2-4	LOW HEAD SAFETY INJECTION PUMP "1B"	2	C-H	c7.70	04/28/96
2-SPM-089A-2-5	LOW HEAD SAFETY INJECTION DISCHARGE PIPING TO MOV-2890C	2	C-H	c7.30	04/28/96

Page 13 of 17

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date
2-SPM-089A-2-5	LOW HEAD SAFETY INJECTION DISCHARGE PIPING TO MOV-2890C	2	С-Н	c7.70	04/28/96
2-SPM-089A-2-6	DISCHARGE INTO RWST FROM SI PUMPS	2	C-H	C7.30	04/28/96
2-SPM-089A-2-6	DISCHARGE INTO RWST FROM SI PUMPS	2	C-H	c7.70	04/28/96
2-SPM-089A-3-1	NITROGEN SUPPLY TO SAFETY INJECTION ACCUMULATOR TANKS	2	C-H	c7.30	05/20/96
2-SPM-089A-3-1	NITROGEN SUPPLY TO SAFETY INJECTION ACCUMULATOR TANKS	2	C-H	c7.70	05/20/96
2-SPM-089A-3-2	LHSI TO HHSI TO HOT AND COLD LEGS	2	C-H	c7.30	05/27/96
2-SPM-089A-3-2	LHSI TO HHSI TO HOT AND COLD LEGS	2	C-H	c7.70	05/27/96
2-SPM-089B-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-089B-1-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-089B-1-2	LOOP "A" SAFETY INJECTION ACCUMULATOR	2	C-H	C7.10	05/03/96
2-SPM-089B-1-2	LOOP "A" SAFETY INJECTION ACCUMULATOR	2	C-H	C7.30	05/03/96
2-SPM-089B-1-2	LOOP "A" SAFETY INJECTION ACCUMULATOR	2	C-H	C7.70	05/03/96
2-SPM-089B-1-3	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-089B-1-3	REACTOR COOLANT SYSTEM	1	B-P	в15.70	06/04/96
2-SPM-089B-1-4	LHSI TO HHSI TO HOT AND COLD LEGS	2	C-H	C7.30	05/27/96
2-SPM-089B-1-4	LHSI TO HHSI TO HOT AND COLD LEGS	2	C-H	c7.70	05/27/96
2-SPM-089B-1-5	SAFETY INJECTION ACCUMULATOR TEST LINE	2	C-H	c7.30	05/03/96
2-SPM-089B-1-5	SAFETY INJECTION ACCUMULATOR TEST LINE	2	C-H	C7.70	05/03/96
2-SPM-089B-1-6	SAFETY INJECTION ACCUMULATOR MAKE UP LINES	2	C-H	c7.30	05/04/96

Page 14 of 17

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date
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2-SPM-089B-1-6	SAFETY INJECTION ACCUMULATOR MAKE UP LINES	2	C-H	c7.70	05/04/96
2-SPM-089B-1-7	SAFETY INJECTION ACCUMULATOR VENT LINE	2	C-H	c7 . 30	05/16/96
2-SPM-089B-1-7	SAFETY INJECTION ACCUMULATOR VENT LINE	2	C-H	c7.70	05/16/96
2-SPM-089B-1-8	NITROGEN SUPPLY TO SAFETY INJECTION ACCUMULATOR TANKS	2	C-H	c7.70	05/20/96
2-SPM-089B-1-8	NITROGEN SUPPLY TO SAFETY INJECTION ACCUMULATOR TANKS	2	C-H	c7.30	05/20/96
2-SPM-089B-2-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-089B-2-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-089B-2-2	LOOP "B" SAFETY INJECTION ACCUMULATOR	2	C-H	c7.10	05/03/96
2-SPM-089B-2-2	LOOP "B" SAFETY INJECTION ACCUMULATOR	2	С-Н	c7.30	05/03/96
2-SPM-089B-2-2	LOOP "B" SAFETY INJECTION ACCUMULATOR	2	C-H	c7.70	05/03/96
2-SPM-089B-2-3	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-089B-2-3	REACTOR COOLANT SYSTEM	1	В-Р	в15.70	06/04/96
2-SPM-089B-2-4	LHSI TO HHSI TO HOT AND COLD LEGS	2	C-H	c7.30	05/27/96
2-SPM-089B-2-4	LHSI TO HHSI TO HOT AND COLD LEGS	2	C-H	c7.70	05/27/96
2-SPM-089B-2-5	SAFETY INJECTION ACCUMULATOR TEST LINE	2	C-H	c7.30	05/03/96
2-SPM-089B-2-5	SAFETY INJECTION ACCUMULATOR TEST LINE	2	C-H	c7.70	05/03/96
2-SPM-089B-2-6	SAFETY INJECTION ACCUMULATOR MAKE UP LINES	2	C-H	c7.30	05/04/96
2-SPM-089B-2-6	SAFETY INJECTION ACCUMULATOR MAKE UP LINES	2	C-H	c7.70	05/04/96
2-SPM-089B-3-1	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-089B-3-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96

Page 15 of 17

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date
2-SPM-089B-3-2	LOOP "C" SAFETY INJECTION ACCUMULATOR	2	C-H	c7.10	05/03/96
2-SPM-089B-3-2	LOOP "C" SAFETY INJECTION ACCUMULATOR	2	C-H	C7.30	05/03/96
2-SPM-089B-3-2	LOOP "C" SAFETY INJECTION ACCUMULATOR	2	C-H	c7.70	05/03/96
2-SPM-089B-3-3	REACTOR COOLANT SYSTEM	1	B-P	B15.50	06/04/96
2-SPM-089B-3-3	REACTOR COOLANT SYSTEM	1	B-P	в15.70	06/04/96
2-SPM-089B-3-4	LHSI TO HHSI TO HOT AND COLD LEGS	2	C-H	c7.30	05/27/96
2-SPM-089B-3-4	LHSI TO HHSI TO HOT AND COLD LEGS	2	C-H	c7.70	05/27/96
2-SPM-089B-3-5	SAFETY INJECTION ACCUMULATOR TEST LINE	2	C-H	c7.30	05/03/96
2-SPM-089B-3-5	SAFETY INJECTION ACCUMULATOR TEST LINE	2	C-H	c7.70	05/03/96
2-SPM-089B-3-6	SAFETY INJECTION ACCUMULATOR MAKE UP LINES	2	C-H	c7.30	05/04/96
2-SPM-089B-3-6	SAFETY INJECTION ACCUMULATOR MAKE UP LINES	2	C-H	c7.70	05/04/96
2-SPM-089B-4-1	REACTOR COOLANT SYSTEM	1	B-P	в15.50	06/04/96
2-SPM-089B-4-1	REACTOR COOLANT SYSTEM	1	B-P	B15.70	06/04/96
2-SPM-089B-4-2	LHSI TO HHSI TO HOT AND COLD LEGS	2	C-H	c7.30	05/27/96
2-SPM-089B-4-2	LHSI TO HHSI TO HOT AND COLD LEGS	2	C-H	c7.70	05/27/96
2-SPM-124A-1-2	"A" S/G BLOWDOWN	2	C-H	C7.10	11/21/95
2-SPM-124A-1-2	"A" S/G BLOWDOWN	2	C-H	c7.30	11/21/95
2-SPM-124A-1-2	"A" S/G BLOWDOWN	2	C-H	c7.70	11/21/95
2-SPM-124A-2-2	"B" S/G BLOWDOWN	2	C-H	c7.10	11/21/95
2-SPM-124A-2-2	"B" S/G BLOWDOWN	2	C-H	c7.30	11/21/95
2-SPM-124A-2-2	"B" S/G BLOWDOWN	2	C-H	c7.70	11/21/95

Page 16 of 17

Zone	Description	Sect XI Class	Sect. XI Category	Sect. XI Item	Date	
2-SPM-124A-3-2	"C" S/G BLOWDOWN	2	C-H	c7.10	11/21/95	
2-SPM-124A-3-2	"C" S/G BLOWDOWN	2	C-H	c7.30	11/21/95	
2-SPM-124A-3-2	"C" S/G BLOWDOWN	2	с-н	c7.70	11/21/95	
2-SPM-130B-1-2	PARTICULATE RAD MONITOR SAMPLE INTO CONTAINMENT	2	C-H	c7.30	05/15/96	
2-SPM-130B-1-2	PARTICULATE RAD MONITOR SAMPLE INTO CONTAINMENT	2	C-H	c7.70	05/15/96	

Attachment I Page 27 of 34 Serial No.: 96-310 Docket No.: 50-281

Abstract of Examinations Snubber Program

Snubber visual inspection was performed in accordance with Technical Specifications (T.S.) 4.17, no visual failures were identified during the inspection. However, during power operation prior to refueling shut down, mechanical snubber 2-MS-MSS-5 was identified to have the snubber pin partially pulled out. The snubber was declared inoperable. The snubber was made operable by re-inserting the pin and installing a new cotter key.

Fifty (50) snubbers were selected for functional testing and seal replacements this refueling outage. No failures were identified. All snubbers were as-left visually inspected satisfactorily prior to Unit 2 start-up.

Abstract of Examinations

Eddy Current examinations

of

Nonferromagnetic Steam Generator Tubing

Inservice examination was performed on steam generator "C"

In Steam Generator "C", all available tubes were inspected full length with bobbin probes. A 670 tube sample was tested with Rotating Pancake Coil (RPC) probes in the hot leg transition (TSH +/- 3") region. Supplemental examinations were also performed using RPC probes where additional confirmatory or other data was desired. The following tubes were plugged:

<u>Row</u>	<u>Columr</u>
43	31
38	29
38	31
31	27
34	73
35	68
1	59
1	36

This Steam Generator contains a total of nine plugged tubes. See the attached list for details.

Steam Generator "C"

ROW	COL.	IND.	LOCN.	Remarks
1	1	16 14	TSC TSC	
12	6	18	6Н	
12	7	14	6Н	
4	10	16	7 H	
16	13	10	7 H	
25 25	13 13	26 PIT	TSC TSC	
20	14	17	6C	

ROW	COL.	IND.	LOCN.	Remarks
25	14	12	6H	
27	14	19	7C	
30	14	14	BPC	
4	16	17	7C	
7	16	15	2H	
33	19	12	6H	
23	23	15	2H	
31	27	SAA	TSH	plugged *
38	28	14	AV3	
1	29	18	2C	
38 38 38 38	29 29 29 29	13 37 32 PID	AV2 AV3 AV4 AV3	<pre>plugged ** plugged plugged plugged</pre>
17	30	10	4H	
37 37 37	30 30 30	20 21 PID	AV2 AV3 AV3	
10	31	16	TSC	
38 38 38 38	31 31 31 31	17 18 29 PID	AV1 AV2 AV3 AV3	plugged ** plugged plugged plugged
43 43 43 43	31 31 31 31	24 25 29 42 PID	AV1 AV2 AV3 AV4 AV4	plugged plugged plugged plugged plugged
10	32	18	TSC	
23	32	18	BPC	

ROW	COL.	IND.	LOCN.	Remarks
40	32	16	6C	
23 23	33 33	19 10	4H 4C	
40 40	33 33	16 17	AV2 AV3	
20	34	13	6C	
24	34	18	4H	
38 38 38 38 38	34 34 34 34 34	12 21 24 18 PID	AV1 AV2 AV3 AV4 AV3	
1	36	RST	TEH	plugged ***
12	40	19	6H	
37	40	12	AV3	
43 43	40 40	22 PID	AV2 AV2	
27	41	17	6C	
42	41	15	2C	
39	42	27	6C	
23	43	16	TSC	
42	45	15	1H	
9	49	12	TSC	
28	49	19	AV4	
5	51	19	TSC	
16	54	18	5C	
35	54	14	AV2	

ROW	COL.	IND.	LOCN.	Remarks
40 40 40	54 54 54	23 11 PID	AV3 AV4 AV3	
34	55	15	6H	
39 39	55 55	14 10	AV3 AV4	
40	57	16	AV1	
5	58	16	4C	
32 32	58 58	18 13	TSC TSC	
1	59	RST	TEC	plugged ***
26	60	18	6H	
21	61	13	4C	
44	61	12	4C	
5	62	16	2C	
12	63	10	2C	
40 40	63 63	14 13	AV3 AV4	
22	64	15	4C	
1	65	18	TSC	
10	66	16	1C	
12	66	18	6H	
35 35	68 68	MAA DRI	TSH TSH	plugged *
19	71	14	6C	
37	71	13	2C	
34	73	SAA	TSH	plugged *

Page 4 of 7

ROW	COL.	IND.	LOCN.	Remarks
28	75	19	TSC	
31 31	75 75	11 11	AV3 AV4	
24	79	10	4C	
8 8 8 8	83 83 83 83	10 12 10 15 14	BPC TSC TSC TSC TSC	
21	84	14	6C	
3	88	13	BPC	
12 12	92 92	15 16	TSC TSC	
13	92	13	TSC	
2 2	94 94	16 10	2C 2C	

Anomalous indication preventively pluggedAVB wear preventively pluggedRestricted

^{**}

VIRGINIA ELECTRIC AND POWER COMPANY STEAM GENERATOR EDDY CURRENT TUBE INSPECTION

GLOSSARY OF TERMS

- 1. ROW, COL COLUMN Tube identifier numbers an X-Y coordinate system.
- 2. IND INDICATION Character codes and numerics that represent the analysis results of the data for that tube, e.g., SAA, 25%, etc.
- 3. LOCN LOCATION The location in the tube of the INDICATION called.
- 4. PID POSITIVE I.D. utilized to verify the tube /ID of an indication from a tube containing an indication which was tested previously during the same inspection.
- 5. MAA MULTIPLE AXIAL ANOMALY Describes multiple axially oriented anomalies that are called from Rotating Pancake Coil probe data.
- 6. DRI DISTORTED ROLL TRANSITION INDICATION A possible tube wall loss condition that is un-quantifiable with a numeric percent call due to the signal characteristics and is located at the roll transition often retested with RPC probe.
- 7. PIT A small volumetric RPC indication that has been detected at Surry above the TSC on the cold leg which is not crack-like and has essentially the same axial and circumferential extent.
- 8. RST RESTRICTED Indicates that the probe listed in the record would not physically pass the location specified.
- 9. 18 A number in the indication column shows the % through wall depth of the indication.
- 10. TSH Top of Tubesheet Hot leg.
- 11. TSC Top of Tubesheet Cold leg.
- 12. #C, #H (# = number) of Support Plate Hot or Cold leg. e.g., 3H, 6H, 7C.
- 13. AV1, AV2, AV3, AV4 Anti-Vibration Bars 1 through 4.
- 14. BPH, BPC BAFFLE PLATE HOT AND COLD
- 15. TEH Tube End, Hot Leq.

16. SAA - Describes Single Axially Oriented Anomaly Called From Rotating Pancake Coil.

Note: Where no comment appears in the remarks column the tube is still in service.

Attachment 2

Surry Power Station Unit 2

Inservice Inspections

Repairs and Replacements NIS-2 Forms

Repair and Replacements

Repair 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# 95-218, replace flange fasteners on valve 2-CS-133. This replacement was performed on work order 00326244-01, and completed on 10-10-95.

RR# 95-236, overhaul valve 2-RC-PCV-2455C. This replacement was performed on work order 00324008-01, and completed on 11-13-95.

RR# 95-242, replace #4 stud on steam generator (hot-leg manway) 02-RC-E-1B. This replacement was performed on work order 003302-41-01, and completed on 11-17-95.

RR# 95-243, repair weld leak on line 2"-CH-385-602. This repair was performed on work order 00331556-01, and completed on 12-19-95.

RR# 96-004, add/modify pipe supports on 2"-CH-306-602 as required by Design Change Procedure 96-063.05, Rev. 3. This replacement was performed on work order 00299371-05, and completed on 3-11-96.

RR# 96-005, replace body to bonnet gasket on valve 2-RC-MOV-2592. This replacement was performed on work order 00330314-01, and completed on 5-19-96.

RR# 96-013, replace piping on line 6"-RH-120-152 and support H-31. This replacement was performed on work order 00336901-02, and completed on 2-25-96.

RR# 96-017, replace piping on line number 2"-CH-385-602. This replacement was performed on work order 00338531-05, and completed on 3-21-96.

RR# 96-018, overhaul valve 2-CH-HCV-2160. This replacement was performed on work order 00337645-01, and completed on 5-19-96.

RR# 96-019, overhaul valve 2-RC-HCV-2557C. This replacement was performed on work order 00313722-01, and completed on 5-28-96.

RR# 96-020, overhaul valve 2-RC-PCV-2455B. This replacement was performed on work order 00310141-01, and completed on 5-20-96.

RR# 96-024, open, inspect valve and replace cover fasteners on valve 2-CH-267. This replacement was performed on work order 00314942-01, and completed on 5-16-96.

RR# 96-026, replace valve 2-GN-1. This replacement was performed on work order 00338171-01, and completed on 5-30-96.

RR# 96-027, replace valve 2-IA-868. This replacement was performed on work order 00338171-01, and completed on 5-30-96.

RR# 96-028, replace valve 2-SI-243. This replacement was performed on work order 00332163-01, and completed on 5-21-96.

RR# 96-029, overhaul valve 2-RC-PCV-2455A. This replacement was performed on work order 00330852-01, and completed on 5-20-96.

RR# 96-037, replace valve 2-CH-MOV-2115B. This replacement was performed on work order 00329092-01, and completed on 6-4-96.

RR# 96-038, replace valve 2-CH-MOV-2115D. This replacement was performed on work order 00329093-01, and completed on 6-4-96.

RR# 96-049, replace piping on line No. 6"-RH-120-152 and install new valve 2-RH-108. This replacement was performed on work order 00331022-01, and completed on 5-22-96.

RR# 96-051, inspect bonnet fasteners and re-torque bonnet on valve 2-SI-57. This replacement was performed on work order 00341041-01, and completed on 5-16-96.

RR# 96-055, overhaul valve 2-CH-HCV-2160. This replacement was performed on work order 00340998-01, and completed on 5-17-96.

RR#-056, replace studs on valve 2-MS-GOV-005. This replacement was performed on work order 00336189-01, and completed on 5-6-96.

RR# 96-058, replace flange fasteners on pump 2-SI-P-1A. This replacement was performed on work order 00334280-01, and completed on 5-28-96.

RR# 96-070, replace valve 2-SI-85. This replacement was performed on work order 00341826-01, and completed on 5-21-96.

RR# 96-071, replace bolting on 2-RH-E-1A. This replacement was performed on work order 00341707-01, and completed on 5-23-96.

RR# 96-072, replace bolting on 2-RH-E-1B. This replacement was performed on work order 00341706-01, and completed on 5-24-96.

RR# 96-074, replace valve 2-MS-176. This replacement was performed on work order 00341742-01, and completed on 6-4-96.

RR# 96-075, replace valve 2-MS-178. This replacement was performed on work order 00341741-01, and completed on 6-4-96.

RR# 96-076, replace valve 2-MS-182. This replacement was performed on work order 00341872-01, and completed on 6-4-96.

RR# 96-077, replace valve 2-CH-RV-2209. This replacement was performed on work order 00332778-01, and completed on 5-17-96.

RR# 96-078, replace valve bonnet on 2-CS-27. This replacement was performed on work order 00333229-01, and completed on 5-22-96.

RR# 96-079, replace valve 2-VP-12. This replacement was performed on work order 00341271-01, and completed on 5-29-96.

RR# 96-080, replace flange fasteners on valve 2-RC-SV-2551A. This replacement was performed on work order 00331695-01, and completed on 6-1-96.

RR# 96-081, replace flange fasteners on valve 2-RC-SV-2551B. This replacement was performed on work order 00331696-01, and completed on 5-28-96.

RR# 96-082, replace flange fasteners on valve 2-RC-SV-2551C. This replacement was performed on work order 00331697-01, and completed on 5-28-96.

RR# 96-087, cut and reweld piping downstream of ASME Class 2 boundary valves 2-GN-1, 2-GN-2 and 2-GN-3. This replacement was performed on work order 00339448-01, and completed on 5-30-96.

RR# 96-089, replace five (5) studs on valve 2-RS-MOV-255A. This replacement was performed on work order 00342564-01, and completed on 6-2-96.

RR# 96-092, replace manway studs on steam generator 2-RC-E-1A. This replacement was performed on work order 00331267-02, and completed on 5-22-96.

RR# 96-093, replace manway studs on steam generator 2-RC-E-1C. This replacement was performed on work order 00330842-02, and completed on 5-24-96.

Attachment II Page 4 of 44 Serial No.: 96-310 Docket No.: 50-281

_		As Nequi			ASIVIE Code Section			
1.	Owner	nia Electric a	and Power (Co.	Date11/14/9	95		
		Name 5000 Dominion Blvd., Glen Allen, Va. 23060						
		Address	·		Sheet	of		
2	Surry	Dower Station	1		Two			
۷.	riant	Name	_		Unit			
	5570 Hog Isla	and Rd., Surry, Va	. 23883		WO#00326244-01,			
		Address			Repair Orga	nization P	.O. No., Job No.,	etc.
3.	Work Performed by	V Virginia Powe	<u>r</u>		Type Code Symbol	Stamp	NA	
			Name		Authorization No.	NA	· · · · · · · · · · · · · · · · · · ·	
		Same as above Address			Expiration Date	NA		
	lala-aifi-aina nf Co	ystemConta	inment Spray					
4.	ruentification of Sy	ystem						
5.	(a) Applicable Cor	nstruction CodeB3	1.1 19	55 Edition.	NA A	ddenda.	N-1, N-7	Code Case
•		tion of Section XI Uti						
6.	Identification of Co	omponents Repaired o	or Replaced and F	Replacement Co	mponents			
	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	2-CS-133	NA	Replacement	No
	Nuts	Mackson, Inc.	NA	NA	2-CS-133	NA	Replacement	No
7.	Description of Wor	k Replace flange	fasteners.					
3.	Tests Conducted:	Hydrostatic Proof		ominal Operatin Test Temp				
	NOTE: Supplemention in items 1 the recorded at the top	ntal sheets in form of rough 6 on this repor o of this form.	lists, sketches, c	or drawings may each sheet, and	be used, provided (1' (3) each sheet is nur) size is 8½ mbered an	in. x 11 in., (2) id the number of	nforma- sheets is

. F	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
٦	Гуре Code Symbol StampNA
	Certificate of Authorization No. NA Expiration Date NA Signed Authorization No. 19 ISI ENGINEER Date NO. 14 , 19 95 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	t, 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.
i	Hartford, Ct. Rie have inspected the components described in this Owner's Report during the period 5-10-94 /0-14-93 to /0-14-96 /3-10-97, 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
i	Pobert L. Corden Commissions Va. 543
-	Inspector's Signature National Board, State, Province, and Endorsements
	Date

Attachment II Page 5 of 44 Serial No.: 96-310 Docket No.: 50-281

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		Co.	1/5/96 Date			
	Name Blvd., Glen Allen	•		1	1	<u></u>	
	Address			Sheet	of		
Surry P	ower Station	L		Two Unit			
	Name ad Rd., Surry, Va			WO#00324008-01,	PR#95-23	16	
	Address					.O. No., Job No.,	
. Work Performed by		r				•	etc.
		Name		Type Code Symbol Authorization No.			
s	Same as above	· .		Expiration Date	377		
	Address	or Coolant					
, Identification of Sys	stem						
(a) Applicable Cons	B3:	1.1 19	55 Edition	NA A	ddenda	N-1, N-7	Code Ca
	ion of Section XI Ut						_0000 00
<u> </u>				,			ASME
	,						ASME
			National			Repaired,	Code Stamped
Name of Component	Name of "." Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes or No)
m Assembly(plug)	Copes-Vulcan	Part # 141703	NA.	2-RC-PCV-2455C	NA	Replaced	No
m Assembly(plug)	Copes-Vulcan	Part # 141703	NA.	2-RC-PCV-2455C	NA	Replacement	No
							=
·				l		l	
·		I .					
Description of Work	Overhaul valve.	· ·				· .	
Tests Conducted:			ominal 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

C: . Remarks	SY257079		•	
		Applicable Manufacturer's	Data Reports to be attached	
				•
		CERTIFICATE OF COM	MPLIANCE	
We c		ade in the report are correct	and this <u>replacement</u> conforms to repair or replacement	the rules of the .
Type Code Syn	nbol StampNA	Ą	·	
Certificate of A	Authorization NoNZ	TSI ENGINEE	Expiration Date NA	, 19 <i>.\$6</i>
_		CERTIFICATE OF INSER	VICE INSPECTION	
I, the undersign or Province of_	Virginia ,	ion issued by the National E	Board of Boiler and Pressure Vessel Inspec HSBI and I Co.	tors and the State
in this Owner's	Hartford, Ct.		have increased the comm	onents described
			caminations and taken corrective measure	s described in this
Owner's Report	t in accordance with the requ	irements of the ASME Cod	le, Section XI.	
By signing t	his certificate neither the Ir	nspector nor his employer	makes any warranty, expressed or implie	d, concerning the
		•	oort. Furthermore, neither the Inspector age or a loss of any kind arising from or co	
inspection.	Whent f. Co	Commission		
	Inspector's Signature		National Board, State, Province, and	Endorsements
Date	<u> </u>	76		

Attachment II Page 6 of 44 Serial No.: 96-310 Docket No.: 50-281

							
Virgini	la Electric a			1/5/96 Date			
5000 Dominion	Name Blvd., Glen Aller		,	1 Sheet	of 1		
Surry P	Address ower Station			Two Unit	<u> </u>		
-	Name d Rd., Surry, Va.	23883		WO#00330241-01,	RR#95-24	12	
	Address			Repair Orga	enization F	.O. No., Job No.,	etc.
3. Work Performed by	Virginia Power	2		Type Code Symbol	Stamp	NA.	•
5. (15 11.) 5. (5. (5. (15. (15. (15. (15. (15. (15		Name		Authorization No.			
s	ame as above			Expiration Date	NA .		
4. Identification of Sys	Address Reacto	or Coolant	· .				
5. (a) Applicable Cons	В31			NA	Addenda,_	N-1, N-7	_Code Case
6. Identification of Co	mponents Repaired (or Replaced and F	Replacement Con	nponents		•	
			Alexiand			Repaired,	ASME Code Stamped
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other dentification	Year Built	Replaced, or Replacement	(Yes
Steam Gen. Manway Stud & Nut Assy.	Westinghouse	NA	NA	2-RC-E-1B	NA	Replacement	МО
			: '	,			
						<u> </u>	
		-					
	Hydrostatic Pn	eumatic No	ominal Operating				
NOTE: Supplement	Other Pressure_ tal sheets in form of ough 6 on this report of this form.	lists, sketches, o	or drawings may l	be used, provided (1) size is 8½ nbered an	in. x 11 in., (2) i d the number of	nforma- sheets is
(12/82)	This Form (E0003	(0) may be obtain	ed from the Ord	er Dept., ASME, 345	5 E. 47th S	St., New York, N.	Y. 10017

Remarks	PO# ET41822	-				
		Applicable	Manufacturer's D	ata Reports to be attac	ched	
					gr.	_
	,					
						· · · · · · · · · · · · · · · · · · ·
	,	CERTIF	FICATE OF COM	PLIANCE		
ASME C	We certify that the st	tatements made in the re	eport are correct	and this <u>replacemen</u> repair or replac	conforms to the	e rules of the
,		. ,			,	
Type Co	ode Symbol Stamp	NA		· .		·
Certifica	ate of Authorization No	NA NA		Expiration Date	NA	
Signed	Owner of Owner's De	ZSI esignee, Title	- ENGWER	L Date Jaw.	<u>~</u>	., 19 <u>96</u>
		CERTIFIC	ATE OF INSERV	ICE INSPECTION		
I, the un or Provir	nce of Virginia	alid commission issued b	oy the National Bo	pard of Boiler and Press HSBI and I	sure Vessel Inspector	rs and the Stat
	Hartiord,	, Ct.			pected the compor	ents describe
		and belief, the Owner h				
Owner's	Report in accordance	with the requirements o	of the ASME Code	, Section XI,		•
By sig	gning this certificate r	neither the Inspector no	or his employer m	nakes any warranty, ex	kpressed or implied,	concerning th
	tions and corrective n	neasures described in th	his Owner's Repo	ort. Furthermore, neit	her the Inspector no	or his employe
		for any personal injury o	or property damag	e or a loss of any kind	arising from or conr	ected with th
	liable in any manner f	· ·	or property damag	je or a lőss of any kind	arising from or conr	nected with th
shall be l	liable in any manner f	· ·		Va	-	nected with th
shall be l	liable in any manner f	for any personal injury o	or property damag	Va.	-	
shall be l	liable in any manner for.	for any personal injury o		Va.	543	

Attachment II Page 7 of 44 Serial No.: 96-310 Docket No.: 50-281

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

Virg:	inia Electric a	and Power (Co.	2/14/9 Date	6		
	Name on Blvd., Glen Aller	n, Va. 23060		1 Sheet	1 of1		
Surry 2. Plant	Address Power Station	-		Two			
	Name sland Rd., Surry, Va	. 23883		WO#00331556-01,	RR#95-2	43	_
	Address			Repair Org	anization F	.O. No., Job No.,	etc.
3. Work Performed	by Virginia Power	r .		Type Code Symbo	l Stamp	NA	
	Same as above	Name		Authorization No.	NΤΔ		
	Address		·	Expiration Date			
4. Identification of	SystemChargi	ing					
m 13 Amel 11 A	B31	L.1 19	55	NA	N -d -dd	N-1, N-7	
• • • • •	Construction Code Edition of Section XI Uti			å o	Addenda,_		_Code Case
(2) ((pp.)00211 2							
6. Identification of	Components Repaired of	or Replaced and F	Replacement Con	nponents ⁻			
							ASME
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Code Stamped (Yes
Weld	NA.	NA	NA	2"-CH-385-602	NA	Repaired	No
			· ·	•			
7. Description of W	ork Repair weld leak	c. Code Case N	-416-1 applies		,		
B. Tests Conducted:	: Hydrostatic Pn	. —	minal Operating Test Temp	Pressure V			
NOTE: Supplem tion in items 1 t recorded at the t	nental sheets in form of through 6 on this report op of this form,	lists, sketches, o	or drawings may beach sheet, and (oe used, provided (1 3) each sheet is nui) size is 8½ nbered and	in. x 11 in., (2) id the number of s	nforma- cheets is

(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
<u>. </u>
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this repair conforms to the rules of the
ASME Code, Section XI.
NTA
Type Code Symbol StampNA
NA NA
Certificate of Authorization NoExpiration Date
Signed Waref L. Kopen ISI Engineer Date FLB. 19 , 19.96 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Uirginia and employed by HSBI and I Co. of Hartford, Ct.
Hartford, Ct. have inspected the components described
in this Owner's Report during the period $\frac{5-10-94}{t_0}$ to $\frac{5-10-97}{t_0}$, 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.
Lobert J. Cover Commissions Va. 543
Inspector's Signature National Board, State, Province, and Endorsements
A
Date

Attachment II Page 8 of 44 Serial No.: 96-310 Docket No.: 50-281

Virgin:		nd Power (Co.	8/1/96 Date			
5000 Dominion	Name Blvd., Glen Allen	, Va. 23060		1 Sheet	3 of		
Surry P	Address ower Station			Two			
	Name ad Rd., Surry, Va.	23883		WO#00299371-05,	RR#96-00	04	
	Address			Repair Orga	nization f	O. No., Job No.,	etc.
3. Work Performed by	Virginia Power			Type Code Symbol	Stamp	NA	
		Name		Authorization No.			
S	same as above			Expiration Date	NA		
	Address Chemic	al and Volume	Control				
4. Identification of Sy	stem						
E (a) Applicable Con-	B31		55 Edition	NA	al-dom al-	N-1, N-7	0-4-0-
5. (a) Applicable Cons	ion of Section XI Uti		-		.aaenaa,_	·	_Code Ca
(b) Applicable con	ion or section XI on	ilzed for Hepairs	or nepracement	.5 15			
5. Identification of Co	mnonents Renaired o	or Replaced and F	Renlacement Co	mnonents			
, 14611(11)(61)(61) 61 60							
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" Plate	Dubose Nat. Energy Services	DC # 104602	NA	2"-CH-306-602	NA	Replacement	No
4"X3"X1/4" TS	Dubose Nat. Energy Services	Ht. # 894998	. NA	2"-CH-306-602	NA	Replacement	No
2 1/2" Pipe	Hub, Inc.	Ht # N07998	NA	2"-CH-306-602	NA	Replacement	No
1/2"-13 X 2" Bolts	Mackson, Inc.	NA	NA	2"-CH-306-602	NA	Replacement	No
1/2"-13 Nuts	Mackson, Inc.	NA	NA	2"-CH-306-602	NA	Replacement	No
. Description of Work	Add/modify pipe	supports on 2"	7-CH-306-602 a	as required by DCP	96-063.	05, Rev. 8.	
	·	_	minal Operating				
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 is included on e	r drawings may each sheet, and	be used, provided (1) (3) each sheet is num	size is 8½ ibered and	in. x 11 in., (2) id d the number of s	nforma- sheets is

. Remarks	PO # CNT-506713 (1/4" plate), CNT-507236 (4"X 3"X 1/4" TS),
	Applicable Manufacturer's Data Reports to be attached
	CSY-383500 (2 1/2" pipe), BNT-467650 (bolts), CNT-511172 (nuts)
	CERTIFICATE OF COMPLIANCE
W	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the
ASME Code	e, Section XI. repair or replacement
Type Code	Symbol StampNA
Certificate of	of Authorization NoNAExpiration DateNA
	7/A
Signed	L. Rogert TSI ENGINEER Date Aug. 1 1996
· · · · · · ·	wner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
I, the under	rsigned, 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 Owr	ner's Report during the period
	of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Re	port in accordance with the requirements of the ASME Code, Section XI.
By signi	ng this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
	ns and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employe
	ple 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.	\$\\ 5\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Date	

Attachment II Page 9 of 44 Serial No.: 96-310 Docket No.: 50-281

Virgini							
1. Owner		ind Power (Co.	Date8/1/96			
	Name						
5000 Dominion	Blvd., Glen Allen	, Va. 23060		Sheet	of3		
	Address					-	
2. PlantP	ower Station			Unit			
	Name						
5570 Hog Islan	d Rd., Surry, Va.	23883		WO#00299371-05,	RR#96-0	04	
	Address			Repair Orga	nization F	.O. No., Job No.,	etc.
3. Work Performed by	Virginia Power	•		Type Code Symbol	Stamp	NA	
J. 1101111 O. 101111 O. 1011		Name		Authorization No.	NΔ		
s	ame as above			Expiration Date			
	Address						
4. Identification of Sys	tem Chemic	al and Volume	Control				
4. Identification of by		-			-		
5. (a) Applicable Cons	truction Code B31	. 1	55 Edition	NA A	ddenda	N-1, N-7	_Code Case
(b) Applicable Editi					iddenida,_		_0000 000
(b) Applicable Editi	on or section At Oti	nized for mepairs	or replacements	. 19			
Identification of Cor	nponents Repaired o	r Replaced and F	Replacement Cor	nponents			
			 		1		
					1		ACME
							ASME
							Code
			National			Repaired.	Code Stamped
Name of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	Code Stamped (Yes
Name of	Name of Manufacturer	Manufacturer Serial No.	Board	Other Identification	Year Built	1 ' '	Stamped (Yes
Name of Component	Name of Manufacturer	Manufacturer Serial No.		Other Identification	Year Built	Replaced,	Stamped (Yes
			Board	1		Replaced,	Stamped (Yes
		Serial No.	Board No.	1	Built	Replaced, or Replacement	Stamped (Yes or No)
	Manufacturer	Serial No.	Board No.	1		Replaced,	Stamped (Yes
Component	Manufacturer Energy &	Serial No. Packing Sli 10092 S.O.	Board No.	Identification	Built	Replaced, or Replacement	Stamped (Yes or No)
Component	Manufacturer Energy &	Serial No. Packing Sli	Board No.	Identification	Built	Replaced, or Replacement	Stamped (Yes or No)
Component 3"X 3" X 1/4" TS 2" U-Bolts	Manufacturer Energy & Process Corp. Grinnell Corp. Energy &	Packing Sli 10092 S.O. #41-17463 Packing Sli	Board No. P NA.	ldentification 2"-CH-306-602 2"-CH-306-602	Built NA NA	Replaced, or Replacement Replacement	Stamped (Yes or No)
Component 3"X 3" X 1/4" TS	Manufacturer Energy & Process Corp. Grinnell Corp.	Packing Sli 10092 S.O. #41-17463	Board No. P NA	Identification	Built	Replaced, or Replacement	Stamped (Yes or No)
Component 3"X 3" X 1/4" TS 2" U-Bolts	Manufacturer Energy & Process Corp. Grinnell Corp. Energy & Process Corp.	Packing Sli 10092 S.O. #41-17463 Packing Sli 6901	Board No. P NA.	ldentification 2"-CH-306-602 2"-CH-306-602	Built NA NA	Replaced, or Replacement Replacement	Stamped (Yes or No)
Component 3"X 3" X 1/4" TS 2" U-Bolts 2"X 2"X 1/4" TS	Manufacturer Energy & Process Corp. Grinnell Corp. Energy & Process Corp. Dubose Nat.	Serial No. Packing Sli 10092 S.O. #41-17463 Packing Sli 6901 Ht. #	Board No. P NA.	ldentification 2"-CH-306-602 2"-CH-306-602 2"-CH-306-602	NA NA NA	Replacement Replacement Replacement	Stamped (Yes or No) No
Component 3"X 3" X 1/4" TS 2" U-Bolts	Manufacturer Energy & Process Corp. Grinnell Corp. Energy & Process Corp.	Serial No. Packing Sli 10092 S.O. #41-17463 Packing Sli 6901 Ht. # J4710	Board No. P NA.	ldentification 2"-CH-306-602 2"-CH-306-602	Built NA NA	Replaced, or Replacement Replacement	Stamped (Yes or No)
Component 3"X 3" X 1/4" TS 2" U-Bolts 2"X 2"X 1/4" TS	Manufacturer Energy & Process Corp. Grinnell Corp. Energy & Process Corp. Dubose Nat.	Serial No. Packing Sli 10092 S.O. #41-17463 Packing Sli 6901 Ht. #	Board No. P NA.	ldentification 2"-CH-306-602 2"-CH-306-602 2"-CH-306-602	NA NA NA	Replacement Replacement Replacement	Stamped (Yes or No)

PO
Applicable Manufacturer's Data Reports to be attached CNT-469123 (U-bolts), CNT-489737 (2"X 2"X 1/4" TS),
CNT-497424 (2"X 2"X 1/4" angle).
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. L. Lorent ISI ENGINEER Date Aug. 1, 19 96 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described
in this Owner's Report during the period $\frac{5/10/97}{}$ to $\frac{5/10/97}{}$ 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.
Inspector's Signature National Board, State, Province, and Endorsements
Date

Attachment II Page 10 of 44

Serial No.: 96-310 Docket No.: 50-281

=		ia Electric a	nd Power (Co.	8/1/96			
١.	Owner	Name Blvd., Glen Allen	, Va. 23060		Date	3		
2.	Surry F	Address Power Station			Two			
	•	Name ad Rd., Surry, Va.	23883		WO#00299371-05,	RR#96-00)4	
		Address			Repair Orga	nization f	.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		
4.	Identification of Sy	Chamia	al and Volume		•			
	(a) Applicable Con	struction CodeB31 tion of Section XI Uti	.119	55 Edition, or Replacement		Addenda,_	N-1, N-7	_Code Case
6.	Identification of Co	omponents Repaired o	r Replaced and F	Replacement Cor	mponents			
	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" Plate	Dubose Steel, Inc.	Ht. # 411T4821	NA	2"-CH-306-602	NA	Replacement	No
	3/8" Plate	Dubose Nat. Energy Services	Ht. # 412C2722	NA	2"-CH-306-602	NA	Replacement	No
	Description of Work	Add/modify pipe Hydrostatic Pno	_	v-CH-306-602 a		96-063.	05, Rev. 8.	
	NOTE: Supplemention in items 1 throrecorded at the top	ital sheets in form of ough 6 on this report	lists, sketches, o	Test Temp or drawings may each sheet, and	be used, provided (1)) size is 8½ nbered an	in. x 11 in., (2) id the number of	nforma- sheets is

PO # CSY-294822 (3/4"" plate), SSY-389347 (3/8" plate).	
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 rule ASME Code, Section XI.	s of the
· · · · · · · · · · · · · · · · · · ·	,
Type Code Symbol StampNA	
Type Code Symbol Stamp	
Certificate of Authorization No. NA Expiration Date NA	
Signed O. L. Account ISI ENGINEER Date And. 1 , 195	76
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and or Province of Virginia and employed by HSBI and I Co.	the State
in this Owner's Report during the period. have inspected the components of the comp	described
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures describ	
Owner's Report in accordance with the requirements of the ASME Code, Section XI.	ed in this
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, conce	rning 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,	
Commissions Va. 883	
Inspector's Signature National Board, State, Province, and Endorse	ments
4/5/96	
Date19_7	

Attachment II Page 11 of 44 Serial No.: 96-310 Docket No.: 50-281

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

=			<u></u>					
1.	Virgin:	ia Electric a		Co.	6/4/96 Date			
		Name Blvd., Glen Aller			1	1	,	
		Address			Sheet	of	<u> </u>	
_	Surry P	ower Station			Two			
2.	Plant	Name			Unit			<u> </u>
	5570 Hog Islan	d Rd., Surry, Va.	23883		WO#00330314-01,	RR#96-00	05	
		Address			Repair Orga	anization F	P.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power	·		Type Code Symbo	Stamp	NA	
			Name		Authorization No.			
	S	Same as above	<u></u>		Expiration Date	NA		
	•	Address	or Coolant					
4.	Identification of Sy	stem						
_		B31	1	55	NA		N-1, N-7	
5.		struction Code				Addenda,_	N-1, N-7	_Code Case
	(b) Applicable Edit	ion of Section XI Uti	lized for Repairs	or Heplacement	IS 19			•
_				3				
6.	Identification of Co	mponents Repaired o	or mepiaced and i	replacement Co	mponents			
Г						T	T	
								ASME
							1	Code
ŀ	Nissan of	Name of	Manufacturer	National Board	Other	\ \v	Repaired, Replaced,	Stamped (Yes
	Näme of Component	Manufacturer	Serial No.	No.	Other Identification	Year Built	or Replacement	1
ĺ]
L				ļ		 		
	Nuts	Anchor/Darling	Part# W1383	NA .	2-RC-MOV-2592	NA	Replaced	No
┝		, ,	Part# W1383	 		-	 -	ļ
	Nuts	Anchor/Darling	Ht# 442154	· NA	2-RC-MOV-2592	NA	Replacement	No
-		-				 	 	
						 	 	
						1		
	· · · · · · · · · · · · · · · · · · ·							
7.	Description of Work	Replace body to	bonnet gasket		···			
	7.							
8.	Tests Conducted:	Hydrostatic Pn	eumatic 🗌 No	ominal Operating	Pressure 🔲			
		Other Pressure_	psi	Test Temp	°F			
	•							
	NOTE: Supplemen	tal sheets in form of	lists, sketches, o	or drawings may	be used, provided (1)) size is 81/2	in. x 11 in., (2) i	nforma-
	tion in items 1 thro	ough 6 on this report of this form.	is included on (each sheet, and	(3) BECH SHEET IS NUT	noered an	a the number of 9	SHECTS IS
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	J. 3.110 . W. 1111						
					•			

(12/82)

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

PO # CNT-501332

Remarks						
	Applicable Ma	anufacturer's Da	ata Reports	to be attach	ed	
	, ,					
·						
	CERTIFIC	ATE OF COMP				
We certify that the statement ASME Code, Section XI.	s made in the rep	ort are correct a		eplacement ir or replacer		o the rules of the
Type Code Symbol Stamp	NA					
	NA				NA	
Certificate of Authorization No.			•			
Signed 4. 4. 6 Designee, 1	ISI EN	buttl	Date	Tune	#	, 19 <i>_26</i>
	CERTIFICAT	E OF INSERVI	CE INSPE	CTION		
I, the undersigned, holding a valid comm	nission issued by	the National Bo	ard of Boil	er and Pressu	re Vessel Inspe	ctors and the Sta
or Province of Virginia Hartford, Ct.	and employed	by	1100	h !		(
in this Owner's Report during the per	riod	5/10/9	24 to_	5//0/9	7	ponents describe , and state the
to the best of my knowledge and belie		•				
Owner's Report in accordance with the	requirements of t	he ASME Code	Section X	١.		
By signing this certificate neither the	ne Inspector nor l	his employer m	akes any w	arranty, exp	ressed or impli	ed, concerning th
examinations and corrective measures						
shall be liable in any manner for any po	∍rsonal injury or p	property damage	e or a loss o	of any kind a	rising from or c	onnected with th
inspection.	\					
- Casm	\mathcal{M}_{-}	_ Commissions .		Va. 8		
Inspector's Signature	t .		Nationa	l Board, Stat	e, Province, and	Endorsements
Date	<u>996</u>					

Attachment II Page 12 of 44 Serial No.: 96-310 Docket No.: 50-281

=	7711-	io Diografia s	and Dover (3/20/96	 	·	
1.	Owner	ia Electric a		.o.	3/20/96 Date) 		
	5000 Dominion	Name Blvd., Glen Aller			1 Sheet	1.	_	
2.	Surry I	Address Power Station			Two			
		Name nd Rd., Surry, Va.	23883		WO#00336901-02,	RR#96-01	13	
		Address	-		Repair Orga	anization f	.O. No., Job No.,	etc.
3.	Work Performed by	/Virginia Power	•		Type Code Symbol	Stamp	NA	
٠.	,		Name		Authorization No.	IV.CL		
		Same as above			Expiration Date	NT7		
	-	Address	•	_				
4.	Identification of Sy	/stemResidu	al Heat Remova	al - 				
5.	(a) Applicable Con	B31	1	55 Edition,	NA A	Addenda.	N-1, N-7	Code Cas
٥.		tion of Section XI Uti			0.0			_0000 000
	(a) (a)		•	•				
6.	Identification of Co	omponents Repaired o	or Replaced and F	Replacement Co	mponents			
								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)
	Pipe	Dubose National Energy Serv. Inc.	Ht. #SW481	NA	6"-RH-120-152	NA	Replacement	No
	Plate	Energy & Process Corp.	NA	NA	Support H-31	NA	Replacement	No
	Pipe	Consolidated Power Supply	NA	NA	Support H-31	NA	Replacement	No
					•			
7.	Description of Work	Replace piping a	and support. Co	ode Case N-41	6-1 applies.			
3,	Tests Conducted:	Hydrostatic Pn Other Pressure	_	ominal 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, c is included on o	or drawings may each sheet, and	be used, provided (1) (3) each sheet is nur) size is 8½ nbered an	in. x 11 in., (2) i d the number of s	nforma- sheets is

CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed Sand Land TST Inquilibrium Date NA Signed Symbol Stamp TST Inquilibrium Date NA Owner or Owner's Designee, Title
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed Associated Symbol Stamp Date NA
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed A Record A
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed A Record A Authorization No. NA Date Maken 40 19 96
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed Associated Symbol Stamp TST Associated Date Maken 40 19 96
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed Association No. NA Expiration Date NA Signed Association No. NA Expiration Date NA Signed Association No. NA Expiration Date NA NA NA Signed Association No. NA
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed A Record A Authorization No. NA Date Maken 40 19 96
Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed A Record A Authorization No. 19 96
Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed A A Signed A A A Signed A A A A A A A A A A A A A A A A A A A
Certificate of Authorization No. NA Expiration Date NA Signed A S
Certificate of Authorization No. NA Expiration Date NA Signed A 2
Signed A Signed TST Language Date MARCH 20 19 96
Signed Desil Local TST Language Date MARCH 20 19 96
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct.
have inspected the components described
in this Owner's Report during the period 10-14-93 to 10-14-96 , and state that to the best of my knowledge and heliof the Owner has performed every institute and taken corrective received described in this
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.
Value d. Coda Commissions Va. 543
Inspector's Signature National Board, State, Province, and Endorsements
Date3-2019_96

=				·				
1.	Owner	ia Electric a	nd Power (Co.	7/3/96 Date			
		Name Blvd., Glen Allen	, Va. 23060		1 Sheet			
2.	Surry F	Address Power Station Name			Two			
		Name nd Rd., Surry, Va.	23883		WO#00338531-05,	RR#96-0	17	
		Address			Repair Orga	anization f	.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		
		stemChemic	al and Volume	Control				
4.	Identification of Sys	stem						-
5.	(a) Applicable Cons	struction CodeB31	.119	Edition,_	NA A	Addenda	N-1, N-7	Code Case
		ion of Section XI Util						
6.	Identification of Co	mponents Repaired o	r 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)
	Pipe	NA	NA	NA	2"-CH-385-602	NA	Replaced	No
	Pipe	John H. Frischkorn, Inc	. 210465	NA	2"-CH-385-602	NA	Replacement	No
	Coupling	Ray Miller, Inc.	NA	NA	2"-CH-385-602	NA	Replacement	No
7.	Description of Work	Replace piping.	Code Case N-4:	16-1 applies.	I	J		
8.		Hydrostatic Pne Other Pressure	eumatic No	ominal Operating Test Temp	Pressure P			
	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, a is included on e	or drawings may beach sheet, and (pe used, provided (1) 3) each sheet is nur) size is 8½ nbered an	in. × 11 in., (2) ind the number of s	nforma- heets is

9.	PO # SSY-184712 (pipe), PO # 39527 (coupling)
	Applicable Manufacturer's Data Reports to be attached Deviation Report # S-96-1454 written due to lack of material
	certification documentation for PO # 39527.
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 Of Recent ISI Engineer. Date Tury 3 , 19 96
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 5/10/94 to 5/10/97, 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 7/8/1996

Attachment II Page 14 of 44 Serial No.: 96-310

Docket No.: 50-281

Virgini	a Electric		Co.	6/18/96 Date			
	Name Blvd., Glen Alle	n, Va. 23060		1 Sheet	of		
Surry P	Address ower Station Name			Two			
	d Rd., Surry, Va			WO#00337645-01,	RR#96-01	18	
	Address			Repair Orga	nization f	.O. No., Job No.,	etc.
3. Work Performed by	Virginia Powe	Name		Type Code Symbol	NA	NA	
s	ame as above			Authorization No. Expiration Date			
	Address			Expiration Date			
4. Identification of Sys	itemReacto	or Coolant					
5. (a) Applicable Cons	truction CodeB3:	119			Addenda,_	N-1, N-7	_Code Case
(b) Applicable Editi 6. Identification of Cor							
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)
rim Assembly (plug)	Copes-Vulcan	Part # 141703	NA	2-CH-HCV-2160	NA	Replaced	No
rim Assembly (plug)	Copes-Vulcan	Part # 141703	NA	2-CH-HCV-2160	NA	Replacement	No
7. Description of Work	Overhaul valve.						
	Hydrostatic Pr Other Pressure_	_	minal Operating Test Temp.				
NOTE: Supplement tion in items 1 thro recorded at the top of	ugh 6 on this repor	lists, sketches, o t is included on e	r drawings may ach sheet, and	be used, provided (1) (3) each sheet is nun	size is 8%	in. x 11 in., (2) i d the number of s	nforma- sheets is

Remarks	D # CNT-518774
	Applicable Manufacturer's Data Reports to be attached
	·
	CERTIFICATE OF COMPLIANCE
We	ertify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the
ASME Code,	rongir or replacement
	NA NA
Type Code Sy	abol Stamp
Certificate of	uthorization No. NA Expiration Date NA
Signed	I ST Engrille Date June 18 , 19 96 or or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
l, the undersig or Province of	ed, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta Virginia HSBI and I Co.
	have inspected the components describ
	Report during the period
	my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the
-	in accordance with the requirements of the ASME Code, Section XI.
	his certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning t
	nd corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ n any manner for any personal injury or property damage or a loss of any kind arising from or connected with ti
inspection.	is any mariner for any personal injury of property damage of a loss of any kind drising from of connected with the
	At a second
	Commissions Va. 883
	Inspector's Signature National Board, State, Province, and Endorsements
	1.12-1 96
Date	<u> </u>

Attachment II Page 15 of 44 Serial No.: 96-310 Docket No.: 50-281

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

Virgini	a Electric a			6/4/96 Date			
5000 Dominion	Name Blvd., Glen Aller			1 Sheet	1 of		
Surry P	Address ower Station		-	Two			
	Name d Rd., Surry, Va			WO#00313722-01,	RŖ#96-01	9 .	
	Address			Repair Orga	enization P	.O. No., Job No.,	etc.
3. Work Performed by	Virginia Powe	c		Type Code Symbol	Stamp	NA	
		Name		Authorization No.	NA		
s	ame as above		·	Expiration Date	NA		
	Address	w Coolant					
4. Identification of Sys	stem	or Coolant					-
5. (a) Applicable Cons	B31 struction Code	1 19	55 Edition,	NA	Addenda,	N-1, N-7	_Code Case
(b) Applicable Editi							
6. Identification of Co	mponents Repaired	or Replaced and F	Replacement Co	mponents			
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)
Composition							
rim Assembly(plug)	Copes/Vulcan	Part# 138120	NA	2-RC-HCV-2557C	NA	Replaced	No
rim Assembly(plug)	Copes/Vulcan	Part# 138120 Ht# 32626	NA	2-RC-HCV-2557C	NA	Replacement	Мо
-							
7. Description of Work	Overhaul valve.						
	Hydrostatic Proof	_	minal Operating Test Temp.				
NOTE: Supplement tion in items 1 thro recorded at the top	ough 6 on this repor	ilists, sketches, o t is included on e	or drawings may each sheet, and	be used, provided (1 (3) each sheet is nur) size is 8½ mbered and	in. x 11 in., (2) indicated 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

Remarks	PO # CNT-517242
	Applicable Manufacturer's Data Reports to be attached
	
	
•	CERTIFICATE OF COMPLIANCE
ASME C	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 Co	de Symbol StampNA
Certificat Signed	te of Authorization No. NA Expiration Date NA County September ST Expiration Date NA Owner of 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 are of Virginia HSBI and I Co. of Hartford, Ct.
	Hartford, Ct. have inspected the components described bwner's Report during the period. 5/10/94 to 5/10/97, and state that
to the be	est 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,
examinat	
	Commissions Va. 883 National Board, State, Province, and Endorsements
Date	Inspector's Signature Commissions Va. 883 National Board, State, Province, and Endorsements

Attachment II Page 16 of 44 Serial No.: 96-310 Docket No.: 50-281

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

							
Virgini	la Electric a	nd Power (Co.	6/4/96 Date			
	Name						
5000 Dominion	Blvd., Glen Allen	, Va. 23060		Shoot 1	1		
	Address			Sheetc)T		· · · · ·
Surry P	ower Station			Two			
2. Plant	Name		_	Unit	· · · · · · · · · · · · · · · · · · ·		
5570 Hog Islan	d Rd., Surry, Va.	23883		WO#00310141-01,	RR#96-02	:0	
							
	Address			Hepair Orga	nization 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			Expiration Date			-
	Reacto	r Coolant					
4. Identification of Sys	stem						
5. (a) Applicable Cons	on of Section XI Uti	lized for Repairs	or Replacements	19 <u>89</u>		N-1, N-7	_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)
Trim Assembly(plug)	Copes/Vulcan	Part# 131428	NA	2-RC-PCV-2455B	NA	Replaced	Йo
Trim Assembly(plug)	Copes/Vulcan	Part# 131428	· NA	2-RC-PCV-2455B	NA	Replacement	No
		eumatic No	-				
NOTE: Supplement tion in items 1 thro recorded at the top of	ugh 6 on this report	lists, sketches, o is included on e	or drawings may beach sheet, and (ne used, provided (1) 3) each sheet is num	size is 8½ bered and	in. × 11 in., (2) indicated 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 # CN1-512166
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
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 Vilginia and employed by
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.
Inspector's Signature National Board, State, Province, and Endorsements
Inspector's Signature Commissions Va. 883 National Board, State, Province, and Endorsements Date 6/11/19/96

Attachment II Page 17 of 44 Serial No.: 96-310 Docket No.: 50-281

=								
1.	Virgini			Co.	6/4/96 Date			
	5000 Dominion	Name Blvd., Glen Aller			1			
	Surry D	Address ower Station		_	SheetC	of		
2.	Plant		<u> </u>		Unit			
		Name			WO#00314942-01,	DD#06 03	2.4	
	5570 Hog Islan	d Rd., Surry, Va.						
		Address					o.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power	Name		Type Code Symbol	Stamp_	NA	
	_		1481116		Authorization No	NA.		
	s	ame as above			Expiration Date	NA		_
		Address	al and Volume	G				
4.	Identification of Sys	stemCnemic	at and volume	Control				
5.		struction CodeB31 ion of Section XI Uti		Edition,_		.ddenda,_	N-1, N-7	_Code Case
6.	Identification of Co	mponents Repaired o	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)
	Studs	NA	NA	NA	2-CH-267	NA	Replaced	No
	Nuts	NA	NA	NA	2-CH-267	NA	Replaced	No
	Studs	Mackson, Inc.	Ht# A16605	NA	2-CH-267	NA	Replacement	Ио
	Nuts	Mackson, Inc.	Ht# 703280	NA	2-CH-267	NA	Replacement	Мо
— 7.	Description of Work	Open, inspect va	alve and replac	ce cover faste	ners.			
3.		Hydrostatic Pn Other Pressure_	_	minal Operating Test Temp	_			
	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	or drawings may t each sheet, and (pe used, provided (1) 3) each sheet is num	size is 8½ nbered an	in. x 11 in., (2) indicates the state of states of state	nforma- sheets is

9.	PO # CNT-515124(nuts), CNT-518821(studs) 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 Alars G. Joseph TSI Entire Date Tunk 4 , 19 96 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State ASSET AND I CO.
	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 5/10/94 to 5/10/97 , 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
	Inspector's Signature National Board, State, Province, and Endorsements Date

Attachment II Page 18 of 44 Serial No.: 96-310 Docket No.: 50-281

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

=								
1.	Virgin:	ia Electric a		Co.	7/16/9	6		
		Name Blvd., Glen Aller			1 Sheet	1	-	,
2.	Surry P	Address Ower Station			Two			
		Name nd Rd., Surry, Va.			WO#00338171-01,			
		Address			Repair Org	anization P	.O. No., Job No.,	etc.
3	Work Performed by	Virginia Power	.		Type Code Symbo	ni Stamp	NA	
٥.	WORK CHOINING DY		Name		Authorization No.	NÁ		
	S	Same as above	·		Expiration Date	NT2		
		Ad dress						
4.	Identification of Sy	stemSteam	Generator Nitr	rogen		•		
	(a) Applicable Cons	struction CodeB31	119	55 Edition,		Addenda,_	N-1, N-7	_Code Case
	(b) Applicable Edit	ion of Section XI Uti	lized for Repairs	or Replacements	19			
6.	Identification of Co	mponents Repaired o	or Replaced and F	Replacement Con	nponents			
	Name of	Name of	Manufacturer	National Board	Other	Year	Repaired,	ASME Code Stamped (Yes
	Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	l ' l
	Valve	NA	NA	NA	2-GN-1	NA .	Replaced	No
	Valve	Vogt	1 or 2- 217176	NA	2-GN-1	NA	Replacement	No
_				1				
_								
_								
 7.	Description of Work	Replace valve. O	Code Case N-416	5-1 applies.	·			
3.		Hydrostatic Pn Other Pressure		minal Operating Test Temp.		٠		
	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 t each sheet, and (pe used, provided (1 3) each sheet is nu) size is 8½ mbered and	in. x 11 in., (2) indicated 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

CNT-504093	
	Applicable Manufacturer's Data Reports to be attached
·	
	
•	CERTIFICATE OF COMPLIANCE
	s made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement
ASME Code, Section XI.	
	NA
Type Code Symbol Stamp	
Certificate of Authorization No.	NA Expiration Date NA
Signed A Cores To	ST Engresch. Date Tury 16 , 19 96
	CERTIFICATE OF INSERVICE INSPECTION
or Province of Virginia	mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State —and employed by
Hartford, Ct.	have, inspected the components described
in this Owner's Report during the per	
	f, the Owner has performed examinations and taken corrective measures described in this requirements of the ASME Code, Section XI.
·	ne Inspector nor his employer makes any warranty, expressed or implied, concerning the
,	described in this Owner's Report. Furthermore, neither the Inspector nor his employer
shall be liable in any manner for any pe	ersonal injury or property damage or a loss of any kind arising from or connected with this
inspection.	
Ma Smill	Commissions Va. 883
Inspector's Signature	National Board, State, Province, and Endorsements
7/24/	26
Date1	9 <u>/</u>

Attachment II Page 19 of 44 Serial No.: 96-310 Docket No.: 50-281

=		-						
1.	Owner	ia Electric a	nd Power (Co	7/17/96	;		
	5000 Dominion	Blvd., Glen Allen	, Va. 23060		1 Sheet	1 of1	·	
2.	PlantSurry P	Address ower Station			Two			
	5570 Hog Islan	Name ad Rd., Surry, Va.	23883		WO#00338171-01,	RR#96-02	7	
		Address			Repair Orga	nization P	.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power			Type Code Symbol	Stamp	NA.	
-	•		Name		Authorization No.	NÀ		
	s	same as above			Expiration Date	NA		
		Address					•	
4.	Identification of Sys	stemInstru	ment Air					
	(a) Applicable Cons (b) Applicable Editi	ion of Section XI Util	ized for Repairs	or Replacements	19 <u>89</u>	ddenda,	N-1, N-7	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)
	Valve	NA	` NA	. NA	2-IA-868	NA	Replaced	No
	Valve	Stockham Valves & Fittings, Inc	. 2"B322B	NA	2-IA-868	NA	Replacement	No
	Coupling	Hajoca Corp.	NA	NA	2-IA-868	NA	Replacement	No
	Tubing	John H. Frischkorn, Inc	. NA	, NA	2-IA-868	NA -	Replacement	No
	Adaptor	John H. Frischkorn, Inc	. 194955	NA	2-IA-868	NA	Replacement	Ио
7.	Description of Work							
3.		Other Pressure_	psipsi	minal Operating Test Temp.	NOT 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 is included on e	or drawings may t each sheet, and (pe used, provided (1) 3) each sheet is num	size is 8½ nbered and	in. x 11 in., (2) in the number of s	nforma- sheets is

9.	PO # CNT-523704 & PTE # SS142002.A01 (valve), CNT-443156 & Remarks
	Applicable Manufacturer's Data Reports to be attached PTE # SU-92-00055 (tubing), CNT-467614 & PTE # SCOM-029.A04
	(coupling), CSY-167592 (adaptor)
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
L	Signed W. L. Words TSI Englanded Date July 17 , 19.96 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 Hartford, Ct. and employed byof
	in this Owner's Report during the period 5/10/94 to 5/10/97, 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 7/33/1996

Attachment II Page 20 of 44 Serial No.: 96-310 Docket No.: 50-281

=								
1.	Virgin Owner	ia Electric	and Power C	0.	6/18/96 Date			
	5000 Dominion	Name Blvd., Glen Alle			1 Sheet	1		
2.	Surry I	Address Power Station			Two			
		Name nd Rd., Surry, Va		-	WO#00332163-01,			
		Address			Repair Orga	nization F	.O. No., Job No.,	etc.
3.	Work Performed by	/Virginia Powe	r		Type Code Symbol	Stamp	NA	
			Name		Authorization No.			
		Same as above			Expiration Date	NA		
		Address	Tudaatdan					
4.	Identification of Sy	/stem	y Injection	 				· · · · · · · · · · · · · · · · · · ·
			1.1	55	NA		N-1, N-7	
5.	• • •	struction Code			0.0	.ddenda,_	N-1, N-7	_Code Case
	(b) Applicable Edit	tion of Section XI Ut	tilized for Repairs	or Replacement	s 19			
6.	Identification of Co	omponents Repaired	or Replaced and R	leplacement Cor	nponents			
Г					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)
L								
	Valve	Velan	Stock # 06304640	NA	2-SI-243	NA	Replaced	No
	Valve	Velan	Stock # 06304640	NA	2-SI-243	NA	Replacement	No
7.	Description of Work	Replace valve.	Code Case N-416	-1 applies.				-
8.	Tests Conducted:	Hydrostatic Processure_	neumatic No	minal Operating Test Temp	Pressure VOT °F			
	NOTE: Supplemention in items 1 threecorded at the top	ntal sheets in form o ough 6 on this repor of this form.	f lists, sketches, or t is included on e	r drawings may ach sheet, and	be used, provided (1) (3) each sheet is nun	size is 8½ nbered an	in. × 11 in., (2) i d the number of	nforma- sheets is

PO # CNT-398539
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 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
have inspected the components described
in this Owner's Report during the period. 5/10/94 to 5/10/97, 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
Date6/35/1996

Attachment II Page 21 of 44 Serial No.: 96-310 Docket No.: 50-281

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

							
Virgini	la Electric a	and Power (Co.	6/4/96 Date			
7. O	Name	1		Date			
5000 Dominion	Blvd., Glen Aller	n, Va. 23060		1 Sheet c	1 	·	
Surry P	Address ower Station			Two			
2. Plant				Unit			
	Name						
5570 Hog Islan	d Rd., Surry, Va	. 23883		WO#00330852-01,	RR#96-02	29	
	Address			Repair Orga	nization I	2.O. No., Job No.,	etc.
3. Work Performed by	Virginia Power	<u> </u>		Type Code Symbol	Stamp_	NA NA	
		Name		Authorization No			
s	ame as above			Expiration Date	NZ		
	Address			Expiration Date			
4. Identification of Sys	Reacto	or Coolant					
	par	L.1	F.F.	NZ		N-1 N-7	
5. (a) Applicable Cons	truction Code	19	Edition,	NA A	ddenda,_	N-1, N-7	_Code Case
(b) Applicable Editi	on of Section XI Ut	ilized for Repairs	or Replacement	s 19 89			
(2) (4)				· · · · · · · · · · · · · · · · · · ·			
6. Identification of Co	mponents Repaired	or Replaced and F	Replacement Co	mponents			
			i -	T			-
Name of	Name of	Manufacturer	National Board	Other	Yéar	Repaired, Replaced,	ASME Code Stamped (Yes
Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
Trim Assembly(plug)	Copes/Vulcan	Part# 131428	NA	2-RC-PCV-2455A	NA	Replaced	No
Trim Assembly(plug)	Copes/Vulcan	Part# 131428	NA	2-RC-PCV-2455	NA	Replacement	No
Studs	Mackson, Inc.	NA	NA	2-RC-PCV-2455A	NA	Replacement	No
Nuts	Consolidated Power Supply	NA	NA	2-RC-PCV-2455A	NA	Replacement	No
7. Description of Work	Overhaul valve.		····				
			3				
B. Tests Conducted:	Hydrostatic Pn	eumatic 🗌 No	minal Operating	Pressure			
(Other Pressure_	psi	Test Temp	°F			
NOTE: Supplement	al sheets in form of	lists, sketches, o	r drawings may	be used, provided (1)	size is 8½	in. x 11 in., (2) i	nforma-
tion in items 1 thro		t is included on e	each sheet, and	(3) each sheet is num	bered an	d the number of s	heets is
, agains at the top t	J. 1110 . 01.111						

(12/82)

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

P(Remarks) # CNT-5121	66(trim assemb	oly), BNT	-467650	(studs), CS	Y-188937	(nuts)
		Applicable Mar	nufacturer's Da	ta Reports to	be attached		
		· · ·	. =				<u>_</u>
	·						
		<u>_</u>					
		OF DETIFIED		LIANOE	·		
We c	ertify that the stater	nents made in the repo	ATE OF COMP		olacement con	forms to the r	ules of the
ASME Code, Se		iones made in the repo	it are correct ar	repair	or replacement	ironnis to the r	
					•		
		NA					
Type Code Sym	bol Stamp	NA					
Cartificate of A	uthorization No.	NA	-	Expiration Da	NA NA		
Signed War	r or Owner's Design	ISI La	Kw <i>ESU</i>	Date	Tune 4	, 1	9 <i>96</i>
		CERTIFICATE	OF INSERVI	CE INSPECT	ION		
	ed, holding a valid o Virginia	ommission issued by th	ne National Boa	ard of Boiler	and Pressure Vess	el Inspectors a	
or Province of_	Hartford, C	and employed b	у		and I Co.		of
in this Owner's	Report during the	neriod	5/10/94	/ 10 5	have inspected to	, an	
		pelief, the Owner has p	,,				
Owner's Report	in accordance with	the requirements of the	e ASME Code,	Section XI.			
By signing t	his certificate neith	er the Inspector nor hi	s employer ma	akes any war	ranty, expressed	or implied, co	ncerning the
		res described in this	·-		-	-	
	any manner for ar	ny personal injury or pr	operty damage	or a loss of a	any kind arising fr	om or connect	ed with this
inspection.	\sim	~ ****					
·	Ch.	mul	Commissions_		Va. 883		
	Inspector's Signa	ture .		National B	loard, State, Provi	nce, and Endo	rsements
	6/11	L1976					
Date	<u> </u>	- 19/19					

Attachment II Page 22 of 44 Serial No.: 96-310 Docket No.: 50-281

_										
1.	. Owner Virginia Electric and Power Co.				6/21/96 Date					
	5000 Dominion	Blvd., Glen Allen			1 Sheetc	1 of1				
2.	Surry P	Address Power Station Name			Two					
		Name nd Rd., Surry, Va.			WO#00329092-01,					
		Address	- -		Repair Orga	nization f	.O. No., Job No.,	etc.		
3.	Work Performed by	Virginia Power			Type Code Symbol		NA			
	•		Name		Authorization No			·· <u> </u>		
	<u></u>	Same as above	····		Expiration Date	NA_				
		stemChemic	al and Volume	Control						
4.	Identification of Sy	stem								
_	/->	B31	1	55 Edition	NA A	ddondo	N-1, N-7	Code Case		
5,		ion of Section XI Uti				ddenda,_		_Code Case		
	(b) Applicable cult	ion or section XI on	nzed for Nepalis	Of Treplacement	3 13					
6.	Identification of Co	mponents Repaired o	or Replaced and F	Replacement Co	mponents					
Γ							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)		
	Valve	NA	NA	NA	2-CH-MOV-2115B	NA	Replaced	No		
	Valve	Anchor/Darling	Stock # 06499205	NA	2-CH-MOV-2115B	NA	Replacement	No		
 7.	Description of Work	Replace valve. C	code Case N-416	5-1 applies.						
В.		Hydrostatic Pnother Pressure		minal 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 ibered an	in. x 11 in., (2) i d the number of	nforma- sheets is		

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 Stamp
Type Code Symbol StampNA
Certificate of Authorization No. NA Expiration Date NA
Signed Owner or Owner's Designee, Title Date Just 24 , 19 96
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct.
Hartford, Ct. have inspected the components described in this Owner's Report during the period $\frac{5/10/94}{10.5/10/97}$ to $\frac{5/10/97}{10.5/10/97}$, 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 Va. 883 National Board, State, Province, and Endorsements
4-01
Date6/3519/6

Attachment II Page 23 of 44 Serial No.: 96-310 Docket No.: 50-281

1.	Virgini	ia Electric a	nd Power (6/21/96 Date			
	5000 Dominion	Name Blvd., Glen Allen	, Va. 23060	· · · · · · · · · · · · · · · · · · ·	1 Sheetc	1 of1		
2.	Surry P	Address ower Station			Two			,
		Name d Rd., Surry, Va.	23883	-	WO#00329093-01,	RR#96-03	8	
		Address	,		Repair Orga	nization P	.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power			Type Code Symbol	Stamp	NA	
		ame as above	Name		Authorization No	N72		
		Address		· · ·	Expiration Date	NA.		-
4	Identification of Sys	Chemic	al and Volume	Control				•
	(b) Applicable Edit	struction Code ion of Section XI Uti mponents Repaired o	lized for Repairs	or Replacement	s 19	ddenda,	N-1, N-7	_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)
	Valve	NA	NA	NA	2-CH-MOV-2115D	NA	Replaced	No
	Valve	Anchor/Darling	Stock # 06499205	NA	2-CH-MOV-2115D	NA	Replacement	No
	Pipe	Tioga Pipe Supply Co.,Inc.	Ht. # 1-27211	NA	2-CH-MOV-2115D	NA	Replacement	No
							\$,	
	•		•	·				
		Replace valve. C	ode Case N-416		Pressure &			
J.		Other Pressure_ tal sheets in form of	psi lists, sketches, o	Test Temp	be used, provided (1)	size is 8½	in. x 11 in., (2) i	nforma-

9.	Remarks
	Applicable Manufacturer's Data Reports to be attached
	<u></u>
Γ	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 4 L. Regard TST Enburiera Date June 21 , 19 96 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.
	naye inspected the components described
	in this Owner's Report during the period 5/0/9/ to 5/10/9/ , 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 Inspector's Signature National Board, State, Province, and Endorsements
	1 / 3 — 96
ŀ	Date

Attachment II Page 24 of 44

Serial No.: 96-310 Docket No.: 50-281

Virgin 1. Owner	ia Electric a		o.	7/9/96 Date		· · · · · · · · · · · · · · · · · · ·	
5000 Dominion	Blvd., Glen Allen			1 Sheet	1 of1		
Surry E	Address Power Station			Two			
	Name nd Rd., Surry, Va.			WO#00331022-01,			
	Address			Repair Org	snization P	.O. No., Job No.,	etc.
3. Work Performed by	Virginia Power	Name		Type Code Symbo	ol Stamp	NA	
:	Same as above	Name		Authorization No.	NΔ		
	Address	-		Expiration Date_	_		
I. Identification of Sy	/stemResidu	al Heat Remova	1				
5. (a) Applicable Con	B31	.1	55	NA		N-1, N-7	
i, (a) Applicable Con (b) Applicable Edit	struction Code tion of Section XI Util	19	bdition, or Replacement	s 19 89	Addenda,_		_Code Cas
12, 14, 14, 14		·	·				
6. Identification of Co	omponents Repaired o	r Replaced and R	leplacement Cor	mponents	· · · · · · · · · · · · · · · · · · ·		
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No,	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe	NA	NA AN	NA	6"-RH-120-152	NA	Replaced	No
Pipe	Dubose National Energy Serv, Inc	. HT # SW481	NA	6"-RH-120-152	NA	Replacement	No
Valve	Anchor/Darling	NA	NA	2-RH-108	NA	Replacement	No
Branch Connection	Tioga Pipe Supply Co.	Ht # 435678	NA	6"-RH-120-152	NA	Replacement	Мо
Elbow	Tioga Pipe Supply Co.	Ht # G0118	NA	6"-RH-120-152	NA	Replacement	No
. Description of Work	Replace piping a	nd install new	valve. Code	case N-416-1 app	lies.		-
. Tests Conducted:	Hydrostatic Pne Other Pressure	eumatic No	minal Operating Test Temp	Pressure P		•	
NOTE: Supplemention in items 1 three	atal sheets in form of ough 6 on this report	lists, sketches, o is included on e	r drawings may ach sheet, and	be used, provided (1 (3) each sheet is nu) size is 8½ mbered and	in. x 11 in., (2) id the number of s	nforma- sheets is

9.	Remarks _	PO # CNT-525150(elbow), CNT-526404(valve), CNT-525276(branch),
	,	Applicable Manufacturer's Data Reports to be attached
		CNT-524431(pipe). Valve accepted for use on PTE # SA101022.A00.
_		
		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 Cod	de, Section XI. repair or replacement
l		272
l	Type Code	Symbol StampNA
ı		· NTA
	Certificate	of Authorization No. NA Expiration Date NA
ĺ	6	
ı	Signed 3	Owner or Owner's Designee. Title
L		
		CERTIFICATE OF INSERVICE INSPECTION
l	I, the unde	ersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
	or Province	e of Virginia and employed by HSBI and I Co. of
		ndilioro, Cl.,
	in this Ow	have inspected the components described vner's Report during the period $\frac{5/10/94}{10/97}$, and state that
		t of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Re	eport in accordance with the requirements of the ASME Code, Section XI.
ĺ	By sign	ing 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
İ	shall be lia	ble in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
l	inspection.	
		10 San Ith Va. 883
		Commissions
		Inspector's Signature National Board, State, Province, and Endorsements
		$-1/q/\varphi$
	Date	
<u> </u>		

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

=								
1.	Virgin:	ia Electric a		Co.	6/4/96 Date			
	5000 Dominion	Name Blvd., Glen Aller			1 Sheet	1 of		
2.	Surry P	Address ower Station			Two			
	5570 Hog Islan	Name d Rd., Surry, Va.	23883		WO#00341041-01,	RR#96-05	1	
		Address			Repair Orga	anization P	.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power			Type Code Symbol	Stamp	NA	
			Name	-	Authorization No.			
	S	ame as above			Expiration Date	NA		
		Address	Injection					
4.	Identification of Sys	stem						
_	/	B31	1	55 Edition,	NA		N-1, N-7	
5.		struction Code ion of Section XI Uti	· ·		0.0	Addenda,_		_Code Case
	(b) Applicable Editi	ion of Section XI Uti	lized for Repairs	or Replacements	. 19			
6.	Identification of Co	mponents Repaired o	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)
	Studs	NA	NA	NA	2-SI-57	NA	Replaced	No
	Nuts	NA	NA	NA	2-SI-57	NA	Replaced	No
	Studs	Mackson, Inc.	Ht# 60992	NA	2-SI-57	NA	Replacement	No
	Nuts	Mackson, Inc.	Ht# 703280	NA.	2-SI-57	NA	Replacement	Мо
7.	Description of Work	Inspect bonnet f	asteners and r	retorque bonne	t.			
3.		•	eumatic No	minal Operating Test Temp				
	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 l each sheet, and (pe used, provided (1) 3) each sheet is nun) size is 8½ nbered and	in. x 11 in., (2) indicated 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

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-L. Joseph TST Engines Date June 4 , 19.86 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.
in this Owner's Report during the period 5/10/94 to 5/10/97, and state the
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 the
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed
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.
\mathcal{O}
Inspector's Signature Commissions Va. 883 National Board, State, Province, and Endorsements
Anspector's Signature ivational board, State, Frovince, and Endorsements
Date6/1/19.96

Attachment II Page 26 of 44 Serial No.: 96-310 Docket No.: 50-281

Virgin:	ia Electric a	and Power (Co.	6/18/96 Date			
5000 Dominion	Name Blvd., Glen Allen	ı, Va. 23060		1 Sheet	of1		
Surry P	Address ower Station Name		· ·	Two		· · · · · · · · · · · · · · · · · · ·	•
	Name ad Rd., Surry, Va.	23883		WO#00340998-01,	RR#96-0	55	
	Address		-	Repair Orga	nization F	P.O. No., Job No.,	etc.
3. Work Performed by	Virginia Power	Name		Type Code Symbol Authorization No.	NΆ	NA	
s	ame as above			Expiration Date			
	Address Chemic	al and Volume	Control			•	
4. Identification of Sys	stem						
5. (a) Applicable Cons	struction CodeB31	.119	Edition,_	NA A	\ddenda,_	N-1, N-7	_Code Case
	ion of Section XI Uti			1989			
	Bassined	Daminand amil F	· Naminananan A. Ohan			•	
6. Identification of Co	mponents Repaired o	r replaced and r	replacement Con	iponents			
	-						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)
rim Assembly (plug)	Copes-Vulcan	Part # 132742	NA	2-CH-HCV-2160	NA	Replaced	No
rim Assembly (plug)	Copes-Vulcan	Part # 132742	NA ·	2-CH-HCV-2160	NA	Replacement	No
		,					
	Orrowhoul walsto				l		
7. Description of Work	Overnaul varve.					,	
	Hydrostatic Pno		minal Operating Test Temp			4	
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	or drawings may beach sheet, and (pe used, provided (1) 3) each sheet is nur) size is 8% nbered an	in. × 11 in., (2) indicated the sumber of s	nforma- sheets is

PO # SSY-328795

Remarks	Applicable Manufacturer's Data Reports to be attached
	•
	CERTIFICATE OF COMPLIANCE
We certify that the statements m	nade in the report are correct and this replacement conforms to the rules of the
ASME Code, Section XI.	repair or replacement
Type Code Symbol StampN.	<u>A</u>
N	NA
Certificate of Authorization NoN	Expiration Date
Signed Owner or Owner's Designee, Title	SI ENGINEEL Date Trave 18 , 19 56
Commission of Co	
·	CERTIFICATE OF INSERVICE INSPECTION
or Province of	sion issued by the National Board of Boiler and Pressure Vessel Inspectors and the Standard and $\overset{\text{HSBI}}{\overset{}{}}$ and $\overset{}{\overset{}{}}$ co.
or Province of Hartford, Ct.	
in this Owner's Report during the period	
	the Owner has performed examinations and taken corrective measures described in the
Owner's Report in accordance with the req	
·	Inspector nor his employer makes any warranty, expressed or implied, concerning t
	scribed in this Owner's Report. Furthermore, neither the Inspector nor his employ
	onal injury or property damage or a loss of any kind arising from or connected with t
inspection.	
$\mathcal{N} \subset \mathcal{M}$	√a. 883
	Commissions
Inspector's Signature	National Board, State, Province, and Endorsements
1/2	91
Date	<u>/ </u>

Attachment II Page 27 of 44 Serial No.: 96-310 Docket No.: 50-281

=								
1.	Virgin:	ia Electric a		0.	7/17/96 Date	; 		
	5000 Dominion	Name Blvd., Glen Aller			1 Sheet	1 of		
2.	Surry F	Address Power Station			Two			
		Name nd Rd., Surry, Va	. 23883		WO#00336189-01,	RR#96-05	56	
		Address			Repair Orga	nization P	.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power			Type Code Symbol	Stamp	NA	
			Name		Authorization No.	NTN.		
		Same as above	_		Expiration Date			
		Main &	Steam					
	Identification of Sy	B3:		55	NA NA	·	N-1, N-7	
5.	• • •	struction Code			0.0	Addenda,_		_Code Case
	(b) Applicable Edit	ion of Section XI Ut	ilized for Repairs o	or Replacement	s 19			
6.	Identification of Co	mponents Repaired o	or Replaced and R	eplacement Cor	mponents			
		<u> </u>				Ť	<u> </u>	1
			1			}		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)
-	Studs	NA NA	NA	NA	2-MS-GOV-005	NA	Replaced	No
	Studs	A & G Engineering	Ht. # GYU	NA	2-MS-GOV-005	NA	Replacement	No
			·					,
	Description of Work	Replace studs.	l <u> </u>			 ,	L	<u> </u>
/,	Description of Work							
8.	Tests Conducted:	Hydrostatic Processure_	eumatic Nor	minal Operating Test Temp	Pressure°F			
•								•
	NOTE: Supplemen	tal sheets in form of ough 6 on this repor	lists, sketches, or	drawings may	be used, provided (1)) size is 8½ phered an	in. x 11 in., (2) i	nforma- sheets is
	recorded at the top		r is included on e	acii siieet, aiiu	io, egui sileet is fiuf	iibeieu dii	a the humber of	16013 13

PO # NS-26	7875		
	Applicable Manufactu	rer's Data Reports to be attached	
			_
	CERTIFICATE OF	- COMPLIANCE	
	statements made in the report are c	orrect and this <u>replacement</u> conforms to the rules or replacement	of the
ASME Code, Section XI.		,	
		•	
Type Code Symbol Stamp	NA		
.,,		•	
Certificate of Authorization N	loNA	Expiration DateNA	
Signed 4 - Lace Signed Owner's D	/ ISI Lugarelle Designee, Title	Date Just 18 , 19 9	76_
	CERTIFICATE OF IN	ISERVICE INSPECTION	
I, the undersigned, holding a voice of Virginia Hartford	and ampleyed by	onal Board of Boiler and Pressure Vessel Inspectors and th HSBI and I Co.	ne Sta
	., cc.	have inspected the components de	
in this Owner's Report during	- '	0/94 to 5//0/99 , and sta	
	·	ned examinations and taken corrective measures described	ı in t
·	with the requirements of the ASM	·	.: +
	·	oyer makes any warranty, expressed or implied, concern 's Report. Furthermore, neither the Inspector nor his en	-
		damage or a loss of any kind arising from or connected w	
inspection.	, ,	,	
	5 77	Va. 883	
Inspector's		issions	onto
· Inspector s	Jigilature	Wational Board, State, Frovince, and Endorseme	61112
- 7/2	2/186		•
Date	<u> </u>		

Attachment II Page 28 of 44 Serial No.: 96-310 Docket No.: 50-281

ر 1. Owner	/irgin:	ia Electric a		o.	6/12/96 Date			
. 5000 I	Dominion	Name Blvd., Glen Aller			Sheet	1		-
S 2. Plant	urry P	Address ower Station		···	Two	٠٠ <u></u>		
	log Islan	Name	23883		WO#00334280-01,	RR#96-05	58	
		Address			Repair Orga	nization F	.O. No., Job No.,	etc.
. Work Peri	Vork Performed by Virginia Power				Type Code Symbol	Stamp	NA	
		ame as above	Name		Authorization No.	NA.	<u> </u>	
		Address			Expiration Date			
Idantifica	tion of Sv	stemstem						
(b) Appli	cable Edit	struction Codeion of Section XI Uti	lized for Repairs	or Replacements	19	.ddenda,_	N-1, N-7	_Code Ca
Name Compo	_	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Stud	ls	NA	NA	NA.	2-SI-P-1A	NA	Replaced	No
Nuts		NA	NA	NA	2-SI-P-1A	NA	Replaced	No
Stud	ls	Mackson, Inc.	NA	NA	2-SI-P-1A	, NA	Replacement	No .
Nuts	ı	Mackson, Inc.	NA.	NA.	2-SI-P-1A	NA	Replacement	No
							,	
Descriptio	ducted:		eumatic No	minal Operating Test Temp		L		
tion in ite	upplement	Other Pressure_ tal sheets in form of ough 6 on this report of this form.	lists, sketches, o	r drawings may b	pe used, provided (1)	size is 8½ nbered and	in. x 11 in., (2) i d the number of s	nforma sheets is

). Remarks _	PO # BNT-467650)				
		Applicable M	anufacturer's Dat	ta Reports	to be attached	
•						
_						
		CERTIFIC	CATE OF COMPI	LIANCE	· - · · ·	
We ASME Code,		its made in the rep	ort are correct ar	nd this <u>r</u> repa	eplacement conforms ir or replacement	to the rules of the
Type Code Sy	/mbol Stamp	NA				
Signed W.	Authorization No	IST ENG	INEE/L	xpiration	Date NA	, 19
		CERTIFICAT	TE OF INSERVIO	CE INSPEC	CTION	
I, the undersi	gned, holding a valid com f	nmission issued byand employed	the National Boa	ard of Boile HSB	er and Pressure Vessel Insp I and I Co.	ectors and the State
	r's Report during the p		-1.010:	to	have inspected the cor	nponents described, and state that
				ninations a	and taken corrective measu	
Owner's Repo	ort in accordance with the	e requirements of t	the ASME Code,	Section XI	l .	
examinations	and corrective measure	s described in this	s Owner's Repor	t. Further	arranty, expressed or impore, neither the Inspector of any kind arising from or	or nor his employer
inspection.	10	mitt	ン _ Commissions _		Va. 883	
	Inspector's Signatu		0011111113310118_	National	Board, State, Province, ar	d Endorsements
Date	6/12/	1996				

Attachment II Page 29 of 44 Serial No.: 96-310 Docket No.: 50-281

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

=								
1.	Virgin	ia Electric a		Co.	6/18/9	6		
	5000 Dominion	Name Blvd., Glen Aller			1 Sheet	of 1		
2.	Surry I	Address Power Station Name	ı		Two			
		Name nd Rd., Surry, Va			WO#00341826-01,			
		Address			Repair Org	enization i	P.O. No., Job No.,	etc.
3.	Work Performed by	/Virginia Powe	Name		Type Code Symbo	ol Stamp_	NA	
		Same as above	Name		Authorization No.	NTA.	 	
		Address			Expiration Date_			
4.	Identification of Sy	/stemSafety	y Injection					
5.	(a) Applicable Con	B3:	1.119	55 Edition.	NA	Addenda.	N-1, N-7	_Code Case
٠.		tion of Section XI Ut				, , , , , , , , , , , , , , , , , , , ,		_0000 0000
6.	Identification of Co	omponents Repaired	or Replaced and F	Replacement Co	mponents	 		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)
	Valve	Velan	Stock # 06304640	NA	2-SI-85	NA	Replaced	No
	Valve	Velan	Stock # 06304640	NA	2-SI-85	NA	Replacement	No
 7.	Description of Work	Replace valve.	Code Case N-416	6-1 applies.				
8.	Tests Conducted:	Hydrostatic Processure_		ominal Operating Test Temp				
	NOTE: Supplemention in items 1 three recorded at the top	ntal sheets in form of ough 6 on this repor of this form.	lists, sketches, o	or drawings may each sheet, and	be used, provided (1 (3) each sheet is nu) size is 8½ mbered an	in. × 11 in., (2) id the number of	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

P(Remarks	O # CNT-39853	39				
		Applicable N	/lanufacturer's Da	ta Reports to be	attached	
			_			·····
					: 	
			CATE OF COMP	_ : -		
We co	ertify that the statem	ents made in the rep	port are correct a	nd this <u>replac</u> repair or re	ement conforms t	o the rules of the
ASIVIE Code, 3	ction XI.				•	
Type Code Sym	ıbol Stamp	NA				
Signed	authorization No.	NA ew IST se, Title		Expiration Date	NA Time 18	, 19_96
		CERTIFICA	TE OF INSERVI	CE INSPECTION	I	
I, the undersign or Province of_	Virginia	and employed	the National Bo	ard of Boiler and HSBI an	Pressure Vessel Insped I Co.	ctors and the Stat
in this Owner's	Hartford, Ct		5/10/94		inspected the com	ponents describe, and state tha
to the best of i	my knowledge and b	elief, the Owner ha	s performed exa	minations and ta	ken corrective measur	
•	t in accordance with	•	•		•	
examinations a shall be liable i	nd corrective measu	res described in thi	is Owner's Repo	rt. Furthermore,	y, expressed or impline neither the Inspecto kind arising from or o	r nor his employ
inspection.	asm	utt	Commissions _		a. 883	15.1
Date	Inspector's Signal	19		National Boar	d, State, Province, and	a chaorsements

Attachment II Page 30 of 44 Serial No.: 96-310 Docket No.: 50-281

1.	Owner		Virginia Electric and Power Co. Owner					
	5000 Dominion	Blvd., Glen Aller			1 Sheet	1		
•		Address ower Station	_		Two	J1		
2.	Plant	Name		-	Unit			
	5570 Hog Islan	d Rd., Surry, Va.	23883		WO#00341707-01,			
		Address			Repair Orga	nization F	.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		
			al Heat Remova	ıl				
4.	Identification of Sy	stem						
5.	(a) Applicable Cons	struction CodeB31	119	55 Edition,	NA A	ddenda,_	N-1, N-7	_Code Cas
	(b) Applicable Edit	ion of Section XI Uti	lized for Repairs	or Replacement	s 19			
6.	Identification of Co	mponents Repaired o	or Replaced and F	Replacement Co	mponents			
								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)
	Studs	Mackson, Inc.	NA	NA	2-RH-E-1A	NA.	Replacement	No
	Nuts	Mackson, Inc.	NA	NA .	2-RH-E-1A	NA.	Replacement	No
							-	
			_		•	!	! ·	k
7.	Description of Work	Replace studs ar	a nuts on 2-Ri	I-E-1A.				<u> </u>
3.		•	eumatic No	minal Operating Test Temp.				
	NOTE: Supplementation in items 1 thro	tal sheets in form of ough 6 on this report	lists, sketches, o	r drawings may each 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

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 of 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 National Board, State, Province, and Endorsements	Remarks	PO
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 NA Expiration Date NA Expiration Date NA Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION It, 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 have inspecting the components described in this Owner's Report during the period Nowner's Report during the period Nowner'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 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 National Board, State, Province, and Endorsements		Applicable Manufacturer's Data Reports to be attached
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ASME Code, Section XI. Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed Comparis Designee, Title CERTIFICATE OF INSERVICE INSPECTION It, 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. 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 National Board, State, Province, and Endorsements	141	
Certificate of Authorization No. NA Expiration Date NA Signed Authorization No. NA Expiration Date NA 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 Hartford, Ct. have inspected the components 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 National Board, State, Province, and Endorsements		consist of conference and the following the following the following to the following t
Certificate of Authorization No. NA Expiration 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 Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period / O/1/1/2 to / O/1/4/2 b, 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	ADME COUC,	, , , , , , , , , , , , , , , , , , ,
Certificate of Authorization No. NA Expiration 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 Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period / O/1/1/2 to / O/1/4/2 b, 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		
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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 / O/14/93 to / O/14/93		N7
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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 of 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	Signed Owi	ner or Owner's Designee, Title Date Tusk 2 , 19 96
Province of Virginia and employed by HSBI and I Co. have inspected the components described in this Owner's Report during the period 70/4/3 to 70/4/9 have inspected the components 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 Va. 883 National Board, State, Province, and Endorsements		CERTIFICATE OF INSERVICE INSPECTION
have inspected the components described in this Owner's Report during the period	•	Wirginia and employed by HSBI and I Co.
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	in this Owner	have inspected the components described
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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	Owner's Repo	ort in accordance with the requirements of the ASME Code, Section XI.
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	By signing	this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
Inspection. Commissions Va. 883 National Board, State, Province, and Endorsements	examinations	and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
Inspector's Signature Commissions National Board, State, Province, and Endorsements		e in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
Inspector's Signature Commissions National Board, State, Province, and Endorsements	inspection.	
Inspector's Signature National Board, State, Province, and Endorsements		Commissions Va. 883
$6/3/_{19}96$		Inspector's Signature National Board, State, Province, and Endorsements
Date6/3/_19/6		
	Date	<u>6/3/1976</u>

Attachment II Page 31 of 44 Serial No.: 96-310 Docket No.: 50-281

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	ia Electric a			6/2/96 Date1			
	Surry P Plant 5570 Hog Islan	Address Ower Station	23883		Type Code Symbo	RR#96-07 ganization P	.O. No., Job No.,	
	٤	Same as above			Authorization No.			
		Address			Expiration Date_			
,	Identification of Sy	Residu	ıal Heat Remova	al				
	(a) Applicable Cons	struction Code ion of Section XI Uti				Addenda,_	N-1, N-7	_Code Case
6.	Identification of Co	mponents Repaired o	or Replaced and F	Replacement Co	mponents			
	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	2-RH-E-1B	NA	Replacement	No
	Nuts	Mackson, Inc.	NA	NA	2-RH-E-1B	NA	Replacement	No
7.	Description of Work	Replace studs ar	nd nuts on 2-RF	H-B-1B.			•	
В.		Hydrostatic Pn Other Pressure_	eumatic No					
	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 is included on e	r drawings may each sheet, and	be used, provided (1 (3) each sheet is nu) size is 8½ mbered and	in. x 11 in., (2) indicated 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

Remarks	# BNT-467650 & BNT-4670 	64 (studs & nut	ES).
	Applicable Ma	nufacturer's Data Report	ts to be attached
-			
	.		<u> </u>
	CERTIFIC	ATE OF COMPLIANCE	
We certif ASME Code, Section			replacement conforms to the rules of the pair or replacement
		•	•
Type Code Symbol	StampNA		
Certificate of Author	orization No. NA	Expiration	n DateNA
Signed Jane Owner or	Owner's Designee, Title	ENGUESC Date	Trent 2 , 19 26
	CERTIFICATI	E OF INSERVICE INSPI	ECTION
or Province of Vi	irginia and employed b	he National Board of Bo HSI	iler and Pressure Vessel Inspectors and the State
	artford, Ct.	5/10/94 to	have inspected the components described
to the best of my I	knowledge and belief, the Owner has	performed examinations	and taken corrective measures described in this
	accordance with the requirements of th	-	
	•	• • •	warranty, expressed or implied, concerning the
			ermore, neither the Inspector nor his employe of any kind arising from or connected with thi
inspection.	ry mainter for any personal injury or p	Toperty damage of a loss	or any kind arising from or confidence with an
•	10 5-77		Va. 883
	Inspector's Signature	. Commissions	al Board, State, Province, and Endorsements
•	6 PAS 6/3/96	.44001	a. Dona, ototo, i rovinos, una anadidonionis
Date	\$\\3 1996		
			

Attachment II Page 32 of 44 Serial No.: 96-310

Docket No.: 50-281

=								
1.	Virgin:	ia Electric a		'o .	7/17/96 Date			
	5000 Dominion	Name Blvd., Glen Aller			1 Sheet	nf		
2.	Surry F	Address Ower Station			Two	<u></u>		
	•	Name nd Rd., Surry, Va.	23883		WO#00341742-01,	RR#96-07	74	
		Address	V======		Repair Orga	nization F	O.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						
		B31	1	55	NA		N-1, N-7	
5.		struction Code		Edition,		\ddenda,_		_Code Cas
	(b) Applicable Edit	ion of Section XI Uti	lized for Repairs	or Replacement	s 19			
_								
6.	Identification of Co	mponents Repaired o	or Replaced and H	repracement Cor	mponents			
Г						T	T	
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	Valve	NA	NA	NA	2-MS-176	NA	Replaced	No
	Valve	Anchor/Darling	ET338-1-3	NA	2-MS-176	NA	Replacement	No
	Pipe	Energy & Process Corp.	Ht # NO5750	NA	2-MS-176	AN	Replacement	No
 7.	Description of Work	Replace valve. C	ode Case N-416	-1 applies.		I		
8.	Tests Conducted:	· <u> </u>	_	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, o is included on e	r drawings may ach sheet, and	be used, provided (1) (3) each sheet is nun	size is 8½ nbered and	in. x 11 in., (2) id the number of	nforma- sheets is

PO # Remarks	CNT-393037 (Valve), CN	r-498645 (Pipe)	
	Applicable Manu	facturer's Data Reports to be attached	,
			
	1		
- - ·	CERTIFICAT	TE OF COMPLIANCE	
We certify ASME Code, Section	y that the statements made in the report on XI.	are correct and this replacement crepair or replacement	onforms to the rules of the
Type Code Symbol	StampNA		·
Certificate of Author	prization NoNA	Expiration Date NA	
Signed Owner or	Owner's Designee, Title	ween Date July 17	, 19 <i>_96</i>
	CERTIFICATE	OF INSERVICE INSPECTION	
I, the undersigned, I	holding a valid commission issued by the	National Board of Boiler and Pressure Ve HSBI and I Co.	essel Inspectors and the State
Ha	rginiaand employed by.rtford, Ct.		the components described
in this Owner's Re	port during the period	5/10/94 to 5/10/97	, and state that
to the best of my k	nowledge and belief, the Owner has pe	rformed examinations and taken correcti	ve measures described in this
Owner's Report in a	accordance with the requirements of the	ASME Code, Section XI.	
	•	employer makes any warranty, expressed	, ,
		wner's Report. Furthermore, neither the perty damage or a loss of any kind arising	•
inspection.	,	persy defined on a loss of any time actions	TOTAL OF GOTHING CO.
	105 17	77- 002	
———	penector's Signature	ommissions	wines and Endorsements
•	Tispector's digitatore	Wational Board, State, Fre	ville, and Endorsoments
Date	nspector's Signature		
	- ,		

Attachment II Page 33 of 44 Serial No.: 96-310 Docket No.: 50-281

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1.	Virgin:	ia Electric a	ind Power (7/17/96	5		
	5000 Dominion	Name Blvd., Glen Allen	, Va. 23060		Sheet	1		
2	Surry P	Address Ower Station			Two			
		Name nd Rd., Surry, Va.	23883	<u>-</u>	WO#00341741-01,			
		Address			Repair Orga	nization F	.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power	Name		Type Code Symbol	Stamp	NA	
			1491110		Authorization No.			
		Same as above 			Expiration Date	NA.		
A	Identification of Sy		team					
	(a) Applicable Cons					\ddenda,_	N-1, N-7	_Code Cas
6.	Identification of Co	mponents Repaired o	r Replaced and F	leplacement Cor	mponents	<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)
	Valve	NA	NA	NA	2-MS-178	NA	Replaced	No
	Valve	Anchor/Darling	ET338-1-3	. NA	2-MS-178	NA	Replacement	No
	Pipe	Energy & Process Corp.	Ht # NO5750	NA	2-MS-178	NA	Replacement	No
	Elbow	Tioga Pipe Supply Co.	Traceabilit V2930	y# NA	2-MS-178	NA	Replacement	No
		Hydrostatic Pne Other Pressure	eumatic No psi	minal Operating Test Temp	<i>NOT</i> °F			
	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 is included on e	r drawings may ach sheet, and	be used, provided (1) (3) each sheet is nur	size is 8½ nbered an	in. x 11 in., (2) id the number of s	ntorma- sheets is

PO # CNT-393037 (valve), CNT-498645 (Pipe), CNT-496634 (elbow)	
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 Date Test Island Date Tues 17 , 19 96	<u> </u>
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 Hartford, Ct. and employed by	State of
in this Owner's Report during the period 5/10/94 to 5/10/97 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	ıg the
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his emp	loyer
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with	n this
inspection,	
Commissions Va. 883	
Inspector's Signature Commissions National Board, State, Province, and Endorsemen	its
Inspector's Signature National Board, State, Province, and Endorsemen	

Attachment II Page 34 of 44 Serial No.: 96-310 Docket No.: 50-281

==					 			
1.	Virgin:	ia Electric a	and Power C	<u>-</u>	7/17/96 Date	;		
	5000 Dominion	Name Blvd., Glen Aller	ı, Va. 23060		Sheet	1		
2	Surry P	Address ower Station		-	Two	DI		
٠.		Name					,	_
	5570 Hog Islan	d Rd., Surry, Va.	23883		WO#00341872-01,	RR#96-07	76	
		Address					.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power	Name		Type Code Symbol	Stamp	NA	
		ame as above	1401110		Authorization No.	NTA.		
		Address			Expiration Date			
		Made 0	team					
4.	Identification of Sys	stem						
E	(a) Applicable Cons	B31	1	55 Edition	NA A	ddanda	N-1, N-7	Code Case
٥.		ion of Section XI Uti			0.0			_Code Case
	(b) Applicable Colt	on or section XI on	ilized for Hepairs	or replacement	s 19			
6.	Identification of Co	mponents Repaired o	r Replaced and R	leplacement Cor	mponents			
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	Valve	NA	NA	NA	2-MS-182	NA	Replaced	No
	Valve	Anchor/Darling	EB820-1-6	NA	2-MS-182	NA	Replacement	No
	Pipe	Energy & Process Corp.	Ht # NO5750	NA	2-MS-182	NA	Replacement	No
	Elbow	Hub, Inc.	Ht # J92014	NA	2-MS-182	NA NA	Replacement	No
7.	Description of Work	Replace valve. C	ode Case N-416	-1 applies.	·			
8.		•	eumatic No	minal Operating Test Temp				
	NOTE: Supplement tion in items 1 thro recorded at the top	al sheets in form of ugh 6 on this report of this form.	lists, sketches, or is included on e	r drawings may l ach sheet, and (be used, provided (1) (3) each sheet is nun	size is 8½ nbered and	in. x 11 in., (2) id the number of s	nforma- ;heets is

PO # SNT-342351 & PIE # SU-90-00446, Rev.1 (valve), Remarks
Applicable Manufacturer's Data Reports to be attached
SSY-427389 (elbow), CNT-498645 (pipe)

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
Signed L. L. Local ISI English Date True 17 , 19 96 Owner or Oxpler'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 Stat
or Province of Virginia and employed by HSBI and I Co. o
haye inspected the components describe
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 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 employed
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.
Va. 883
Inspector's Signature Commissions National Board, State, Province, and Endorsements
Date

Attachment II Page 35 of 44 Serial No.: 96-310 Docket No.: 50-281

_								
1.	Virgin Owner	ia Electric a		lo.	7/31/96 Date			
	5000 Dominion	Name Blvd., Glen Alle			1 Sheet	1 of1		
2.	Surry E	Address Power Station Name	1		Two			
		Name nd Rd., Surry, Va		-	WO#00332778-01,			
		Address			Repair Orga	nization f	P.O. No., Job No.,	etc.
3	Work Performed by	Virginia Powe:	r		Type Code Symbol		NA	
٠.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Name		Authorization No.			
		Same as above			Expiration Date	NA		
		Address	cal and Volume	Control				
4.	Identification of Sy	stem			·			
	(b) Applicable Edit	struction Code ion of Section XI Ut	ilized for Repairs	or Replacement	s 19	.ddenda,_	N-1, N-7	_Code Case
6.	Identification of Co	omponents Repaired	or Replaced and F	replacement Cor	mponents			
	Name of Component	Name of Manufacturer	Manufacturer Serial No,	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	Relief Valve	Crosby	NA	NA	2-CH-RV-2209	NA	Replaced	No
	Relief Valve	Crosby	Serial # N69963-01- 0011	, NA	2-CH-RV-2209	NA	Replacement	No
7.	Description of Work	Replace relief						
8.	Tests Conducted:	Hydrostatic Pr Other Pressure		minal Operating Test Temp,		•	Ŀ	
	NOTE: Supplemention in items 1 throrecorded at the top	ough 6 on this repor	f lists, sketches, o t is included on e	r drawings may ach sheet, and	be used, provided (1) (3) each sheet is num	size is 8% nbered an	in. x 11 in., (2) i d the number of	nforma- sheets is

PO # SN1-346107	
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 C. L. Lorent TST Lorent Date Date July 31 , 19 96 Owner or Owner's Designee, Title	
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the or Province of Virginia and employed by HSBI and I Co.	State
Hartford, Ct. have inspected the components described to 5/0/74 t	ribed tha
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	ng th
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his empshall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with inspection.	
inspection. Commissions Va. 883	
Inspector's Signature Commissions National Board, State, Province, and Endorsemen	its
Date	

Attachment II Page 36 of 44 Serial No.: 96-310 Docket No.: 50-281

Virgin	ia Electric			6/18/9	6		
	Name	_		-			
5000 Dominion	Blvd., Glen Alle	n, Va. 23060		Sheet	of 1		
	Address			Sileet	. 01		
	Power Station	1		Two			
2. Plant	Name			Unit			<u> </u>
5570 Hog Islar	nd Rd., Surry, Va	. 23883		WO#00333229-01,	RR#96-0	78	
	Address			Beneir Ore	enizetion i	P.O. No., Job No.,	
				riopan Oig	Julii 201,011 1	.0. 140., 500 140.,	ole.
3. Work Performed by	Virginia Powe	r		Type Code Symbo	I Stamp	NA	
		Name		Authorization No.			
	Same as above			Expiration Date_	NA		
	Address						
4. Identification of Sy	stemConta	inment Spray					
					-		
5. (a) Applicable Con	struction Code	1.1	55 Edition	NA	Δddenda	N-1, N-7	_Code Cas
	ion of Section XI Ut				Addenda,_		_0000 000
(b) Applicable Edit	ion of Section At Ot	ilized for Repairs	or Mebiacement	is 19			
Identification of Co	mponents Repaired	or Replaced and F	Replacement Co	mponents			
	1	,		,			
					l		ļ
							ASME
					1 .		Code
			National			Repaired,	Stamped
Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	(Yes or No)
Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	OI NO,
Bonnet Assembly	ITT Grinnell	NA	NA.	2-CS-27	NA	Replaced	No
		1 "			+	 -	1
Bonnet Assembly	ITT Grinnell	Stock # 20800970	NA	2-CS-27	NA	Replacement	No
	· · · · · · · · · · · · · · · · · · ·						
					İ		1
					 		
					1		1
	ļ	L		<u> </u>	ــــــــــــــــــــــــــــــــــــــ	<u> </u>	<u>.</u>
	Poplago valvo b	onnet					
. Description of Work	Replace valve b					·	
3. Tests Conducted:	•		minal Operating				
	Other Pressure_	NOP psi	Test Temp	NOT °F			
	_						
NOTE: Supplemen	tal sheets in form o	f lists, sketches, o	r drawings may	be used, provided (1) size is 8½	in, x 11 in., (2) i	nforma-
tion in items 1 thre	ough 6 on this repor	t is included on a	each sheet, and	(3) each sheet is nu	mbered an	d the number of	sheets is
recorded at the top							

. Remarks	PO # SSY-231244
	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
Type Code	Symbol StampNA
Signed	of Authorization No. NA Expiration Date NA NA Expiration Date NA Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
I, the under	ersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Virginia HSBI and I Co.
in this Ow	Hartford, Ct. have inspected the components described vner's Report during the period 5/10/94 to 5/10/97, and state that
to the best	t of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Re	eport in accordance with the requirements of the ASME Code, Section XI.
By signi	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 employe able in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
	Inspector's Signature Commissions Va. 883 National Board, State, Province, and Endorsements
Date	6/26/ 1996

Attachment II Page 37 of 44 Serial No.: 96-310 Docket No.: 50-281

	Virgin Owner	ia Electric a	and Power C	o.	6/18/96 Date			
•		Name Blvd., Glen Aller			1	1		
		Address			Sheetc	of		
	Surry I	Power Station			Two		·	
		Name nd Rd., Surry, Va			WO#00341271-01,			
	· · · · · · · · · · · · · · · · · · ·	Address			Repair Orga	nization F	.O. No., Job No.,	etc.
	Work Performed by	Virginia Power	e		Type Code Symbol	Stamp	NA	
			Name		Authorization No.	NA -		
		Same as above			Expiration Date	NA		
		Address	•					
	Identification of Sy	/stem	n Priming	:				
	(b) Applicable Edi	estruction Codestruction Codestruction Codestruction XI Ut	ilized for Repairs	or Replacements	19	.ddenda		_Code C
	· · · · · · · · · · · · · · · · · · ·							ASME
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Code Stampe (Yes or No)
			1	Board	1	•	Replaced,	Stampe (Yes
	Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replaced, or Replacement	Stampe (Yes or No
	Component	Manufacturer NA Raimondi	Serial No. NA Fig. 3026	Board No.	Identification	Built	Replaced, or Replacement	Stampe (Yes or No
	Component	Manufacturer NA Raimondi	Serial No. NA Fig. 3026	Board No.	Identification	Built	Replaced, or Replacement	Stampe (Yes or No
	Component	Manufacturer NA Raimondi Valvole	Serial No. NA Fig. 3026	Board No.	Identification	Built	Replaced, or Replacement	Stampe (Yes or No

Hartford Ct		Applicable Ma	nufacturer's Data Reports	to be attached
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. NA Expiration Date NA Expiration Date NA CERTIFICATE OF INSERVICE INSPECTION In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star Province of Virginia and employed by The inthis 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 other of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning to the property damage or a loss of any kind arising from or connected with the respection. NA Commissions Va. 883 National Board, State, Province, and Endorsements				
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repair or replacement NA Sertificate of Authorization No. NA Expiration Date NA Sertificate of Authorization No. NA Expiration Date NA Sertificate of Authorization No. NA Expiration Date NA CERTIFICATE OF INSERVICE INSPECTION In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star Province of Virginia Hartford, Ct. In this Owner's Report during the period Other 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 the Xaminations and corrective measures described in this Owner's Report. Furthermore, 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 employed by the National Board, State, Province, and Endorsements National Board, State, Province, and Endorsements National Board, State, Province, and Endorsements	We certify			eplacement conforms to the rules of the
CERTIFICATE OF INSERVICE INSPECTION the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Star Province of Virginia and employed by HSBI and I Co. have inspected the components describe the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Description of the Star Province of Wirginia and the Pressure Vessel Inspectors and the Star Province of Virginia and employed by HSBI and I Co. have inspected the components describe 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 to examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ hall 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. Va. 883 Inspector's Signature Commissions Va. 883 National Board, State, Province, and Endorsements				
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the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Start Province of Virginia and employed by HSBI and I Co. Hartford, Ct. have inspected the components describe 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 the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employentall 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. Va. 883 Inspector's Signature Commissions National Board, State, Province, and Endorsements		· .		
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have inspected the components described in this Owner's Report during the period 5/0/94 to 5/0/97, and state the other 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 the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed hall 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. Va. 883 Inspector's Signature Commissions Va. 883 National Board, State, Province, and Endorsements	I, the undersigned, h	olding a valid commission issued by t	he National Board of Boil	er and Pressure Vessel Inspectors and the Sta
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By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning to examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ hall 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. Va. 883 Inspector's Signature Commissions Va. 883 National Board, State, Province, and Endorsements	•	= '	•	
xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ hall 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. Va. 883 Inspector's Signature Commissions National Board, State, Province, and Endorsements	·	·	•	
hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the appection. Va. 883 Inspector's Signature Commissions National Board, State, Province, and Endorsements	By signing this ce	rtificate neither the Inspector nor h	is employer makes any w	arranty, expressed or implied, concerning t
Inspector's Signature Commissions National Board, State, Province, and Endorsements			•	
Inspector's Signature Commissions National Board, State, Province, and Endorsements		manner for any personal injury or p	roperty damage or a loss of	of any kind arising from or connected with the
Inspector's Signature Commissions National Board, State, Province, and Endorsements	inspection.	M- 34		
Inspector's Signature National Board, State, Province, and Endorsements	/	16 Smith		Va. 883
7/23/1096	ln	spector's Signature		Board, State, Province, and Endorsements
7/23/1096		, ,		
		7/77/ 91		

Attachment II Page 38 of 44 Serial No.: 96-310 Docket No.: 50-281

=										
1.	Virgin:	ia Electric a	and Power C		6/12/96 Date					
	5000 Dominion	Name Blvd., Glen Aller		-	1	1	- 14	_		
				 	Sheetc	_				
	Surry P	Address ower Station			Two					
2.	Plant	Name			Unit					
	5570 Hog Islan	d Rd., Surry, Va.	23883		WO#00331695-01,	RR#96-08	0			
		Address			Repair Orga	nization P	.O. No., Job No.,	etc.		
3.	Work Performed by	Virginia Power	:		Type Code Symbol	Stamp	NA			
٠.	,		Name		Authorization No	NA				
		same as above	·		Expiration Date					
		Address								
4.	Identification of Sy	stemReacto	or Coolant							
				55	NA		N-1, N-7			
5.	(a) Applicable Cons					ddenda,_		_Code Case		
	(b) Applicable Edit	ion of Section XI Uti	lized for Repairs	or Replacement	s 19					
_										
6.	Identification of Co	mponents Repaired (or Replaced and r	Replacement Cor	nponents					
Г										
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
	Studs	NA	NA	NA	2-RC-SV-2551A	NA	Replaced	No		
	Nuts	NA	NA	NA	2-RC-SV-2551A	NA	Replaced	No		
	Studs	Mackson, Inc.	NA	NA	2-RC-SV-2551A	NA	Replacement	No		
	Nuts	Mackson, Inc.	NA	NA	2-RC-SV-2551A	NA	Replacement	No		
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	tal sheets in form of ough 6 on this report of this form.	lists, sketches, c t is included on e	or drawings may each sheet, and (be used, provided (1) (3) each sheet is num	size is 8½ nbered and	in. x 11 in., (2) id the number of	nforma- sheets is		

9. Remarks _	PO # BNT-467650 (nuts), BNT-467064 (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 the repair or replacement
Tuna Cada	NA NA
Type Code	e Symbol Stamp
Certificate	of Authorization No. NA Expiration Date NA
Signed	Owner or Owner's Designee, Title January 12 1996
	CERTIFICATE OF INSERVICE INSPECTION
•	ersigned, 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.
or Provinc	e of Vilginiaand employed byof Hartford, Cthave inspected the components described
in this Ov	wher's Report during the period $\frac{5/10/94}{100}$, and state that
	t of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	eport 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 constant of the context
	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	6/14/ 1996

Attachment II Page 39 of 44 Serial No.: 96-310 Docket No.: 50-281

_										
1.	Owner	Name		Co.	6/12/96 Date					
	5000 Dominion	Blvd., Glen Aller	ı, Va. 23060		1 Sheet	of 1				
2	Surry I	Surry Power Station Plant						·		
۷.	rigiil	Name			Unit					
	5570 Hog Isla	nd Rd., Surry, Va.	23883		WO#00331696-01,	RR#96-08	1			
		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	/stemReacto	or Coolant							
	(b) Applicable Edit	struction Codetion of Section XI Ut	lized for Repairs	or Replacement	s 19	ddenda,	N-1, N-7	_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	NA	NA	ÑΑ	2-RC-SV-2551B	NA	Replaced	No		
	Nuts	NA	NA	NA	2-RC-SV-2551B	NA	Replaced	No		
	Studs	Mackson, Inc.	NA	NA	2-RC-SV-2551B	NA	Replacement	No		
	Nuts	Mackson, Inc.	NA	NA	2-RC-SV-2551B	NA	Replacement	No		
	Tests Conducted: NOTE: Supplement	Other Pressure natal sheets in form of ough 6 on this report	eumatic No	Test Temp	F be used, provided (1)	size is 8½ nbered and	in. x 11 in., (2) id the number of	nforma- sheets is		

Remarks	PO # BNT-467650 (nuts), BNT-467064 (studs)
	Applicable Manufacturer's Data Reports to be attached
_	
	CERTIFICATE OF COMPLIANCE
	e certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the repair or replacement.
- 10	,
Type Code 9	Symbol StampNA
Type Code (yrition Statip
Certificate o	of Authorization No. NA Expiration Date NA
Signed	Wher or Owber's Designee, Title Date June 12 , 19 96
	CERTIFICATE OF INSERVICE INSPECTION
I, the under	signed, 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. of
	have inspected the components described
	er's Report during the period 5/10/94 to 5/10/97, and state that of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	port in accordance with the requirements of the ASME Code, Section XI.
By signir	ng this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
	s and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
shall be liab inspection.	le in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
mspection.	May 41
	Commissions Va. 883
	Inspector's Signature National Board, State, Province, and Endorsements
Date	6/14/ ₁₉ 96_

Attachment II Page 40 of 44 Serial No.: 96-310 Docket No.: 50-281

2.	Virginia Electric and Power Co. Name 5000 Dominion Blvd., Glen Allen, Va. 23060 Address Surry Power Station Plant Name 5570 Hog Island Rd., Surry, Va. 23883 Address Work Performed by Virginia Power Name Same as above				6/12/96 Date1 SheetTWO UnitWO#00331697-01, Repair Org. Type Code Symbo Authorization No. Expiration Date	OfRR#96-08 BRIZETION F		
5.	(b) Applicable Edi	/stem	ilized for Repairs	or Replacement	NA		N-1, N-7	_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	NA	NA	NA	2-RC-SV-2551C	NA	Replaced	No
	Nuts	NA	NA	NA	2-RC-SV-2551C	NA	Replaced	No
	Studs	Mackson, Inc.	NA	NA	2-RC-SV-2551C	NA	Replacement	No
	Nuts	Mackson, Inc.	NA	NA	2-RC-SV-2551C	NA	Replacement	No
	Tests Conducted: NOTE: Supplemen	Other Pressure_ Ital sheets in form of ough 6 on this report	eumatic No	r drawings may	F be used, provided (1)			

PO # BNT-467650 (nuts), BNT-467064 (studs) 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 Wasself & Lossen TSI Strangell Date Tout 12 19 96 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of
Hartford, Ct. have inspected the components described in this Owner's Report during the period $\frac{5/0/94}{\text{to}}$ to $\frac{5/0/97}{\text{to}}$, 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.
inspection.
CommissionsVa. 883
Inspector's Signature National Board, State, Province, and Endorsements
Date6/14/1996

Attachment II Page 41 of 44 Serial No.: 96-310 Docket No.: 50-281

=					· · · · · · · · · · · · · · · · · · ·			
1.	Virgin Owner	ia Electric a		Co.	7/16/9 Date	6		
Name 5000 Dominion Blvd., Glen Allen, Va. 23060 1 1 1 Address Sheet of								
2.	Surry E	Address Power Station		_	Two		_	
		Name nd Rd., Surry, Va			WO#00339448-01	, RR#96-08	37	
		Address			Repair Or	ganization F	P.O. No., Job No.,	etc.
3.	Work Performed by	Virginia Power	r		Type Code Symbo	ol Stamp	NA	
			Name		Authorization No			
		Same as above Address			Expiration Date_			
4.	Identification of Sy	stemSteam	Generator Nitz	rogen				
			1 1		NA		N-1, N-7	0-1-0
5.		struction Code ion of Section XI Uti			0.0	Addenda,_		_Code Case
	(b) Applicable Lait	ion or occiton At other	meda ioi itapanis	Of Tropiacomorn				
6.	Identification of Co	omponents Repaired o	or Replaced and F	Replacement Co	mponents			
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	. National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	Component		Contained.	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, acres acre		·	
	Pipe	NA	NA	NA	2-GN-1	NA	Replacement	No
	Pipe	NA ·	NA	NA	2-GN-2	AN	Replacement	No
	Pipe	NA	AN	NA	2-GN-3	NA	Replacement	No
7.	Description of Work	Cut and reweld p	piping downstre	eam of ASME C	ass boundary val	Lves. Code	Case N-416-1	applies.
В.	Tests Conducted:	Hydrostatic Pn Other Pressure		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 t is included on e	or drawings may each sheet, and	be used, provided (' (3) each sheet is nu	1) size is 8½ imbered an	in. x 11 in., (2) i d the number of	nforma- sheets is

None . 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 repair or replacement.	of the
Type Code Symbol StampNA	
Certificate of Authorization No. NA Expiration Date NA Signed J. J. J. J. J. J. J. J. J. J. J. J. J.	96
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Province of Virginia HSBI and I Co.	
or Province of Virginia and employed by HSBI and I Co. Hartford, Ct. have inspected the components of	0
in this Owner's Report during the period 5/10/94 to 5/10/97 , and si	
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures describe	a d in th i
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, concer examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his eshall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected to the connected of the conn	employe
inspection,	
Commissions Va. 883 Inspector's Signature National Board, State, Province, and Endorser	
Date7/23/_1926	-

Attachment II Page 42 of 44 Serial No.: 96-310 Docket No.: 50-281

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

2.	Owner 5000 Dominion Surry P Plant 5570 Hog Islam Work Performed by	Address Ower Station Name ad Rd., Surry, Va. Address Virginia Power Same as above Address Recirc	n, Va. 23060 . 23883 . Name		Type Code Symbol Authorization No Expiration Date	1 RR#96-08 RIZATION F	99 P.O. No., Job No., NA	
	(b) Applicable Editi	struction Codestruction Codestruction Codestruction XI Uti	ilized for Repairs	or Replacements	s 19	ddenda,_	N-1, N-7	_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	NA	NA	NA	2-RS-MOV-255A	NA	Replaced	No
	Studs	Mackson, Inc.	NA	NA	2-RS-MOV-255A	, NA	Replacement	No
	ı	Replace 5 studs. Hydrostatic Pn Other Pressure tal sheets in form of	eumatic No		°F	ciza ic QV	in v 11 in (2) in	nforma-

(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 ASME Code	certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of t Section XI.
Type Code S	mbol StampNA
Certificate o	Authorization No. NA Expiration Date NA
Signed 6v	6- Koseva IST Engrulla Date Just 12 , 1996 ner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
I, the unders	ned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S Virginia Hartford, Ct.
	Hartford, Ct. have inspected the components descrease representation of the components described by the components described representation of the compone
	my knowledge and belief, the Owner has performed examinations and taken corrective measures described in
Owner's Rep	rt in accordance with the requirements of the ASME Code, Section XI.
	this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning
	and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his empline any manner for any personal injury or property damage or a loss of any kind arising from or connected with
inspection.	The dry mainer for any posterior many or property equitage of a loss of any kind disting from or commented with
·	Va. 883
	Commissions Va. 883 Inspector's Signature National Board, State, Province, and Endorsement
	((
Date	6/12/ 1996
	1.

Attachment II
Page 43 of 44
Serial No.: 96-310
Docket No.: 50-281

Virgini	a Electric a	ınd Power C	lo.	7/17/96 Date			
5000 Dominion	Name Blvd., Glen Allen	ı, Va. 23060		1 Sheetc	1 of		
Surry P	Address ower Station			Two			
	Name d Rd., Surry, Va.	23883		WO#00331267-02,			
	Address			Repair Orga	nization F	.O. No., Job No.,	etc.
3. Work Performed by	Virginia Power	•		Type Code Symbol		NA	
		Name		Authorization No			
s	ame as above			Expiration Date	NA		
	Address Reacto	or Coolant					
4. Identification of Sys	item						
	on of Section XI Uti	19 lized for Repairs	or Replacements	s 19 <u></u> 89	ddenda,_	N-1, N-7	_Code Case
6. Identification of Cor	mponents Repaired o	or Replaced and F	Replacement 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)
Primary Manway Studs(2 ea.)	Westinghouse	Drawing # 1873E97, Re	v.1 NA	2-RC-E-1A	NA	Replaced	No
Primary Janway Studs (2 ea.)	Westinghouse	Drawing # 1873E97, Re	v.1 NA	2-RC-E-1A	NA	Replacement	No
	Hydrostatic Pn	eumatic 🔲 No	minal Operating Test Temp				
NOTE: Supplement tion in items 1 thro recorded at the top of	ugh 6 on this report	lists, sketches, o	r drawings may ! each sheet, and (pe used, provided (1) 3) each sheet is num	size is 8½ abered an	i in. \times 11 in., (2) id the number of i	nforma- sheets is

. Remarks _	PO # ET-41822
	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 repair or replacement.
Type Code	e Symbol StampNA
Signed	e of Authorization No. NA Expiration Date NA Only Local TST Lugardia Date Tech 17 , 19 96 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
in this Ow	lersigned, 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. of Hartford, Ct. have inspected the components described where see the period formula of the period
	st of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Report in accordance with the requirements of the ASME Code, Section XI.
By sign	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
	Va. 883 Inspector's Signature Commissions National Board, State, Province, and Endorsements
Date	7/24 1996

Attachment II Page 44 of 44 Serial No.: 96-310 Docket No.: 50-281

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

		_					
Virgini	la Electric a		Co.	7/17/96 Date			
	Name Blvd., Glen Aller			1 Sheet	1		
	Address ower Station	-		Two	JT		
2. Plant	Name			Unit	-		···
5570 Hog Islan	WO#00330842-02, RR#96-093						
	Address			Repair Orga	nization F	.O. No., Job No.,	etc,
3. Work Performed by	Type Code Symbol StampNA						
	Authorization NoNA						
Same as above				Expiration DateNA			
	Address	or Coolant					
4. Identification of Sys	stem	or coolant					
5. (a) Applicable Cons(b) Applicable Edit6. Identification of Co	struction Code ion of Section XI Uti	lized for Hepairs	or Replacement	s 19	ddenda,_	N-1, N-7	_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)
Primary Manway Studs(4 ea.)	Westinghouse	Drawing # 1873E97, Re	v.1 NA	2-RC-B-1C	NA.	Replaced	Мо
Primary Janway Studs (4 ea.)	Westinghouse	Drawing # 1873E97, Re	v.1 NA	2-RC-E-1C	NA.	Replacement	No
7. Description of Work	Replace manway s	etuds.			· · · · · ·		-
8. Tests Conducted:	·	_	eminal Operating Test Temp.	Pressure° F			
NOTE: Supplement tion in items 1 thro recorded at the top	ugh 6 on this report	lists, sketches, o is included on e	or drawings may each sheet, and	be used, provided (1) (3) each sheet is num	size is 8½ bered and	in. x 11 in., (2) id 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

, Remarks_	PO # ET-41822
. Hemarks_	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 repair or replacement.
Type Code	le Symbol StampNA
Certificate Signed	e of Authorization No. NA Expiration Date NA Expiration Date NA Owner or Owner Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
I, the unde or Provinc	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State to the of Virginia HSBI and I Co. of Hartford, Ct. have inspected the components described
in this Ov	wner's Report during the period $\frac{5/10/94}{to}$ to $\frac{5/10/87}{to}$ and state that
	st of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's R	Report in accordance with the requirements of the ASME Code, Section XI.
By sign	ning this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
	ons and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer able in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this n.
	Va. 883
	Inspector's Signature Commissions National Board, State, Province, and Endorsements
Date	7/24/ 1996