ATTACHMENT 2

1992 UNIT 2 REFUELING OUTAGE

INSERVICE INSPECTION SUMMARY REPORT

OWNER'S REPORT OF REPAIRS AND REPLACEMENTS

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

COMMERCIAL SERVICE DATE 12-14-80

JULY 16, 1992

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

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 1 of 54

Repairs and Replacements

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

The following paragraphs and the attached NIS-2 Forms (Attachment 2, pages 8 thru 52) represent those repairs and replacements performed on Class 1 or Class 2 systems:

- A) 91-024 Added additional weld metal per the manufacturer's (Pacific Pumps, Huntington, CA) recommendation to the "C" charging pump, 2-CH-P-1C, alignment lug, Class 2. Also the end plate on the pump cradle was replaced with a 5/8 inch gusset per EWR-91-017. The design flow of the charging pump is 150 gpm and is shown on 12050-WMKS-CH-P-1B. The repair was completed on 1/26/91.
- B) 91-B080 Replaced 12 flange studs, 24 flange nuts, 12 bonnet studs, and 12 bonnet nuts, on 3 inch temperature control charging valve, 2-CH-TCV-2143, Class 2. The studs and nuts were replaced due to flange leakage and boric acid build-up. The valve was manufactured by Masoneilan Co, Avon, MA. The valve is shown on 12050-CBM-95A-2 st jet 2. The replacement was completed on 5/3/91.
- C) 91-B087 Replaced 14 studs and 28 nuts on 3 inch main steam globe valve 2-MS-95, Class 2. The studs and nuts were replaced to eliminate bonnet leakage. The valve was manufactured by Anchor Darling, Williamsport, PA. The valve is shown on 12050-CBM-70E-2 sheet 3. The replacement was completed on 6/10/91.
- D) 91-B088 Replaced 16 studs and 32 nuts on 8 inch safety injection gate valve -SI-15, Class 2. The studs and nuts were replaced due to corrosion. The valve was manufactured by Anchor Darling, Williamsport, PA. The valve is shown on 12050-CBM-96A-2 sheet 1. The replacement was completed on 6/18/91.
- E) 91-B091 Replaced 4 studs and 8 nuts on 3 inch hand control charging valve 2-CH-HCV-2244, Class 2. The studs and nuts were replaced due to gasket leakage. The valve was manufactured by Anchor Darling, Williamsport, PA. The valve is shown on 12050-CBM-70B-3 sheet 3. The replacement was completed on 1/25/92.
- F) 91-B105 Replaced 8 studs on a 14 inch residual heat removal flange, 2-RH-PP-FLANGE, on che "A" residual heat pump, Class 2. The studs were replaced due to corrosion. The flange was manufacutered by Southwest Fabricating, Houston, T%. The flange location is shown on 12050-WMKS-112A-2. The replacement was completed on 9/23/91.

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- G) 92-095 Replaced pipe clamp bolting, 1 cap screw and 1 nut, on reactor coolant support, 2-RC-R-31, Class 1 The loose bolting was found during inservice inspection in the previous outage. The support was manufacutered by Southwest Fabricating, Houston, TX. The support location is shown on 12050-WMKS-110D. The replacement was completed on 4/7/92.
- H) 92-099 Replaced a 6 inch main sceam gate valve, 2-MS-21, and associated piping, Class 2. The replaced valve was manufactured by Crane, Joliet, IL. Code Case N-416 was used to defer the hydrostatic test requirements. The replacement valve was manufactured by Anchor Darling, Williamsport, PA. The valve is shown on 12050-CBM-70B-2 sheet 1. 'he replacement was completed on 6/16/92.
- I) 92-101 Replaced a 2 inch blowdown globe valve, 2-BD-21, Class 2. The valve was replaced due to corrosion/erosion. The replaced valve was manufactured by Vogt, Louisville, KY. The replacement valve was manufactured by Conval, Somer, CT. The valve is shown on 12050-CBM-98A-2 sheet 4. The replacement was complete on 4/11/92.
- J) 92-102 Replaced a 2 inch blowdown globe valve, 2-BD-12, Class 2. The valve was replaced due to erosion/corrosion. The r placed valve was manufactured by Vogt, Loui ville, KY. The replacement valve was manufactured by Conval, Inc., Somer, CT. The valve is shown on 12050-CBM-98A-2 sheet 3. The replacement was complete on 4/11/92.
- K) 92-104 Replace a 3 inch main steam valve, 2-MS-95, and pipe, Class 2. The valve and pipe were replaced due to erosion/corrosion. The post replacement exams were performed in accordance with Code Case N-416. The replaced valve was manufactured by Walworth, Houston, TX. The replacement valve was manufactured by Anchor Darling, Williamsport, PA. The valve is shown on 12050-CBM-70B-2 sheet 3. The replacement was complete on 4/21/92.
- L) 92-107 Replaced a 16 inch service water Duo-check valve, 2-SW-74, Class 2, 16 studs and 32 nuts. The valve was replaced due to erosion/corrosion. The replaced and replacement valves were manufactured by TRW Mission, Cleveland, OH. The valve is shown on 11715-CBM-78B-2 sheet 3. The replacement was completed on 4/19/92.
- M) 92-108 Replaced a 16 inch service water Duo-check valve, 2-SW-84, Class 2, 16 studs and 32 nuts. The valve was replaced due to erosion/corrosion. The replaced and replacement valves were manufactured by TRW Mission, Cleveland, OH. The valve is shown on 11715-CBM-78B-2 sheet 3. The replacement was completed on 4/19/92.
- N) 92-109 Replaced a 16 inch service water Duo-check valve, 2-SW-94, Class 2, 16 studs and 32 nuts. The valve was replaced due to erosion/corrosion. The replaced and replacement valves were manufactured by TRW Mission, Cleveland, OH. The valve is shown on 11715-CBM-78B-2 sheet 3. The replacement was completed on 4/19/92.

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- O) 92-110 Replaced a 16 inch service water Duo-check valve, 2-SW-104, Class 2, 16 studs and 32 nuts. The valve was replaced due to erosion/corrosion. The replaced and replacement valves were manufactured by TRW Mission, Cleveland, OH. The valve is shown on 11725-CBM-78B-2 sheet 3. The replacement was completed on 4/16/92.
- P) 92-113 Replaced a 2 inch charging globe valve, 2-CH-255, Class 2, and associated piping. The valve and piping were replaced due to erosion/corrosion. The replaced valve was manufactured by Rockwell, Raleigh, NC. The replacement valve was manufactured by Conval, Inc. Somer, CT. The replacement was complete on 4/9/92.
- Q) 92-143 Replaced 8 studs and 16 nuts on a 2 inch safety injection flange adjacent to valve 2-SI-143, Class 2. The flange was manufactured by Southwest Fabricating, Houston, TX. The flange is shown on 12050-CBM-96B-2 sheet 1. The studs and nuts were replaced due to corrosion. The replacement was completed on 5/13/92.
- R) 92-144 Replaced 8 studs and 16 nuts on an 8 inch reactor coolant loop bypass valve 2-RC-MOV-2586, Class 1. The studs and nuts were replaced due to corrosion. The valve was manufactured by Rockwell, Raleigh, NC. The valve location is shown on 12050-WMKS-109B. The replacement was completed on 4/21/92.
- S) 92-153 Replaced 1 stud on the "C" pressurizer saftey valve, 2-RC-SV-2551C, Class 1. The stud was replaced due to erosic //corrosion. The valve was manufactured by Dresser, Alexandria, LA. The valve location is shown on 12050-WMKS-110A-1. The replacement was completed on 4/21/92.
- T) 92-168 Machined the shaft bore and new shaft sleeve for a 16 inch service water butterfly valve 2-SW-MOV-203A, Class 2. The alve body shaft penetration was bored to accept a new stainless steel sleeve to replace the old fiberglass sleeve. The valve was manufactured by Allis-Chalmers, Orange, MA. The valve location is shown on 12050-WMKS-105A-1. The repair was completed on 4/18/92.
- U) 92-169 Machined the shaft bore and new shaft sleeve for a 16 inch service water butterfly valve 2-SW-MOV-203B, Class 2. The valve body shaft penetration was bored to accept a new stainless steel sleeve to replace the old fiberglass sleeve. The valve was manufactured by Allis-Chalmers, Orange, MA. The valve location is shown on 12050-WMKS-105A-1. The repair was completed on 4/16/92.
- V) 92-170 Machined the shaft bore and new shaft sleeve for a 16 inch service water butterfly valve 2-SW-MOV-203C, Class 2. The valve body shaft penetration was bored to accept a new stainless steel sleeve to replace the old fiberglass sleeve. The valve was manufactured by Allis-Chalmers, Orange, MA. The valve location is shown on 12050-WMKS-105A-1. The repair was completed on 4/16/92.

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- W) 92-171 Machined the shaft bore and new shaft sleeve for a 16 inch service water butterfly valve 2-SW-MOV-203D, Class 2. The valve body shaft penetration was bored to accept a new stainless steel sleeve to replace the old fiberglass sleeve. The valve was manufactured by Allis-Chalmers, Orange, MA. The valve location is shown on 12050-WMKS-105A-1. The repair was completed on 4/16/92.
- X) 92-172 Machined the shaft bore and new shaft sleeve for a 16 inch service water butterfly valve 2-SW-MOV-204A, Class 2. The valve body shaft penetration was bored to accept a new stainless steel sleeve to replace the old fiberglass sleeve. The valve was manufactured by Allis-Chalmers, Orange, MA. The valve location is shown on 12050-WMKS-105B-2. The repair was completed on 4/16/92.
- Y) 92-173 Machined the shaft bore and new shaft sleeve for a 16 inch service water butterfly valve 2-SW-MOV-204B, Class 2. The valve body shaft penetration was bored to accept a new stainless steel sleeve to replace the old fiberglass sleeve. The valve was manufactured by Allis-Chalmers, Orange, MA. The valve location is shown on 12050-WMKS-105B-2. The repair was completed on 4/16/92.
- Z) 92-174 Machined the shaft bore and new shaft sleeve for a 16 inch service water butterfly valve 2-SW-MOV-204C, Class 2. The valve body shaft penetration was bored to accept a new stainless steel sleeve to replace the old fiberglass sleeve. The valve was manufactured by Allis-Chalmers, Orange, MA. The valve location is shown on 12050-WMKS-105B-2. The repair was completed on 4/16/92.
- AA) 92-175 Machined the shaft bore and new shaft sleeve for a 16 inch service water butterfly valve 2-SW-MOV-204D, Class 2. The valve body shaft penetration was bored to accept a new stainless steel sleeve to replace the old fiberglass sleeve. The valve was manufactured by Allis-Chalmers, Orange, MA. The valve location is shown on 12050-WMKS-105B-2. The repair was completed on 4/16/92.
- AB) 92-187 Replaced 16 studs on a 12 inch safety injection check valve 2-SI-1, Class 2. The studs and were replaced due to corrosion. The valve was manufactured by Crane-Aloyco, Williston, VT. The valve location is shown on 12050-WMKS-104C-1. The replacement was completed on 4/22/92.
- AC) 92-191 Replaced 24 studs and 48 nuts on a 3 inch charging temperature control valve bonnet, 2-CH-TCV-2143, Class 2. The studs and nuts were replace to repair a leaky flange. The valve was manufactured by Masoneilan Co, Avon, MA. The valve is shown on 12050-CBM-95A-2 sheet 2. The replacement was completed on 4/9/92.

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- AD) 92-192 Replaced 12 studs and 24 nuts on a 3 inch charging valve 2-CH-HCV-2244, Class 2. The studs and nuts were replaced due to corrosion/erosion. The valve was manufactured by Masoneilan Co, Avon, MA. The valve is shown on 12050-CBM-95A-2 sheet 1. The replacement was completed on 6/26/92.
- AE) 92-200 Replaced 16 studs and 32 nuts on an 18 inch component cooling check valve 2-CC-194, Class 2. The studs and nuts were replaced due to erosion/corrosion. The replaced and replacement valves were manufactured by TRW Mission, Cleveland, OH. The valve location is shown on 11715-WMKS-118K-2. The replacement was complete on 3/21/92.
- AF) 92-201 Replaced 16 studs and 32 nuts on an 18 inch component cooling valve 2-CC-199, Class 2. The studs and nuts were replaced due to erosion/corrosion. The replaced and replacement valves were manufactured by TRW Mission, Cleveland, OH. The valve location is shown on 11715-WMKS-118K-2. The replacement was complete on 3/22/92.
- AG) 92-213 Replaced a missing snap ring on safety injection component support 2-SI-PH-603A on 12050-WMKS-SI-P-1B, Class 2. The snap ring was discovered to be missing during an inservice inspection. The support was manufactured by ITT Grinnell, Lancaster, PA. The replacement was completed on 4/1_/92.
- Ail) 92-214 Replaced nozzle and disc on a 2 inch charging relief valve 2-CH-RV-2382B, Class 2. The nozzle and disc were replaced to correct a failed seat integrity test. The valve was manufactured by Crosby, Wrentham, MA. The valve is shown on 12050-CBM-95B-2 sheet 1. The replacement was completed on 5/8/92.
- AI) 92-215 Replaced a 2 inch nozzle on the "B" safety injection accumulator, 2-SI-TK-1B, Class 2. The nozzle was replaced due to a failure found during an augmented NDE exam. The tank was manufactured by Delta Southern, Batton Rouge, LA. The nozzle is shown on 12050-CBM-96B-2 sheet 2. The replacement was completed on 3/29/92.
- AJ) 92-219 Replaced 8 studs and 16 nuts on a 2 inch 600# safety injection flange for 2-SI-TK-1B, Class 2. The studs and nuts were replaced due to erosion/corrosion. The tank was manufactured by Delta Southern, Batton Rouge, LA, The flange is shown on 12050-CBM-96B-2 sheet 2. The replacement was completed on 3/29/92.
- AK) 92-221 Replaced 12 studs and 24 nuts on body to bonnet bolting on a 3 inch safety injection valve, 2-SI-MOV-2867A, Class 2. The studs and nuts were replaced due to corrosion/erosion. The valve was manufactured by Velan Engineering Co., Williston, VT. The valve is shown on 12050-CBM-96A-2 sheet 3. The replacement was completed on 4/17/92.

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- AL; 92-222 Replaced 12 studs and 24 nuts on body to bonnet bolting on a 3 inch safety injection valve, 2-SI-MOV-2867B, Class 2. The studs and nuts were replaced due to boric acid buildup. The valve was manufactured by Velan Engineering Co., Williston, VT. The valve is shown on 12050-CBM-96A-2 sheet 3. The replacement was completed on 4/27/92.
- AM) 92-227 Removed 2 tubes from the "A" steam generator 2-RC-E-1A, Class 1. The removed tubes were replaced with welded plugs. The steam generator was manufacutered by Westinghouse, Tampa FL. The replacement was completed on 4/06/92.
- AN) 92-228 Replaced a 2 inch schedule 40 safety injection pipe between 2-SI-156 and 2-SI-TK-1B, Class 2. The piping was replaced due an indication found during and augmented exam. The pipe was manufactured by Southwest Fabricating, Houston, TX. The line is shown on 2050-CBM-96B-2 sheet 2. The replacement was complete on 3/29/92.
- AO) 92-235 Installed 1 jam nut on safety injection support, 2-SI-PH-532-01 (2-SI-A-1 on 12050-WMKS-103BN), Class 1. Missing jam nut was found during an inservice inspection. The support was manufactured by Southwest Fabricating, Houston, TX. The replacement was completed on 4/14/92.
- AP) 92-245 Replaced 16 studs and 32 nuts on 12 inch safety injection check valve 2-SI-21, Class 2. The studs and nuts were replaced due to corrosion. The valve was manufactured by Crane-Aloyco, Williston, VT. The valve location is shown on 12050-WMKS-104C-1. The replacement was completed on 4/8/92.
- AQ) 92-249 Replaced 2 cap screws and 2 nuts on the pipe clamp for reactor coolant support 2-RC-SH-15, Class 1. The support was moved to perform an NDE exam. The cip screws and nuts were replaced when it was reinstalled. The support was manufactured by ITT Grinnell, Lancaster, PA. The location of the support is shown on 12050-WMKS-110B. The replacement was completed on 4/5/92.
- AR) 92-250 Replaced 4 bonnet studs on a 32 inch main steam trip valve, 2-MS-TV-201A, Class 2. The bonnet studs were replaced due to erosion/corrosion. The valve was manufactured by Schukke & Koerting, Bensalem, PA. The valve location is shown on 12050-WMKS-101A-1. The replacement was completed on 4/28/92.
- AS) 92-260 Replaced a 6 inch component cooling check valve, 2-CC-276, 8 studs and 16 nuts, Class 2. The check valve, studs, and nuts were replaced due to erosion/corrosion. The replaced valve was manufactured by TRW Mission, Cleveland, OH. The replacement valve was manufactured by C&S Valve Co., Westmont, IL. The valve is shown on 12050-CBM-79B-2 sheet 3. The replacement was complete on 4/17/92.

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- AT) 92-261 Replaced a 6 inch component cooling check valve, 2-CC-302, 8 studs and 16 nuts, Class 2. The check valve, studs, and nuts were replaced due to erosion/corrosion. The replaced valve was manufactured by TRW Mission, Cleveland, OH. The replacement valve was manufactured by C&S Valve Co., Westmont, IL. The valve location is shown on 12050-CBM-79B-2 sheet 3. The replacement was complete on 4/17/92.
- AU) 92-274 Replaced 12 studs and 12 nuts on the body to bonnet flange of a 3 inch safety injection valve, 2-SI-MOV-2867A, Class 2. The studs and nuts were replaced due to corrosion/erosion. The valve was manufactured by Velan Engineering Co., Williston, VT. The valve is shown on 12050-CBM-96A-2 sheet 3. The replacement was completed on 4/17/92.

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

1.	Owner	Virginia Electric & Power Company	Date		05/13/91
		Name			
		5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet	1of	1
	1.1.1.1	Address			
í.	Plant	North Anna Power Station	Unit	2	
		Name			
	P.O. Box 402 Mineral, VA. 23117		Res	pair/Replace	ement Program 91-024
	and with product solid strengt	Address	Rep	elr Organizatio	on P.O. No., Job No., etc.
	Work Perfe	rk Performed by Virginia Electric & Power Company		Symbol Stamp	N/A
		Neme	Authorizatio		N/A
	5000 Dominion Blvd. Glen Allen, VA. 23060		Expiration Date		N/A
	Identificat	Address ion of System Charging			

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pump	Pacific	46364	N/A	2-CH-P-1C	1972	Repair	No
4							

7. Description of Work______ Added additional weld to the pump alignment lug.

8.	Tests Conducted:	Hydrostatic Pneumatic		Nor	Nominal Operating Pressure			
		Other X Press	sure	Osi	Test	Temp.	°F	VT-3

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

(12/82)

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

Remarks	ASME XI Class 2.
	Applicable Manufacturer's Data Reports to be attached
	Added additional weld lenght to the pump alignment lug as per the manufacturer.
	Replaced end plate on pump cradle with 5/8 in, gusset as per EWR 91-017.
	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 X1. repair or replacement
Type Code S	ymbol StampN/A
Certificate of	Aut prization No. N/A Expiration Date N/A
10	YN CT THE
Signed	2 and Seteconican Date 10 July 19 91
04	vner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
1 the under	signed, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
	of <u>Virginia</u> and employed by <u>Hartford Steam Boiler 1 & 1 Co.</u>
	Hartford, CT have inspected the components describe
	er's Report during the period 25 JAN 1991 to 26 JAN 1991, and state th
	of my knowledge and belief, the Own - has performed examinations and taken corrective measures described in the
	port in accordance with the requirements of the ASME Code, Section XI.
	ng this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning t
my aiffitti	is and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ
examination	is and corrective measures described in this owner's neport, Furthermore, nerther the impactor has marked with t
shall be liab	
	on di
shall be liab	lev Elle commissions_ UASS&

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

1	Owner	Virginia Electric & Power Company	06/18/92 Date
		Name 5000 Dominion Blvd. Glen Allen, VA. 23060	1 1 Sheet of
	Piant	Address North Anna Power Station	2 Unit
	C IGIN anticia	Name P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program 91-8080
	Wast Darfs	Address Virginia Electric & Power Company	Repair Organization P.O. No., Job No., atc. N/A Type Code Symbol Stamp
3, Work Per		5000 Dr finion Blvd. Glen Allen, VA. 23060	Authorization No.
	identificat	Address Chemical and Volume Control	- Aprilation Date
	(a) Applic	B31.7 69 able Construction Code 19 Editio	W 1970 78,81,83(R),115 m. BA No Addem Addende. Code Ca

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Bullt	Repaired, Replaced, or Replacement	A SME Code Stamped (Yes or No)
Vaive	Masonelian	N/A	N/A	2-CH-TCV-2143	N/A	Replaced	No
Valve	Masonelian	N/A	N/A	2-CH-TCV-2143	N/A	Replacement	ЧО
			-				

Replaced bonnet and flange bolting material due to leakage.

7. Description of Work

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure O:.ier Pressure psi Test Temp. _____ ° F

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

(12/82)

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

CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this
Replacement was necessary due to flange leakage and boric acid build-up.
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
Replaced 12 flange studs and 12 bonnet studs, both ASTM A193 Gr. 87. for 1/2" ctuds ASTM A-Grade Grade G
Type Code Symbol StampN/A
Certificate of Authonization No. N/A Expiration Date N/A
CERTIFICATE OF INSERVICE INSPECTION
or Province of Virginia and employed by Hartford St_am Boiler 1 & 1 Co O
have inspected the components described
Moch M. Hears Commissions VA424 Inspector's Signature National Board, State, Province, and Endorsements
Date June 22 19 12

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Owner	Virginia Electric & Power Company	Date		08/13/91	
C111 101	Name 5000 Dominion Blvd. Glen Allen, VA. 23960	Sheet	1	1	
Plant	Address North Anna Power Station	Unit	2		
	Neme F.O. Box 402 Mineral, VA. 23117			cement Pro	ogram 91-8087
Work Per	Address Virginia Electric & Power Company formed by	Type	Repair Organiz Code Symbol Str		o., Job No., etc. N/A N/A
	Name 5000 Dominion Blvd. Gler. Allen, VA. 23060	Authoritan No.		N/A	
Identifica	Address Main Steam ntion of System				
	631.7 69 Edition	₩ 19	70		,83(R),115

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

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Poard No.	Other Identification	Yeer Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes Or No)
Valve	N/A	N/A	N/A	2-MS-95	N/A	Replaced	No
Valve	N/A	N/A	N/A	2-MS-95	N/A	Replacement	No

Replaced studs and nuts due to body to bonnet leakage.

7. Description of Work

5. Tests Conducted: Hydrostatic 🗍 Pneumatic 🗍 Nominal Operating Pressure 🗍 Other Pressure_____psi Test Temp.____

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

(12/82)

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

°F

	Replaced 14 ASTM A193 Gr. 87 studs.
	Replaced 28 ASTM A194 Gr. 2H nuts.
	CERTIFICATE OF COMPLIANCE
We cer ASME Code, Sec	tify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement
Type Code Jymb	pol Stamp N/A
Signed	thorization No. N/A Expiration Date N/A P. Admin ISI Engineer Date Sept. 24, 1991 or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
ar Province of	d, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat Virginiaand employed byHartford Steam Foiler I & I Co
and the second	Report during the period 4 30% 1991 to 10 30% 1991, and state the
	y knowledge and belief, the Owner has performed examinations and taken corrective measures described in th
Owner's Report	in accordance with the requirements of the ASME Code, Section XI.
examinations and	is certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the d corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed any manner for any personal injury or property damage or a loss of any kind arising from or connected with the
4101	inter commissione VASSE
2000	Inspector's Signature Commissions VI State, Province, and Endorsements

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

Owner	Virginia Electric & Power Company	Date 10/03/91
Cremer -	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet of 1
Piant	Address North Anna Power Station	Unit 2
	Name P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program 91-8088
Work Pe	Address Virginia Electric & Power Company normed by Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Repair Organization P.O. No., Job No., atc. Type Code Symbol Stamp N/A Authorization No. N/A
Identific	Address Safety Injection	Expiration Date

5. (a) Applicable Construction Code <u>631.7</u> <u>69</u> Edition <u>Addenda</u> <u>78,51,83(R),115</u> Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacement, 19

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	Nationai Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	N/A	N/A	N/A	2-51-15	N/A	Replaced	No
Valve	N/A	N/A	N/A	2-51-15	N/A	Replacement	No

7. Description of Work Studs and nuts replaced due to corrosion.

8. Tests Conducted: Hydrostatic Presure Nominal Operating Pressure VT-2 Other Pressure psi Test Temp. °F

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

(12/82)

This "orm (E00030) may be obtained from the Order Dept., +5 ME, 345 E, 47th St., New York, N.Y. 10017

Remarks	ASME XI Class 2.					
	Applicable Manufacturer's Data Reports to be attached Replaced 16 ASTM A193 Gr. 87 studs.					
	Replaced 32 ASTM A194 Gr. 2H nuts.					
	Replaced studs and nuts due to corrosion.					
We ASME Code,	CERTIFICATE OF COMPLIANCE certify that the statements made in the report are correct and this conforms to the rules of the Section X1					
ASME Code,	certify that the statements made in the report are correct and this conforms to the rules of the					
ASME Code, Type Code S	certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the section XI.					

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National B Virginia	loard of Boiler and Pressure Vessel Inspectors and the State Martford Steam Boiler I & I Co.
or Province ofand employed by	10
or Province of and employed by	have inspected the components described

in this Owner's Report during the period // "June 1991 to 18 Jone 1997, 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.

Unalling Elich Commissions UP 558 Inspector's Signature Commissions National Board, State, Province, and Endorsements Date 9 oct 1991

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 12 of 54

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

Owner	Virginia Electric & Power Company	08/13/91
	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet 1 of 1
Plant	Address North Anna Power Station	Unit 2
	Nemie P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program 91-8091
Minali Dav	Address Virginia Electric & Power Company	Repair Organization P.O. No., Job No., etc. Type Code Symuol Stamp N/A
WOTK Per	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Authorization No. N/A Expiration Date
Identific	Address Chemical and Volume Control ation of System	
(a) Appl	licable Construction Code 831.7 19 Editio	00, 1970 Addenda, 78,81,83(R),115 Gode C

19 Edition, 86 Addende (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19, Strike.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	N/A	N/A	N/A	2-CH-HCV-2244	N/A	Replaced	No
Valve	N/A	N/A	N/A	2-CH-HCV-2244	N/A	Replacement	No

Replaced studs and nuts due to gasket leakage. 7. Description of Work

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure____psi Test Temp.

VT-2 OF

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

(12/82)

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

	Applicable Manufac	turer's Data Reports to be attached
	Replaced 4 ASTM A193 Gr. 87 studs.	
	Replaced 8 ASTM A194 Gr. 2M nuts.	
	CERTIFICATE a certify that the statements made in the report an Section X1.	OF COMPLIANCE Replacement conforms to the rules of th repair or replacement
Type Cocie S	wmbol StampN/A	
Certificate o	Authorization No. N/A	Expiration Date N/A Date 24 / Jan 18 52
Ov	orer & Owner's Designee, Title	INSERVICE INSPECTION
I, the under or Province	signed, holding a valic commission issued by the N	ational Board of Boller and Pressure Vessel Inspectors and the St Hartford Steam Boller I & I Co.
	Martford, CT	have inspected the components descri T/12/91 to 1/25/92 and state t
		ormed examinations and taken corrective measures described in
	port in accordance with the requirements of the A	
examination	is and corrective measures described in this Own	nployer makes any warranty, expressed or implied, concerning ner's Report. Furthermore, neither the Inspector nor his emplo rty damage or a loss of any kind arising from or connected with
	Nal M Hora Con	nmissions

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Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 13 of 54

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

Owner Virginia Electric & Power Company	01/06/92		
Name 5000 Dominion Blvd. Glen Allen, VA. 23060	1 of 1		
Address Plant North Anna Power Station	Unit 2		
Nerne P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program 91-8105		
Address Work Performed by Virginia Electric & Power Company Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A		
Address Identification of System Residual Heat Removal			

5. (a) Applicable Construction Code 831.7 19 69 Edition, W 1970 Addenda, Addenda, Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 66 No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No,	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Corie Stamped (Yes or No)
Flange	Southwest Fab.	N/A	N/A	2-RH-PP-Flange	N/A	Replaced	No
Flange	Southwest Fab.	N/A	N/A	2-RH-PP-Flange	N/A	Replacement	No

7. Description of Work Replaced 8 studs on 14 inch flange due to corrosion.

fests Conducted:	Hydrostatic D Pneu	matic [_]	Nominal	Operating	Pressure	T
	Other [] Pressure		mai Tan	Tamo		

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

(12/82)

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11

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

	Applicable Manufacturer's Data Reports to be attached
	Replaced 8 ASME SA193 Gr. 57 studs.
	CERTIFICATE OF COMPLIANCE
We c ASME Code, S	sertify 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 Syr	nbol StampN/A
Certificate of	Authorization Date N/A
10	The RTRATICIAN Date 1/10 10.92
Signed	VI INCTAVICIAN Data 1/10 1076
Own	er dr Owner's Designee. Title
Own	er GrÖwner's Designee, Title
Own	CERTIFICATE OF INSERVICE INSPECTION
Own	er's Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION
Own	er'dr'Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION ned, holding a valid commission issued by the National Board of Boiler and Prissure Vessel Inspectors and the Sta
Own I, the undersig or Province of Hart	er & Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION med, holding a valid commission issued by the National Board of Boiler and Prossure Vessel Inspectors and the Sta Virginiaand employed by
Own I, the undersig or Province of Hart	er's Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION med, holding a valid commission issued by the National Board of Bouler and Prossure Vessel Inspectors and the Sta Virginia and employed by Hartford Steam Boiler 1 & 1 Co. tford, CT have inspected the components describe
I, the undersig or Province of Hant in this Owner	CERTIFICATE OF INSERVICE INSPECTION CERTIFICATE OF INSERVICE INSPECTION med, holding a valid commission issued by the National Board of Boller and Prossure Vessel Inspectors and the Sta Virginia and employed by <u>Hartford Steam Boiler 1 & 1 Co.</u> tford, CThave inspected the components describe 's Report during the period <u>Y/23/97</u> to <u>9/23/97</u> , and state th
I, the undersig or Province of Hart in this Owner to the best of	CERTIFICATE OF INSERVICE INSPECTION CERTIFICATE OF INSERVICE INSPECTION med, holding a valid commission issued by the National Board of Boller and Prossure Vessel Inspectors and the Sta Virginia and employed by <u>Hartford Steam Boiler 1 & 1 Co.</u> tford, CThave inspected the components describe 's Report during the period <u>Y/23/97</u> to <u>9/23/97</u> , and state th
I, the undersig or Province of Hart in this Owner to the best of Owner's Repo	CERTIFICATE OF INSERVICE INSPECTION CERTIFICATE OF INSERVICE INSPECTION Ined, holding a valid commission issued by the National Board of Boiler and Prasure Vessel Inspectors and the Sta Virginia and employed by <u>Hartford Steam Boiler 1 & 1 Co.</u> Iford, CT
I, the undersig or Province of Hant in this Owner to the best of Owner's Repo By signing	CERTIFICATE OF INSERVICE INSPECTION Med, holding a valid commission issued by the National Board of Boller and Prossure Vessel Inspectors and the Star Virginia and employed by <u>Hartford Steam Boller I & 1 Co.</u> And employed by <u>Hartford Steam Boller I & 1 Co.</u> And the inspected the components described is Report during the period <u>Y/23/97</u> to <u>9/23/97</u> , and state th my knowledge and belief, the Owner has performed examinations and taken corrective measures described in th rt in accordance with the requirements of the ASME Code, Section XI. this certificate neither the Inspector nor his employer makes any warrante, expressed or implied, concerning to
I, the undersig or Province of Hant in this Owner to the best of Owner's Repo By signing examinations	CERTIFICATE OF INSERVICE INSPECTION Med, holding a valid commission issued by the National Board of Boller and Prossure Vessel Inspectors and the Stal Virginia and employed by <u>Hartford Steam Boller 1 & 1 Co.</u> tford, CT
I, the undersig or Province of Hant in this Owner to the best of Owner's Repo By signing examinations	CERTIFICATE OF INSERVICE INSPECTION Med, holding a valid commission issued by the National Board of Boller and Prossure Vessel Inspectors and the Stal Virginia and employed by <u>Hartford Steam Boller 1 & 1 Co.</u> tford, CT
I, the undersig or Province of Hant in this Owner to the best of Owner's Repo By signing examinations sha'l be liable inspection.	CERTIFICATE OF INSERVICE INSPECTION med, holding a valid commission issued by the National Board of Boller and Prossure Vessel Inspectors and the Stal Virginia and employed by <u>Nartford Steam Boller 1 & 1 Co.</u> tford, CT
I, the undersig or Province of Hant in this Owner to the best of Owner's Repo By signing examinations sha'l be liable inspection.	CERTIFICATE OF INSERVICE INSPECTION med, holding a valid commission issued by the National Board of Boller and Prossure Vessel Inspectors and the Sta <u>Virginia</u> and employed by <u>Hartford Steam Boiler 1 & 1 Co.</u> tford, CT
I, the undersig or Province of Hant in this Owner to the best of Owner's Repo By signing examinations sha'l be liable inspection.	CERTIFICATE OF INSERVICE INSPECTION Ined, holding a valid commission issued by the National Board of Boller and Prossure Vessel Inspectors and the Stat Virginia and employed by <u>Nartford Steam Boller 1 & 1 Co.</u> Ford, CT
I, the undersig or Province of Hant in this Owner to the best of Owner's Repo By signing examinations sha'l be liable inspection.	CERTIFICATE OF INSERVICE INSPECTION med, holding a valid commission issued by the National Board of Boller and Prossure Vessel Inspectors and the Sta <u>Virginia</u> and employed by <u>Hartford Steam Boiler 1 & 1 Co.</u> tford, CT

tan.

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Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 14 of 54

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

	Owner	Virginia Electric & Power Company	Date 04/27/92		
		Name 5000 Dominion Blvd, Glen Allen, VA. 23060	Sheet of		
	Plant	Address North Anna Power Station	Unit2		
r idrit		Name P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program	92-095	
. Work Perfo		Address Virginia Electric & Power Company	Repair Organization P.O. No., Job No. Type Code Symbol StampN/A		
		Name 5000 Dominion Rlvd. Glen Allen, VA. 23060	Authorization No.	N/A N/A	
. Identificati		Address Reactor Coolant	F. C. P. C. M. M. W. L. W. W. W. and the state of the structure of the		

78,81,83(R),115 Code Case B31.7 W 1970 85 No Addenda 5. (a) Applicable Construction 19 _Edition, .8 (b) Applicable Edition of Section XI Utilized for Repairs or Roplacements 19,

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replación or Replacement	ASME Code Stamped (Yes or No)
Support	Southwest Fab.	N/A	N/A	2-RC-R-31	N/A	Replaced	No
Support	Southwest Fab.	N/A	N/A	2-RC-R-31	N/A	Replacement	No

Replaced bolting on pipe clamp. 7. Description of Work

8. Tasts Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure _____psi Test Temp. _____

VT-3

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

(12/82)

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

8.

1

Remarks	ASME XI Class 1.
	Auplicable Manufacturer's Data Reparts to be attached Replaced 1 CS A173 gr. 87 cap scruw.
	Replaced 1 CS A194 gr. 2H nut.
	CERTIFICATE OF COMPLIANCE
We c ASME Code, S	sertify that the statements made in the report are conject rind this <u>Replacement</u> conforms to the rules of the rection X?.
Type Code Syr	mbol StampN/A
Certificate of	Authorization No. N/A Expirition Date N/A
Signed Gwm	Ner Dr Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSECTION
I, the undersig or Province of	and mployed by the National Board of Boller and Pressure Vessel inspectors and the Sta Virginia
	tford, CT have inspected the components describe
	r's Report during the period 2/1.3/92 to v/2/92, and state th
	f my knowledge and belief, the Owner has performed examinations and taker corrective measures described in the ort 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 t
examinations	and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ in any manner for any personal injury or property damage or a loss of any kind arising from or connected with th
m	Inspector's Signature Commissions VAYAY Inspector's Signature National Board, state, Province, and Endorsements
	4/28 19.92

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 15 of 54

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

Owner	Virginia Electric & Power Company	Date06//39/92
	N&DIE	
	5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet of 1
	Address	WHEN I'V and Production Without and a second second second second
Plant	North Anna Power Station	Unit 2
	Name	
	P.D. Box 402 Mineral, VA. 23117	Repair/Replacement Program 92-099
-	Address	Repair Organization P.O. No., Job No., et
Work P	Performed by Virginia Electric & Power Company	Type Code Symbol Stamp K/A
	Name	Authorization No. N/A
	5000 Dominion Blvd. Glen Allen, VA. 23060	Expiration Date N/A
	Address	
Idaneifi	cation of System Mein Steam	

5. (a) Applicable Construction Code ______19 ___69 Edition, _____ 4 1970 Addenda, 78,81,83(R),115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 ______

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Şerial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Crane	N/A	N/A	2-MS-21	N/A	Replaced	No
Valve	Anchor/Darling	E-5288-33-2	H/A	2-MS-21	1979	Replacement	No

7. Description of Work_

Replaced (1) 6-inch defective gate valve and associated piping.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure 820 psi Test Temp. 545 °F VT-2

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 * through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82)

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

	Applicable Manufacturer's Data Reports to be attached
Final liquid p	enetrant and radiography exams were performed on all welds.
Examination Re	equirements were performed in accordance with Code Case N-416.
	CERTIFICATE OF COMPLIANCE
We certify that the s ASME Code, Section X1.	tatements made in the report are correct and this Replacement conforms to the rules of the repair or replacement
Type Code Symbol Stamp	N/A
gnedOwner or Owner's D	I, ISI ENGR. Date June 29 1992
	CERTIFICATE OF INSERVICE INSPECTION
 the undersigned, holding a vi or Province of <u>Virginia</u> 	alid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat and employed byHartford Steam Boiler 1 & I Coo
	have inspected the components described the period
By signing this certificate r	neither the Inspector nor his employer makes any warrar , expressed or implied, concerning th neasures described in this Owner's Report. Furthermore, neither the Inspector nor his employe or any personal injury or property damage or a loss of any kind arising from or connected with thi

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 16 of 54

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

Owner	Virginia Electric & Power Company	Date 06/17/92		
	Name 5000 Dominion Blvd. Glen Allen, VA .3060	Sheet of 1		
Plant	Address North Anna Power Station	2 Unit		
	Name P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program 92-101		
Work Pr	Address Virginia Electric & Power Company	Repeir Organization P.O. No., Job No., etc. Type Code Symbol Stamp		
	Name 5000 Dominion Blvd. Gien Allen, VA. 23060	Authorization No. N/A Expiration Date		
Identifi	Address Blowdown cation of System			

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 _____ 86 No Addenda ______ Addenda 5. (a) Applicable Construction Code_

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Vaive	Vogt	N/A	N/A	2-80-21	N/A	Replaced	No
Valve	Conval	1162	N/A	2-80-21	1987	Replacement	No

7. Description of Work

Replaced 2-inch blowdown valve due to corrosion/erosion.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure psi Test Temp, *

V1-2

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

(12/82)

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

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사회에는 영향을 위해 모양을 다 있다.		turer's Data Reports to be attached
A final	liquid penetrant exam was per	ormed on all welds.
		and the second
	CERTIFICATE	OF COMPLIANCE
We certify that	the statements made in the report are	
ASME Code, Section X1.		repair or replacement
Type Code Symbol Stamp	DN/A	and the second
Certificate of Authorizati	on No. N/A	Expiration Date N/A
nPD.		
Signed CAA	- Seternicias	nora 17 June 16 83
Owner or Owne	er's Designee, Title	an a
	The second state is a second second state and second second second second second second second second second s	na ana ana ana ana ana ana ana ana ana
	CERTIFICATE OF	INSERVICE INSPECTION
I the undersigned holding		lational Board of Boiler and Pressure Vessel inspectors and the S
	iniaand employed by	
Hartford, C		have inspected the components descr
in this Dwart's Deport	during the period	
		ormed examinations and taken corrective measures described in
	dance with the requirements of the A	
		mployer makes any warranty, expressed or implied, concerning
		ner's Report. Furthermore, neither the Inspector nor his emp
shall be liable in any ma	inner for any personal injury or prope	erty damage or a loss of any kind arising from or connected with
There are an a set of the set of		
inspection.	1 and 14	100000
inspection.		mmissions VAY24
May	Com Strucy Co	Biggio and Board Corres Description and Pro-
May	ictor's Signature	National Board, State, Province, and Endorsemen

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 17 of 54

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

Owner	Virginia Electric & Power Company	Date06/0	4/92	
	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	1 of	1	
Plant	Address North Anna Power Station	Unit 2		
	Name P.O. Box 402 Mineral, VA. 23117	Repair/Replacement 92-102		
Work Parl	Address Virginia Electric & Power Company	Repair Organization P Type Code Symbol Stamp	.O. No., Job No., etc. N/A	
Name 5000 Dominion Blvd. Glen Allen, VA. 23060		Authorization No.	N/A N/A	
 Identifica	Address Blowdown tion of System			
	cable Construction Code1969_Editio	n, Addenda,	8,81,83(R),115 Cod	

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Gode Stamped (Yes or No)
Valve	N/A	N/A	N/A	2-80-12	N/A	Replaced	No
Valve	Convel	1162	N/A	2-80-12	1987	Replacement	No

Replaced 2-inch valve and pipe. 7. Description of Work

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure VT-2 Other Pressure psi Test Temp.___

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

(12/82)

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

ASME XI Class 2.

Replaced the 2-inch valve and pipe dur to erosion/corrosion.

A final liquid penetrant exam was performed on all welds.

We certify that the st ASME Code, Section X1.	CERTIFICATE OF atements made in the report are co	Replace	conforms	to the rules of the
voe Code Symbol Stamp	N/A			
Certificate of Author Stion No	N/A	Expiration Date	N/A	
Signed Owner or Owner's De	Se TECHNICIAN	Date 4	June	
in this Owner's Report during		A CARACTAR AND A CARACTAR AND A CARACTAR		, and state the
	with the requirements of the ASME	Code, Section X1.		
Owner's Report in accordance of By signing this certificate n examinations and corrective m		Code, Section XI. yer makes any warranty, Report. Furthermore, no	expressed or impl either the Inspecto	ied, concerning the

9. Remarks ____

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 18 of 54

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

1. 0	Owner	Virginia Electric & Power Company	06/01/92
		Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet of 1
2	Plant	Address North Anna Power Station	Unit 2
*	· HITTI and and a	Name P.O. Box 402 Mineral, VA. 23117	Repair/Replacement 92-104, Work Drder 1288
	Address Virginia Electric & Power Company		Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
ω.	THUR PER	5000 Dominion Blvd. Glen Allen, VA. 23060	Authorization No. N/A Expiration Date
4.	Identificat	Address Main Steam	
Б.	(a) Applic	able Construction Code	W 1970Addenda, 78,81,83(R),115 Code Case

(b) Applicable Edition of Section XI Utilized for Fiepairs or Replacements 19_____

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stambed (Yes or No)
Valve	Walworth	N/A	N/A	2-MS-95	N/A	Replaced	No
Valve	Anchor-Darling	E1276-3-1	N/A	2-MS-95	1982	Replacement	No

7. Description of Work _____ Replaced valve and pipe due to corrosion/erosion.

8. Tests Conducted: Hydrostatic Pressure Nominal Operating Pressure 1000 psi Test Temp. 545 °F

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

(12/82)

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

VT-2

	ASME	XI CI	lass Z.
Classic makes			

Applicable Manufacturer's Data Reports to be attached Replaced (1) 3-inch gate valve and CS A106 gr.8 Sched. 80 pipe.

Performed final liquid ponetrant exams and radiography exams on all welds.

Post replacement exams were in accordance with Code Case N-416.

We certify that the statem ASME Code, Section X1.	CERTIFICATE OF C	ect and this	Rep: acement conforms to the rules of the r or replacement
Type Code Symbol Stamp	N/A		
Certificate of Authorization No	I N/A	Expiration (DateN/A
Signed P. Hamil	ISI Engineer		June 1 1992
1, the undersigned, holding a valid c ur Province of Hartford, CT	CERTIFICATE OF INS ommission issued by the Nation and employed by	al Board of Boile	CTION er and Pressure Vessel Inspectors and the State Steam Boiler I & I Coo
	period2/	7/93 10	4/21/92 , and state that
in this Owner's Report during the	salief the Owner has performe	d examinations a	and taken corrective measures described in thi
to the best of my knowledge and t			
to the best of my knowledge and t Owner's Report in accordance with	the requirements of the ASME	Code, Section X	

Mesh M At Inspector's Signature VA424 National Board, State, Province, and Endorsements Commissions.

June 2 1992

Date,

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 19 of 54

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

. Owner	Virginia Electric & Power Company	Date 04/28/9	2	
		Name 5000 Dominion Blvd. Glon Allen, VA. 23060	Sheet of	1
. Pient	Address North Anna Fower Station	Unit2		
		Neme P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program 92-107	
. Wark ^o ert	Work Serto	Address Virginia Electric & Power Company	Repair Organization P.O.	No., Joh No., etc. N/A
		Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Authorization No.	N/A N/A
	Lefenet flows	Address ion of SystemService Water		

(a) Applicable Construction Code 831.7 19 69 Edition, 4 1970 Addenda, 78,81,83(R),115 Code Case
 (b) Applicable Edition of Section KI Utilized for Repairs or Replacements 19 86 No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other	Year Built	Repairsd, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	TRW Mission	R/A	N/A	2-8W-74	N/4	Revinc. 2	NG
Valve	TRW Mission	49233	N/A	2-SW-74	1985	Repi_cement	Ne

7. Description of Work,

Replaced check valve, studs, and nuts due to erosion/corrosion.

E. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X
 Other Pressure psi Test Temp. P
 F V1-2

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

112/82)

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

Remarks	ASME XI Closs 2.
	Applicable Manufacturer's Data Reports to be attached
	Replaced 1 Class 2 Duo-check valve.
	Replaced 16 ASIM A193 gr.87 studs.
	Replaced 32 ASMF SA194 pr.2H nuts.
	CERTIFICATE OF COMPLIANCE t certify that the statements made in the report are currect and this Replacement conforms to the rules of the
ASME Code,	Section X1.
Type Code S	ymbol StampN/A
Certificate of	Authoriention No. N/A Expiration Date N/A
Signed Ow	Ale Se Termician Dore 28 April 1992
	CERTIFICATE OF INSERVICE INSPECTION
or Province o	igned, holding a valid commission issued by the National Board of Boiler and Pressure Vessei Inspectors and the Stat MYirginiaend employed byHartford Steam Boiler J & 1 CoC
States - successions	rtford, CT have inspected the components describe
	er's Report during the period, and state the of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in th
	ort in accordance with the requirements of the ASME Code, Section XI.
By signin	g this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning th
	a and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employ e in any manner for any personal injury or property damage or a loss of any kind arising from or connected with th
/	Mak M. Aug Commissions VA 424
	Inspector's Signature National Board, State, Province, and Endorsements
Date	4/49 18 82
Page State	anna ann an da ta

Droket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 20 of 54

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

. Ow	Virginia Electric & Power Company	05/13/92		
	tiame 5000 Dominion Blvu. Glen Allen, VA. 23080	Sheet uf		
olar	Address North Anna Power Station	Unit 2		
	Neme P.O. Box 402 Mineral, JA. 23117	Repair/Replacement Program 92-103		
Work Peri	Address Virginia Electric & Power Company	Rinelr Organization P.O. No., Joh No., etc. N/A Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date		
	Neme 5000 Dominion Blvd. Glen Allen, VA. 23060			
Lehn	Address Service Water			

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

 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19
 86 No Addemine Addemine
 Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture/	Manufacturer Serial No.	National Board No.	Other	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Mission	N/A	N/A	2-5W-84	N/A	Replaced	No
Va' ve	Mission	49234	N/A	2-SW-84	1985	Replacement	No

7. Description of Work_

Replaced check valve and associated bolting.

8. Tests Conducted:	Hydrostatic Pneumatic	Nominal Operating Pressure	VT-2
8. Tests Conducted:	Other Pressure	Nominal Operating Pressure	¥1-

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

(12/82)

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

÷

Remarks	ASME X1 Class 2.
	Applicable Menufacturer's Data Reports to be attached
	Replaced 16 ASME SA193 pr.87 stude
	And and an arms salida as on mide
and an extension of the second	Replaced 32 ASME GALGA gr.2H nute.
	Check valve, studs, and nuts were replaced due to corrosion/erosion.
annai - Can Colo Annai - Can Colo	
	CERTIFICATE OF COMPLIANCE
We ASME Code,	certify that the statements made in the report are correct and this conforms to the rules of the section X1
Type Code S	ymbol StampN/A
	N/A
Certificate of	Expiration Date
Signed Ow	vier of Owner's Designee, Title Date 19 Mary 10 92
	CERTIFICATE OF INSERVICE INSPECTION
I, the unders	Highed, holding a valid commission issued by the National Board of Boiler and Pressure Vessei Inspectors and the Sta Virginia Hartford Steam Boiler I & I Co.
OF FROVINCE C	and employed by
Service and successive et al.	er's Report during the period re/22/91 to 9/19/92 and state th
	of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the
	port in accordance with the requirements of the ASME Code, Section XI.
	ng this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning t
examination	is and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ le in any manner for any personal injury or property damage or a loss of any kind arising from or connected with t
m	and M. Arura Commissions VA424
	Inspector's Signature National Board, State, Province, and Endorsements
	5/18 19.92

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 21 of 54

FORM 118-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As i 'equired by the Provisions of the ASME Code Section XI

17

Owner Virginia Electric & Power Company	Date 04/26/92
Name 5000 Dominion Blvd. Glen Allen, VA. 23060 Address	Sheet11
Plant Korth Anna Power Station	Unit2
Nome P.D. Box 402 Mineral, VA. 23117	Repair/Replacement Program 92-109
Address	Repeir Organization F.O. No., Job No., etc.
Work Performed by Virginia Electric & Power Company Name 5000 Dominion Slvd. Slen Allan, VA. 23060	Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A
Address Identification of System	

(a) Applicable Construction Code 831.7 19 69 Edition, W 1970 Addenda, 78,81,83(R),115 Code Case (b) Applicable Edition of Section X1 Utilized for Repairs or Replacements 19 86 No Addenda 5. (a) Applicable Construction Code____

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Monufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	TRW Mission	N/A	N/A	2-SV-94	N/A	Replaced	No
Valve	TRW Mission	CA-451	N/A	2-58-94	1985	Replacement	No
and a constant of the second	-						
		and a second					

7. Description of Work_

Replaced check valve, studs, and nuts due to erosion/corrosion.

8. Tests Conducted: Hydrostatic 门 Pneumatic 🗌 Nominal Operating Pressure 🎽 Other Pressure _____psi Test Temp.____

S-1V

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

(12/82)

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

Remarks	ASME XI CLass 2.			
			Data Reports to be exteched	
	Replaced 1 Class 2 Duo	r check valve.		
	Replaced 16 ASTM A193	gr.87 studs.	and has according to the relation of the second state and the last of the	
-	Replaced 32 ASME SA194	gr.28 nuts.		
We ASME Code, I		CERTIFICATE OF CO made in the report are corre	State of the second sec	to the rules of the
PADITIL COURT				
Type Code Sy	mbol StampN/A		a a da la companya da serie d	
Certificate of	Authorization No. N/A		Expiration Date N/A	
Signed Own	er of Owner's Designee, Tit	Torenadar	Date 27 Apecil	10 92
		CERTIFICATE OF INSE	RVICE INSPECTION	
the second second second second	ned, holding a valid commi Virginia	ssion issued by the National and employed by	Board of Boiler and Presaure Vessel Inspa Hartford Steam Boiler 1 & 1 Co.	ectors and the Stat
	ford, CT		have inspected the con	Carl and the second second second
to the best of	my knowledge and belief,		examinations and taken corrective measu	res described in th
By signing examinations	this certificate neither the and corrective measures de	Inspector nor his employer escribed in this Owner's R	r makes any warranty, expressed or imple eport. Furthermore, neither the inspecto nage or a loss of any kind arising from or	ar nor his employe
m	and my thank	Commissio	ne VA428	
and successive design of the local data was the local data was the	Inspector's Signature	Contraction of the second s	National Board, State, Province, an	d Endorsements
	1	92		

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 22 of 54

		heb traderow -1		
-		Virginia Electric & Power Company		04/28/92 Date
١.	Owner	tiam e 5000 Dominion Blvd. Slen Allen, VA	. 23060	Sheet
	apparent Malerianeren	Address North Anna Power Stailon		2 Usit
2	Plant	Name P.O. Box 602 Mineral, 14. 23117		Repair/Replacement Program 92-110 Repair Organization P.O. No., Job No., etc.
	Carlanda de la construction de	Address Virginia Electric & Pow	er Company	Type Code Symbol Stemp H/A
0	Work Perfs	5000 Dominion Blvd. Gler Allen,	VA. 23060	Authorization No. R/A Expiration Date
		Address Service Water		
	4. Identificat	nion of System	69	W 1970 Addends 78,81,83(R),115 Code Cas

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Code Stamped (Yes or No)
		N/A	2-SW-104	N/A	Replaced	No
IRW Mission	N/P.			1000	need accomposit	No
TRW Mission	49237	N/A	2-5W-104	1985	Kebinen	
		1993				-
		1		4		1
	Manufacturer TRW Mission	Menufacturer Serial No. IRW Mission N/A	Name of Manufacturer Board No. No. 122 No. No. 122 No. N/A	Name of Manufacturer Manufacturer Serial No. Board No. Other Identification 1RW Mission N/A N/A 2-SW-104	Name of Manufacturer Manufacturer Serial No. Board No. Other Identification Year Built 1RW Mission N/A N/A 2-SW-104 N/A	Name of ManufacturerManufacturerNational Board No.Other IdentificationYear BuiltReplaced, or Replacement1RW MissionN/AN/A2-SW-104N/AReplacement

Replaced check valve, studs, and nuts due to erosion/corrosion.

7. Description of Work

8. Test+ Conducted: Hyr

Hydrostatic Pneumatic Nominal Operating Pressure Other [] Pressure_____psi Test Temp.____

V1-2

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

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

(12/82)

. Remarks	ASME XI Class 2.
	Applicable Manufacturer's Dete Reports to be attached Replaced 1 Class 2 Duo-check valve,
	Replaced 16 ASTM A193 gr.87 studs.
	Replaced 32 ASME SA194 gr_2H nuts.
We ASME Code,	CERTIFICATE OF COMPLIANCE certify that the statements made in the report are correct and this <u>R.placement</u> conforms to the rules of the Section X1. repair or replacement
Type Code Sy	mbol StampN/A
Signed	Authorization NoN/A Expiration DateN/A er or Owner's Designee, TitleDateR April19 92_
l, the undersig or Province of, Har	CERTIFICATE OF INSERVICE INSPECTION ned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State Virginia
Owner's Repor By signing t examinations a	have inspected the components described my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this t in accordance with the requirements of the ASME Code, Section XI. this certificate neither the Inspector nor his employer makes have warranty, expressed or implied, concerning the nd corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this
m	Park My Brac Commissions VA 424 Inspector's Signature Commissions National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 23 of 54

FORM NIS-2 OWNER	'S REPORT	FOR RE	PAIRS	ORR	IEPLACI	EMENTS
As Required by	the Provisio	ns of the	ASSO	Code	Section	XI

Owner	Virginia Electric & Power Company	06/03/92
	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet of 1
Pient	Address North Arma Pawer Station	Unit 2
	Name P.O. Box 402 Minerel, VA. 23117	Rep.ir/Replacement Program 92-113
Work Fert	Address Virginia Electric & Power Company	Repel: Organization P.O. No., Job No., etc. Type Code Symbol Stemp
	Neme 5000 Dominion Blvd. Glen Allen. VA. 23060	Authorization No. N/A Expiration Date
Identificat	Address Chemical and Volume Control	
	071 7 60	U 4070 78 84 83765 115

6. (a) Applicable Construction Code
 831.7
 19
 69
 Edition,
 W 1970
 Addende,
 78,01,03(8),113
 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19
 86 No Addende

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	A SME Code Stamped (Yes or No)
Valve	Rockwell Edwar	kis N/A	N/A	2-CH-255	N/A	Replaced	No
Valve	Conval Inc.	1759	N/A	2-CK-255	1991	Replacement	No

7. Description of Work_

Replaced 2-inch valve and associated piping due to erosion/corresion.

VT-2

B. Tests Conducted: Hydrostatic Pneumatic Vominal Operating Pressure Amb. °F

NOTE: Supplemental sheets in form of lists, skm ches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in itums 1 through 5 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82)

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

Kepi	sced (1) 2-		nturer's Data Reports to be attached box, and 2-inch piping.	
Replaced (1) 2-inch valve, (1) pipe elbow, and 2-inch piping. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this Replacement conforms to the rules of ASME Code, Section XI. Type Code Symbol Stamp N/A Expiration Date N/A Certificate of Authorization No. N/A Expiration Date N/A Signed Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Builer and Pressure Vessel Inspectors and the or Province of Virgin: Art ford Steam Boiler 1 & 1 Co. Reptired, CT have Inspected the components in the rules of Authorization of the components in the rules of the rules of the rules of the components in the rules of the rules of the components in the rules of the components in the rules of the components in the rules of the rules of the components in the rules of the components i				
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Wa certify	, that the stat		Replacement	ris to the rules of the
		N/A		
Type Code Symbol	Stamp an and	nengen einer Respirentersetten einer soner	and and a provide all the second statements and a statement of the second statement of the second statements of	
Certificate of Autho	rization No	N/A	Expiration Date N/A	linge lington and a state
104	Ø	CT	<i>T</i>	0.0
	Owner's Desid	PE (CCHWICIAN)	Date 1.2 2014	19 72
	a report of the contract of the same			
		CERTIFICATE OF	INSERVICE INSPECTION	The Construction of the Second Construction
or trovision pt	A state of the second state and the state of	and employed by	the state of the second s	disconstructions and and and a
in this Owner's Re	port during t	he period	2/28/82 to 4/ 8/82	and state the
	and a second second			and the second se
Owner's Report in a	coordance wit	h the requirements of the A	SME Code, Section X1.	
By signing this	certificate roli	ther the inspector nor his er	niployer makes any warranty, expressed or in	nplied, concerning th
	y menner for	any personal injury or prope	inty damage or a loss of any kind arising from	or connected with thi
ingeneerer.				
171	and m2			
	unbector's SID	neture	Wational Board, State, Province,	ena chaorsements

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 24 of 54

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

Owne-	Virginia Electric & Power Company	06/23/92
	Nama	
	5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet 1 of 1
and second	Address	A 1998 For the set of states of the second s
Plant	North Arma Power Station	Unit 2
	Name	APPEND Representation and second and characteristic region of their investigation and approximate
	P.O. E.J. 402 Mineral, VA. 23117	R/R Program 92-143, WO # 142949
	AC (fr #18	Repair Organization P.O. No., Job No., etc.
Mark D.	erformed by Virginia Electric & Power Company	Type Code Symbol Stamp N/A
and the second second	Nario	Authorization No.
	5000 Dominion Blvd. Glen Allen, VA. 23050	Expiration Date N/A
	Ad dress	EXPTOUTING OUT SAMPLE AND A STREET AND A S
and wanted	cation of System Safety Injection	

6. (a) Applicable Construction Code 831.7 19 69 Edition, V 1970 Addende, 76,81,83(R),115 Code Cese
 (b) Applicable Edition of Section X1 Utilized for Repairs or Replacements 19 56 No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or N
F'ange	Southwest Fab.	N/A	N/A	2-51-143	N/A	Replaced	No
Flange	Southwest Fab.	N/A	N/A	2-51-143	N/A	Replacement	No

7. Description of Work Replaced flange studs and nuts due to corrosion.

8. Tests Conducted. Hydrostatic Pneumatic Nominal Operating Pressure 000 psi Test Temp. 75 °F

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

(12/82)

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

Remarks	ASME XI Class 2.					
	Applicable Manufacturer's Data Reports to be attached Replaced 8 A193 Gr 87 studs.					
	Replaced 16 A194 Gr 2H nuts					
CERTIFICATE OF COMPLIANCE W. certify that the statements made bit the report are correct and this replacement conforms to the rule state code. Section X1. YPE Code Symbol Stamp N/A Tertificate of Authorization No. N/A CERTIFICATE OF INSSECTION Date N/A CERTIFICATE OF INSSECTION Intertificate of Authorization No. N/A CERTIFICATE OF INSSECTION Authorization issued by the National Board of Boiler and Pressure Vessel Inspectors and Province of Virginis Authorization and employed by Hartford Steam Boiler I & I Co. Hartford, CI have Inspected the components in this Owner's Report during the period 3/L/92 othes stort 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 X1. By signing this certificate neither the Inspector nor his employer makes any warranty, expresses or implied, cono xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his hall be liable in any manner for any personal injury or property damage or a loss of any kind						
	certify that the statements made to the report are correct and this replacement conforms to the rules of the					
Type Code Si	ymbol StampR/A					
Signed	Authorization No Expiration Date 24 June 19 92					
or Province o	/ Virginia and employed by Hartford Steam Boiler 1 & 1 Co.					
distance of the second second	have inspected the components described					
to the best o	I my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this					
examinations	and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed					
	Park M Reace Commissions VAY2Y Inspector's Signature National Board, State, Province, and Endorsements					
Date	June 24 19.82					

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 25 of 54

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

Owner	Virginia Electric & Power Company	D6/15/92
	Name	
	5000 Dominion Bivd. Glen Allen, VA. 23060	Sheet 1 of 1
-	Add.ess	A CARACT OF STREET, STORE & ST. STREET, ST.
mars	North Anna Power Stavion	Unit 2
a report of the	ienme	WY IT'S approximately the Contraction of the Contraction of the Contraction of American
	P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program 92-144
And in case of the local division of the	Address	Repair Organization P.O. No., Job No., etc.
Work P	Performed by Virginia Electric & Power Company	Type Code Symuol Stamp 6/A
PROFESSION 1	Nanie	Authorization No. N/A
	\$000 Dominion Blvd. Glen Allen, VA. 23060	Expire Ion Date N/A
	Address	Notes that the second
1. Acres 10	Ication of System Reactor Coolant	

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Rockweil	36-48726	N/A	2-RC-MOV-2586	1975	Replaced	No
Valve	Rockwell	36-48726	N/A	2-RC-MOV-2586	1975	Replacement	No

7. Description of Work

Replaced bolting due to heavy corrasion.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure 2235 Other Pressure psi Test Temp.

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

(12/82)

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

VT-2

Remarks	REME XI Class 1.
	Applicable Manufacturer's Data Reports to be strached Replaced 8 ASME SA193 gr.87 studs.
	Replaced 16 ASTM A194 gr. 2H nuts.
We cen ASME Code, Sec	CERTIFICATE OF COMPLIANCE tify that the statements made in the report are correct and this <u>Replacement</u> conforms to the rules of th tion XI.
Type Code Symb	ol StampN/A
Cartificate of Au Signed	thorization No. / MA S.P. Hamil ISI ENGR. Date June 15, 1992 or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
I, the undersigne or Province of	d, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S Virginia
	tford, CT have inspected the components description have inspected the components description of
to the best of m	by knowledge and belief, the Owner has performed examinations and taken corrective measures described in in accordance with the requirements of the ASME Code, Section XI.
examinations an shall be liable in inspection.	his certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning id corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ any manner for any personal injury or property demage or a loss of any kind arising from or connected with
mo	Inspector's Signature Commissions VAYAY Inspector's Signature National Board, State, Province, and Endorsement
Date	June 16 19 92

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 26 of 54

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

	Öwner 1	Virginia Electric & Power Company			05/20/92		
		Naine 5000 Dominion Blvd. 6			Sheet 1 of	1	
2	Plant	Address North Anna Power Stat	ion		Unit		
		Namie P.O. Box 40? Mineral,			Kepsir/Replacement	Program 92-153	
	Wash Parlorm	Addreas Virginia Electric & Power Company			Repair Organization P.C. No., Job Nc., etc. Type Code Symbol Stamp		
. 14	Nork Performed by		60	Authorization No.			
	Identification	Address Reactor	Coolant		CAPITOLINI LARE MANAGEMENT		
	(a) Applicable	Construction Code	831.7 69	Edition	¥ 1970 Addenda, 78	,81,83(R),115 Code Ca	

86 No Addenda, 78 5. (a) Applicable Construction Code _____19 ____19 ____19 ____19 (b) Applicable Edition of Section XI Utilized for Repairs or Heplacements 19_

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Dresser	BM-06921	N/A	2-RC-SV-2551C	1970	Replaced	No
Valve	Dresser	BM-06921	N/A	2-RC-SV-2551C	1970	Replacement	No

Replaced one stud due to erosion/corrosion. 7. Description of Work

8. Tosts Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Conter Pressure psi Test Temp.

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

(12/82)

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

VT-2

Remirks ASME XI Class 1.	
	Applicable Manufacturer's Data Reports to be ettached
Replaced 1 ASTM A	193 gr. B16 stud.
	CERTIFICATE OF COMPLIANCE
We certify that the statement	s made in the report are correct and this Replacement contorms to the rules of the
ASME Code, Section X1.	repair or replacement
Type Code Symbol Stamp	N/A
Certificate of Authorizetion No.	N/A Expiration Date N/A
All	
Signed (ZG SRTL	ECHNICIAN Dore 21 May 18.92
Owner or Owner's Designee, T	Title
	CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid comm	nission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat
or Province of Virginia	and employed by Hartford Steam Boiler I & I Coo
Hartford, CT	nod 3/5/42 to 4/21/82 and state the
in this Owner's Report during the per	1003/5/42 to 4/21/82, and state the
to the best of my knowledge and belie	f, the Owner has therformed examinations and taken corrective measures described in th
Gwner's Report in accordance with the	requirements of the ASME Code, Section XI.
By signing this certificate neither th	a Inspector nor his employer makes any warranty, expressed or implied, concerning th
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 pe	ersonal injury or property damage or a loss of any kind arising from or connected with th
Inspection.	
Mark M. Grad	2. Commissions VA 424
Inspector's Signature	National Board, Stata, Province, and Endorsements
DateMay 21 1	992

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 27 of 54

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

Owner	Virginia Electric & Power Company	Date	
	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet 1 of 1	
Plent	Address North Anna Power Station	Unit 2	
- TOTTA ALEMAN	Name P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Pr	ogram 92-168
Work Per	Address Virginis Electric & Power Company	Repair Organization P.O. N Type Code Symbol Stamp	N/A
	Neme 5000 Dominicn Blvd. Glen Allen, VA. 23060	Authorization No.	N/A N/A
1.4	Address Service Water		

 S. (a) Applicable Construction Code
 ASME
 19
 68
 Edition
 Draft
 Addenda
 None
 Code Case

 (b) Applicable Edition of Section X1 Utilized for Repairs or Replacements 19
 86 No Addenda
 Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No,	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Vaive	Ailis-Chalmers	67113-1	N/A	2-5W-MOV-203A	1971	Replaced	No
Valve	Allis-Chalmers	67113-1	N/A	2-5W-MOV-203A	1971	Replacement	No
		1.1.2.1					

. Description of Work Machined shaft bores and machined new shaft sleeves.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure 80 psi Test Temp. 67 F VT-2

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

(12/82)

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

Romarks	ASME XI CLASS 2.							
	Applicable Manufecturer's Data Reports to be actached							
	The valve body shaft penetration was bored to accept a new stainless steel							
••••••••••••••••	riseve to replace the old fiberglass sleeve.							
	The new sleeve is retained by an interference fit with the valve body.							
	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 the repair or replacement							
Type Code S	ymbol Stamp							
Certificate of	Authorization No. N/A Expiration Date N/A							
Signed Ow	Les Se Texture and Date 22 May 1992							
	CERTIFICATE OF INSERVICE INSPECTION							
	igned, holding a velid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat of Virginia and employed by Hartford Steam Boiler 1 & 1 Co.							
	artford, CT have inspected the components describe er's R- ort during the period							
to the best o	of my knowledge and belief, the Owne. has performed examinations and taken corrective measures described in the ort in accordance with the requirements of the ASME Code, Sr. tion XI.							
examination	g this certificate neither the Inspector nor his employer takes any warranty, expressed or implied, concerning th and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employe e in any manner for any personal injury or property damage or a loss of any kind arising from or connected with th							
m	Park M Acaa Commissions VA424 Inspector's Signature National Board, State, Province, and Endorsements							
Date	Mag 26 1092							

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 28 of 54

FORM NIS // OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Cude Section XI

Owner	Virginia Electric & Power Company			Dete		06/01/92
	Name 5000 Dominion Blvd. Gleb	kilen, VA. 23	060	Shuet	1	8
Plant	Address North Anna Power Station			Unit	2	
	P.C. Box 402 Mineral, VA	. 23117			Repair/Repli	acement Program 92-169
Work Par	Address Virginia Electric & Power Company		supariy	Repair Organization P.O. No., Job Type Code Symbol Stamp		N/A
Work Perfo	5000 Dominion Bivd. til	me en Allen, VA.	23060	Authorization No.		6/A N/K
Lanotifica	Address Service W	ster		- April Bills		

5. (a) Applicable Construction Code _________19 _____Edition, ______Erert ______Addende, ______Code Cele
 [b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 _______E6 No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No,	National Board No.	Other identification	Year Built	Repaired, Replaced, or Replacement	ASK'c Code Stamped (Yes or No)
Valve	Allis-Chalmers	67113-2	N/A	2-5W-MOV-2038	1971	Replaced	No
Valve	Allis-Chalmers	67113-2	N/A	2-50-407-2038	1971	Replacement	No

7. Description of Work

Machined shaft bores and machined new shaft sleeves.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure 0 Other Pressure psi Test Temp. VT-2

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

(12/82)

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

Remarks Applicable Manufacturer's Date Reports to be establed The volve body shaft penetration was bored to accept a new stainless steel aleeve to replace the old fiberglass sleeve. The new sleeve is retained by an Interference fit with the valve body. CERTIFICATE OF COMPLIANCE We certify 15:st the statements made in the report are correct and this Replacement contorms to the ASME Code, Section X1. Type Code Symbol Stamp N/A Signed Authorization No. N/A CERTIFICATE OF INSERVICE INSPECTION Additional of the N/A Signed Authorization No. N/A CERTIFICATE OF INSERVICE INSPECTION Authorization No. N/A CERTIFICATE OF INSERVICE INSPECTION Authorization No. N/A CERTIFICATE OF INSERVICE INSPECTION It to undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors or Province of Virginia and employed by Authorization multimeter period J/V/2 N/A CER	
aleeve to replace the old fiberglass sleeve. The new sleeve is retained by an interference fit with the value body. CERTIFICATE OF COMPLIANCE We certify tool the statements made in the report are correct and this <u>Replacement</u> conforms to the ASME Code, Section XI. Type Code Symbol Stame N/A CERTIFICATE OF COMPLIANCE We certify tool the statements made in the report are correct and this <u>Replacement</u> conforms to the ASME Code, Section XI. Type Code Symbol Stame N/A Certificate of Authorization No. N/A Expiration Date Journer of Owner's Designee, Title Date Certificate of Authorization No. N/A Expiration Date N/A Expiration Date Owner of Owner's Designee, Title Date Certificate of inspection N/A ERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors or Provines of Virginia and employed by <u>Nartford Steam Boiler 1 & 1 Co.</u> Nartford, FT in this Owner's Report during the period 3/2/22_10 Y/46/92	
The new sleeve is retained by an interference fit with the velve body. CERTIFICATE OF COMPLIANCE We certify Est the statements made in the report are correct and this	
The new sleeve is retained by an interference fit with the velve body. CERTIFICATE OF COMPLIANCE We certify Est the attements made in the report are correct and this	
CERTIFICATE OF COMPLIANCE We certify 1:51 the statements made in the report are correct and this	
We certify the statements made in the report are correct and this	-
We certify tSt the statements made in the report are correct and this <u>Replacement</u> conforms to the repair or replacement. ASME Code, Section X1. Type Code Symbol Stamp <u>N/A</u> Certificate of Authorization No. <u>N/A</u> Signed <u>J.M.</u> Signed <u>J.M.</u> Signed <u>A.M.</u> Signed <u>A.M.</u> CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors of or Province of <u>Virginia</u> and employed by <u>Hartford Steam Boller 1 & 1 Co.</u> Kartford, CT in this Owner's Report during the period <u>3/2/22</u> to <u>7/14/122</u> , and to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, core examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor shall be liable in any manner for any personal injury or property damage or a los, of any kind arising from or connect	
ASME Code, Section X1. Type Code Symbol Stamp	
Certificate of Authorization No. N/A Expiration Date N/A Signed A. Hauman TST Engineer Date June June L, CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors to or Province of Virginia and employed by Hartford Steam Boller 1 & 1 Co. Hartford, CT	rules of the
Signed	
Signed Animal ISI Figurer Date Jone Jone <td< td=""><td></td></td<>	
I, the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors in or Province of <u>Virginia</u> and employed by <u>Hartford Steam Boiler 1 & 1 Co.</u> <u>Hartford, CT</u>	19.92
br Province of <u>Virginia</u> and employed by <u>Hartford Steam Boiler 1 & 1 Co.</u> <u>Hartford, CT</u>	
in this Owner's Report during the period <u>3/9/92</u> to <u>9/16/92</u> , and to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures des Owner's Raport 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, co examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor shall be liable in any manner for any personal injury or property damage or a los, of any kind arising from or connect	s and the Stat
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures des Owner's Raport 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, co examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor shall be liable in any manner for any personal injury or property damage or a los, of any kind arising from or connec	ents describe and state the
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, co examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor shall be liable in any manner for any personal injury or property damage or a los, of any kind arising from or connec	
examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor shall be liable in any manner for any personal injury or property damage or a los, of any kind arising from or connect	
	r his employe
Mark M. Hear Commissions VAY24	
Inspector's Signature Commissions National Board, State, Province, and Ende	dorsements

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 29 of 54

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

Owner	virginia Electric & Power Company	Date 05/22/92
	Name	The second
	5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet 1 of 1
-	Ad dr 868	W THE EXPERIMENTAL AND A DESCRIPTION OF THE PARTY OF THE
Plant	North Anna Power Station	Unit 2
	Name	
	P.O. Box 402 Mineral, VA 23117	Repair/Replacement Program 92-170
philippe in a	Address	Repair Organization P.O. No., Job No., etc.
Work F	Performed by Virginia Electric & Power Company	Type Code Symbol Star.o. N/A
	Name	Authorization No.
	5000 Dominion Blvd. Glen Allen, VA. 23060	Expiration Date N/A
	Adress	THE CONTRACTOR OF THE ADDRESS OF THE DESIGN
1. Anna 14	fication of System Service Water	

 5. (a) Applicable Construction Code
 ASME
 19
 68
 Edition
 Draft
 Addende
 None
 Code Case

 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19
 86
 No
 Addende
 Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Menufasturer Serial No.	Netional Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Allis-Chaimers	67113-3	N/A	2-5W-MOV-2030	1971	Replaced	No
Valve	Ailis-Chalmers	67113-3	N/A	2-SW-MOV-2030	1971	Replacement	No

7. Description of Work Machined shaft bores and machined new shaft sleeves.

8. Tests Conducted: Hydrostatic Presure Nominal Operating Pressure Other Pressure 80 psi Test Temp. 67 °F V1-2

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

(12/82)

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

Flemarks	ASME XI lass 2.			an a	
		Applicable Manu	acturer's Da	to Reports to be etteched	
-	The valve tay a	heft penetration was	bored to	accept a new stairless stee	el
-	sleeve to replac	e the old fiberglass	sleeve.	and the second second second	
	The new sleeve i	s retained by an int	erference	fit with the valve body.	
		CERTIFICAT	E OF COMP	LIANCE	
We o ASME Code, S		ients made in the report i	are correct a	nd this confo repair or replacement	irms to the rules of the
Type Code Syn	ibol Stamp	N/A			
Certificate of A	uthorization No	N/A		xpliation DateN/A	
Signed Own	Le Services	TECHNICKEN 10, TILLE		Date 22 May	19_92_
		CERTIFICATE O			norvenskolare, kole skoleren i og segenskole
or Province of.				rd of Boiler and Pressure Vessel artford Steam Boiler 1 & 1	<u>Co.</u>
		marind	3/9/92	to Y/16/92	components describe
to the best of	my knowledge and b	ellef, the Owner has per	formed exer	ninations and taken corrective m	
		the requirements of the J			formula de la construction de
examinations a	nd corrective measu	res described in this Ov	ener's Repor	kes any warranty, expressed or t. Furthermore, neither the Ins or a loss of any kind arising from	pector nor his employs
m	Park M. A Ira-rotaria Signa	France Co	immissions	UH H2Y National Board, State, Provinc	e, and Endorsements
-	May 26	19.92			

Docket Number: 50-339 Serial Number: 92~442 Attachment 2 Page 30 of 54

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

Owner	Virginia Elect 🐇 🕴 Power Company	06/09/92 Date
	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet of 1
Plant	Address North Anna Power Station	Unit2
	Name P.O. Box 402 Minerel, VA. 23117	Repair/Replacement Program 92-171
Work Pr	Address Virginia Electric & Power Company	Repair Organization P.O. No., Job No., etc. N/A Type Code Symbol Stamp
WORK P	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Authorization No. N/A
Identific	Address Service Water	
	ASME 68	Draft None

5. (a) Applicable Construction Code _______19 ___Edition ______66 Ks Addenda ______Code Case (b) Applicable Edition of Section XI C Ilized for Regains or Replacements 19 ______

6. Identification of Components Rs, aired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Coher Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Vaive	Allis-Chalmers	67115-4	N/A	2-5W-MOV-203D	1971	Replaced	No
Valve	Allis-Chaimers	67113-4	N/A	2-5W-MOV-2030	1971	Replacement	No
			tin ges i e se en anna anna				

Machined shaft bores and machined new shaft sleeves.

7. Description of Work_

Machined shart cores and machined new shart steever

8. Tests Conducted: Hydrostatic Pneugiatic Nominal Operating Pressure Other Pressure psi Test Temp. *

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

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASI 45 E, 47th St., New York, N.Y. 10017

VT-2

Remarks	ASME XI Class 2.
	Applicable Manufacturer's Data Reports to be ettached The valve body shaft penetration was bored to accept a new stainless steel
	sleeve to replace the old fiberglass sleeve.
	The new sieeve is retained by an interference fit with the valve body.
We ASME Code, 1	CERTIFICATE OF COMPLIANCE certify that the statements made in the report are correct and this Replacement section X1.
Type Code Sy	mbol StampN/A
Signed	Authorizetion No. N/A Expiration Date N/A <u>SETECTIVICIAN</u> Date <u>F</u> JJre 19.92 ner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
or Province of	tford CT
to the best of	have increated the components described r's Report during the period
examinations	this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning th and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ- in any manner for any personal injury or property damage or a loss of any kind arising from or connected with th
	Nark M Arece Commissions VAY24 Inspector's Signature National Board, State, Province, and Endorsements
Date	JUNE 8 19.82

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 31 of 54

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

Owrar	Virginia Electric & Power Company	Oate05/22/92
	Nume 5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet 011
Plant	Addrew North Anna Power Station	Unit2
	Name P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program 92-172
Work Per	Address formed byVirginis Electric & Power Company Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Pepair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A
Identifica	Address Service Water	

5. (a) Applicable Construction Code ASME 19 68 Edition, Draft Addenda, None Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 56 No. Addenda

6. Identification of Compr Repaired or Replaced and Replacement Components

t - se of Cu, ponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Allis-Chalmers	67113-5	N/A	2-5W-MOV-204A	1971	Replaced	No
Valve	Allis-Chaimers	67113-5	N/A	2-SW-MOV-204A	1971	Replacement	No
					-		

7. Description of Work

Machined shaft bores and machined new shaft sleeves.

8. Tests Conducted: Hydrostatic Pressure 80 psi Test Temp. 67 F

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

(12/82)

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

V1-2

Remarks	ASME XI Class 2.							
	Applicable Manufacturer's Data Reports to be attached							
	The valve body shaft penetration was bored to accept a new stainless steel							
	sleeve to replace the ol- fiberglass aleeve.							
	The new sleeve is retain by an interference fit with the valve body.							
We ASME Code.	CERTIFICATE OF COMPLIANCE certify that the statements made in the report are correct and this <u>Replacement</u> conforms to the rules of the Section X1							
Type Code Sy Certificate of	mbol StempN/A							
Signed Own	Ale Setermician Dete 22 May 19.92							
	CERTIFICATE OF INSERVICE INSPECTION							
or Province of	gned, holding a valid commission issue, by the National Board of Boller and Pressure Vossel inspectors and the Stat Virginia and amployed by Hartford Sterm Boiler J & 1 Co. rtford, CT have inspected the components describe							
to the best of	rtford, CT have inspected the components describe r's Report during the period <u>3/7/76</u> to <u>7/16/96</u> , and state the f my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this ort in accordance with the requirements of the ASME Code, Section X1.							
examinations shall be liable inspection.	this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, converning th and corrective measures described in this Owner's Report Furthermore, neither the Inspector nor his employed in any manner for any personal injury or property damage or a loss of any kind wrising from or connected with this and man for any personal injury components damage or a loss of any kind wrising from or connected with the commissions in the track of the track.							
Date	Inspector's Signature National Board, State, Province, and Endorsements							

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 32 of 54

Owner	Virginia Electric & Power Company	06/ Date	109.192
Critici	Name 5000 Dominion Bly Glen Allen, VA. 23060	1 Sheet of	1
Plant	Address North Anna Power Station	Unit 2	
	Name F.D. Box 402 Mineral, VA. 23117		ent Program 92-173
Mark Dar	Address Virginia Electric & Power Company	Repair Organization	P.O. No., Job No., etc. N/A
PROFE PRI	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Authorization No.	N/A K/A
	Address Service Water	e Aprilation Mate managements	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section X1

5. (a) Applicable Construction Code ASME 19 68 Edition, Draft Addenda, Nove Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Rapiacements 19

6. Identification of Components Repaired or Replaced and Replacement Components

Name o! Component	Name of Manufacturer	Manufacturer Serial No.	Netional Board No.	Other Identification	Year Built	Ria, d. Repla. d. or Replacement	ASME Code Stamped (Yes or No)
Valve	Allis-Tholmers	67113-6	N/A	2-50-MOV-2048	1971	Replaced	No
Valve	Allis-Chalmers	67113-6	N/A	2-59-MOV-2048	1971	Replacement	No

7. Description of Work Machined shaft bores and machined new shaft sleeves.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X Other Pressure 80 psi Test Temp. 67 °F VT-2

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

(12/82)

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Remarks	ASME XI Class 2.						
	Applicable Manufacturer's Data Reports to be attached The valve body shaft penetration was bored to accept a new stainless steel						
	sleeve to replace the old fiberglass sleeve.						
-	The new sleeve is retained by an interference fit with the valve body.						
We	CERTIFICATE OF COMPLIANCE In certify that the statements made in the report are correct and this Replacement conforms to the rules of the						
ASME Code	PRESERVE THE PRESERVE AND A DESCRIPTION OF						
Type Code S	Ymbol StampN/A						
Certificate of	Authorization NoN/AExpiration DateN/A						
Signed Ow	uner of Owner's Designee, Title Dete June 9 1992						
	CERTIFICATE OF INSERVICE INSPECTION						
	igned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat						
	of						
in this Own	er's Report during the period 3/9/92 to 4/16/92 and state the						
	of my knowladge and belief, the Owner has performed examinations and taken corrective measures described in th						
Owner's Rep	ort in accort ince with the requirements of the ASME Code, Section X1.						
By signin	g this certificate neither the Inspector nor Lis employer makes any werramy, expressed or implied, concerning th						
	and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employ a in any manner for any personal injury or property damage or a loss of any kind arising from or connected with th						
	Tark M. Hear Commissions VA 724 Inspector's Signature National Board, State, Province, and Endorsements						
Date	June 9 19.42						

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 33 of 54

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

Owner	Virginia Electric & Power Company	Date 05/22/	/92
	Name		
	5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet 1 of	1
California Arrivation area	Address	Sectory Contraction and Sectory and Sector	
Plant	North Anna Power Station	Unit 2	
r torri e. and	Name		
	P.O. Box 402 Mineral, VA. 25117	k-pair/Replacement	Program 92-174
	Address	Repair Organization P.C	No., Job No., etc.
Work Per	formed by Utrginia Electric & Power Company	Type Code Symbol Stamp	N/A
ALOIK TOI	Name	Authorization No.	N/A
	5000 Dominion Blvd. Glen Allen, VA. 23060	Expiration Date	N/A
	Address	and the second s	
and the second	tion of System Service Water		

 5. (a) Applicable Construction Code
 ASME
 19
 68
 Edition
 Draft
 Addende
 None
 Code Case

 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19
 66
 No
 Addende
 Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Allis-Chaimers	67113-7	N/A	2-SW-MOV-204C	1971	Replaced	No
Valve	Allis-Chalmess	67113-7	N/A	2-SW-MOV-204C	1971	Replacement	No

7. Description of Work Machined shaft bores and machined new shaft sleeves.

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

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

V1-2

Remarks	ASME X1 Class 2.						
	Applicable Manufacturer's Data Reports to be attached						
	The valve body shaft penetration was bored to accept a new stainless steel						
-	slag e to replace the old fiberglass sleeve.						
	The new sleeve is retained by an interference fit with the valve body.						
	CERTIFICATE OF COMPLIANCE						
We ce ASME Code, Se	rtify that the statements made the report are correct and this <u>Replacement</u> conforms to the rules of the repair or replacement ction XI.						
Type Code Sym	bo! StampN/A						
Certificate of Au	thorization No. N/A Expiration Date N/A						
sigr DZ	or Owner's Designoe, Title Date 22 May 1992						
	CERTIFICATE OF INSERVICE INSPECTION						
DF COLOR OF							
	Report during the period 3/2/22 to 4/16/22, and state the						
	to the best of my knowledge and belief, the Owner has performed examinations and taken cc. ective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section X1.						
	his certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning th						
examinations an	id corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employing any manner for any personal injury or property damage or a loss of any kind arising from or connected with the						
m	Inspector's Signature Commissions VAY2Y National Board, State, Province, and Endorsements						
Date	May 26 19.92						

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 34 of 54

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

	Owner	Virginia Electric & Power Company	06/01/92		
		Name 5000 Dominion Blv2. Glen Allen, VA. 23060	Sheet of		
1	Plant	Address North Anna Power Station	Unit 2		
		Name P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program 92-175		
-	Work Perfo	Address Virginia Electric & Power Company	Repair Organization P.O. No., Job No., et N/A		
	WORK PERIC	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A		
	Identificat	Address Service Water			
	(a) Applic	able Construction CodeASME19Edition	Draft Addenda Code		

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Manufacturer	Manufac⁺urer Sarial No,	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASM5 Code Stamped (Yes or No)
Allis-Chalmers	67113-8	N/A	2-SW-MOV-2040	1971	Replaced	No
Allis-Chaimers	67113-8	N/A	2-SW-MOV-2040	1971	Replacement	No
	Manufacturer Allis-Chalmers	Manufacturer Sarial No. Allis-Chalmers 67113-8	Name of Manufacturer Manufacturer Sarial No. Board No. Allis-Chalmers 67113-8 N/A	Name of Manufacturer Manufacturer Serial No. Board No. Other Identification Allis-Chalmers 67113-8 N/A 2-SW-MOV-2040	Name of Manufacturer Manufacturer Board No. Other Year Identification Year Built Allis-Chalmers 67113-8 N/A 2-SW-MDV-204D 1971	Name of Manufacturer Manufacturer Board Serial No. Other No. Other Identification Year Built Replaced, or Replacement Allis-Chalmers 67113-8 N/A 2-SW-MOV-204D 1971 Replaced

7. Description of Work______ Machined shaft bores and machined new shaft sleeves.

8. Tests Conducteo: Hydrostatic Pneumatic Nominal Operating Pressure K Other Pressure psi Test Temp. F

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

(12/82)

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

Remarks	ASME XI Class 2.
	Applicable Manufacturer's Data Reports to be attached The valve body shaft penetration was bored to accept a new stainless steel
	sleeve to replace the old fiberglass sleeve.
	The new sleeve is retained by an interference fit with the valve body.
We cr ASME Code, Se	CERTIFICATE OF COMPLIANCE ertify that the statements made in the report are correct and this <u>Replacement</u> conforms to the rules of the ection XI.
Type Code Sym	nbol StampN/A
Signed	CERTIFICATE OF INSERVICE INSPECTION
or Province of_	hed, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat Virginia and employed by Hartford Steam Boiler I & I Co.
California and a second s	s Report during the period 3/2/72 to 7/16/92 end state the
to the best of r	my knowledge and belief, the Owner has performed examinations and taken corrective measures described in that in accordance with the requirements of the ASME Code, Section XI.
examinations a	this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning th ind corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employing In any manner for any personal injury or property damage or a loss of any kind arising from or connected with th
	Mort M. Here Commissions VA424 Inspector's Signature National Board, State, Province, and Endorsements
Date	<u></u>

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 35 of 54

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

Owner	Virginia Electric & Power Company	05,104/92		
Owner Plent	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet 1 of 1		
Pient	Address North Ann. Power Station	Unit 2		
Contra antina antina	Neme P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program 92-187		
Work Per	Eddress Virginia Electric & Power Company	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A		
	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Aut' prizetion No. N/A N/A N/A		
Identifier	Address Safety Injection			

(a) Applicable Construction Code 831.7 19 59 Edition, W 1970 Addenda, 78,81,83(R),115 Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 No. Addenda 5. (a) Applicable Construction Code____

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Aloyco	N/A	N/A	2 - 51 - 1	N/A	Replaced	No
Valve	Aloyco	N/A	N/A	2-51-1	N/A	Replacement	No

7. Description of Work

Replaced 16 studs due to erosion/corrosion.

8. Tests Conducted: Hydrostatic 🔄 Pneumatic 🗌 Nominal Operating Pressure 🌅

Other Pressure_____psi Test Temp._____

VT-2

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

(12/82)

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

Remarks	ASME XI Class 2.
	Applicable Manufacture.'s Data Reports to be attached
	Replaced 16 ASME SA193 gr.B7 studs.
	CERTIFICATE OF COMPLIANCE
	certify that the statements made in the report are correct and this
ASME Code,	Section XI.
	N/A
Type Code Sy	/mbol Stamp
	Authorization N/A
Cartificate of	Authorization No. N/A Expiration Late N/A
. 14	Him Setermician Date 5 May 1992
Signed	ner or Owner's Designee, Title Date
and the set of the state of the second set	CERTIFICATE OF INSERVICE INSPECTION
I, the undersig	gned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta
or Province of	Unavisor Barton Alter Alter Alter Alter
H	art ford, CT
in this Owner	have inspected the components describe r's Report during the period $3/11/92$ to $4/22/92$, and state the
	f my knowledge and belief, the Owner has performed examinations and taken corrective measures described in th
Owner's Repo	ort 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 ti
Contraction of the second second	and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ
	in any manner for any personal injury or property damage or a loss of any kind arising from or connected with th
inspection.	
m	Part 12 Arna Commissions VA 424
	Inspector a Signature National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 36 of 54

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

Owner	Virginia Electric & Power Company	04/27/92
	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet 1 of 1
Plant	Address North Anna Power Station	Unit
C INTEL STREET	Name P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program 92-191
Work Pert	Address Virginia Electric & Power Company Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A
Identifica	Address Chemical and Volume Control	

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Composent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Buin	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Masoneilan	N/A	N/A	2-CH-TCV-2143	N/A	Replaced	NO
Valve	Masoneilan	N/A	N/A	2-CH-TCV-2143	N/A	Replacement	No

7. Description of Work

Replaced flange and bonnet bolting on valve.

8. Tests Conducted: Hydrostatic Pneumatic Norninal Operating Pressure Other Pressure psi Test Temp.

V1-2

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

(12/82)

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

	Applicable Manufacturer's Data Reports to be attached Replaced 24 CS A193 gr.87 studs and 48 CS A194 gr.28 hulls on bonnet and flanges.
	Repreced an en Arro graen area an an en Arra graen mero ori consist area reangest
	CERTIFICATE OF COMPLIANCE
W	e certify that the statements made in the report are correct and thisReplacement conforms to the rules of th
ASME Code	, Section XI. repair or replacement
Type Code I	Symbol StampN/A
Type code :	aymour oramp
Certificate c	Authorization No. N/A Expiration Date N/A
/	
Signed	Where to Owner's Designee Title Outer 28 April 19.92
	wher & Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
I, the under	signed, holding a valid commission issued by the National Board of Boiler and Pressure 'asset inspectors and the St
or Province	of Virginiaand employed by Kartford Steam Boiler I & I Co.
H	antford, CT have inspected the components descri
in this Own	ner's Report during the period
to the best	of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in
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
examinatio	ns and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his emplo
shall be lial	ale in any manner for any personal injury or property dar. we or a loss of any kind arising from or connected with
inspection.	
	m 1 m N
	Val M State Commissions VAY2Y
	Inspector's Signature National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 37 of 54

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

1	Owner Virgin	ia Electric & Power Company	06/29/92			
		Name ominion Blvd. Glen Allen, VA. 23060	Sheet of 1			
2	Plant North	Address Anna Power Station	Unit 2			
		Nerra ox 402 Mineral, VA. 23117	Repair/Replacement Program 92-192			
	Work Performed by	Address Virginia Electric & Power Company	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A			
		Name Dominion Blvd. Glen Allen, VA. 23060	Authorization No N/A Expiration Date			
4.	Identification of Sy	Address Chemical and Volume Control				
5.	(a) Applicable Con	struction Code19 69 Edit	V 1970 78,81,83(R),115 Code Ca			

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Masoneilan	N/A	N/A	2-CH-HCV-2244	N/A	Replaced	No
Valve	Masoneilan	N/A	N/A	2-CH-HCV-2244	N/A	Replacement	No

Replaced 12 studs and 24 nuts due to erosion/corrosion. 7. Description of Work

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Preseure V7-2 Other Pressure psi Test Temp.__

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

(12/82)

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

	Applicable Manufacturer's Data Reports to be attached
	Replaced 12 ASTM A193 gr.87 studs.
	Replaced 24 ASME SA194 gr.2H nuts.
	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 the Section X1. repair or replacement
Type code Sy	mbol StampN/A
Certificate of	Authorization No. // N/A Expiration Date N/A
Signed Ow	Authorization No Expiration Date N/A P. Han ISI ENGR Date JUNE 29 19 92 Nat 2r Owner's Designeel Title
	CERTIFICATE OF INSERVICE INSPECTION
or Province of	
which is successful to be a succ	tford, CThave inspected the components describ 's Report during the period and state th
	my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the rt in accordance with the requirements of the ASMF Code, Section XI.
	this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning t
examinations	and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ in any manner for any personal injury or property damage or a loss of any kind arising from or connected with th
	Inspector's Signs ure Commissions VE 424 Inspector's Signs ure National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 38 of 54

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section X1

. Owner	Virginia Electric & Power Company	04/30/92 Date
	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet of
Plant	Address North Anna Power Station	Unit 2
r rain	Name P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program 92-200
Work Pa	Address Virginia Electric & Power Company	Repair Organization P.O. No., Job i.o., etc. Type Code Symbol Stamp
HUIK I'S	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Authorization NoN/A
Identific	Address Component Cooling	Expitation Date
(a) App	licable Construction Code 631.7 19 69 Edition	W 1970Addenda,78,81,83(R),115Code

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19______86 No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Mission	158182	N/A	2-00-194	N/A	Replaced	No
Valve	Mission	158182	N/A	2-00-199	N/A	Replacement	No

7. Description of Work Replaced studs and nuts due to corrosion/erosion.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Cother Pressure psi Test Temp. _____ °F

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

(12/82)

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

VT-2

RemarksASME X1 Class 2.	and a set of sectors in the later of the sector of the sec
	olicable Manufacturer's Data Reports to be attached
Replaced 16 ASME SA193 g	IF.67 STUDS.
Replaced 32 ASTM A194 gr	.7 nuts.
Valve's location was swi	tched from 2-00-194 to 2-00-199.
	CERTIFICATE OF COMPLIANCE
We certify that the statements made ASME Code, Section X1.	in the report are correct and this Replacement conforms to the rules of the repair or replacement
Type Code Symbol Stamp N/A	
Certificate of Authorization No. 4 N/A	Expiration Date N/A
Signed P. Hamil IST Owner or Owner's Designee, Title	Engineer Doto April 30 19-92
CER	TIFICATE OF INSERVICE INSPECTION
or Province of Virginia and e	issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat employed by
Hartford, CT n this Owner's Report during the period	have inspected the components describe
	Owner has performed examinations and taken corrective measures described in th
Owner's Report in accordance with the requirer	ments of the ASME Code, Section XI.
examinations and corrective measures describe	actor nor his employer makes any warranty, expressed or implied, concerning the ed in this Owner's Report. Furthermore, neither the Inspector nor his employed injury or property damage or a loss of any kind arising from or connected with th
Mal M Arura Inspector's Signature	Commissions VA424 National Board, State, Province, and Endorsements
Date 4/30 19.92	

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 39 of 54

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

Owner Virgin	ia Electric & Power Company	Date		04/30/92
	Name ominion Blvd, Glen Ailen, VA. 23060		1 of	1
Plant North /	Address Anna Power Station	Unit	2	
	Name ox 402 Mineral, VA. 23117	Critic acoust		cement Program 92-201
Work Performed by	Addreas Virginia Electric & Power Company		Repair Organizat ode Symbol Stam	tion P.O. No., Job No., etc. N/A
	Name Dominion Blvd. Glen Allen, VA. 23060	Authoria	zation Mn.	N/A
Identification of Syste	Address Component Cooling			

6. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addenda, 76,81,83(R),115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Misston	50535	N/A	2-cc-199	N/A	Replaced	No
Valve	Mission	50535	N/A	2-CC-194	N/A	Replacement	No

7. Description of Work______ Replaced studs and nurs due to corrosion/erosion.

8.	Tests Conducted:	Hydrostatic Pneumatic	Nominal Operating Pressure	
		Other Pressure	psi Test Temp. °F	V1-5

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% in. x 11 in., (2) information in items 7 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82)

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

		A 1945.00	44.4	100.0	A	20.0
PK	Barnacka	ASME	X 5	1211	855	6 .

Applicable Manufacturer's Data Reports to be attached Replaced 16 ASME SA193 gr.87 studs and 32 ASTM A194 gr.7 nuts.

Valve's location was switched from 2-CC-199 to 2-CC-194.

We certify that the statements made in the re ASME Code, Section X1.	ICATE OF COMPLIANCE port are correct and this Replacement conforms to the rules of the repeir or replacement
Type Code Symbol StampN/A	
Certificate of Authorization/No / N/A	Expiration DateN/A
signed IP Hamil ISI E	Engineer Date April 30 1992
	ATE OF INSERVICE INSPECTION y the National Board of Boiler and Pressure Vessel Inspectors and the State d by
Hartford, CT	have inspected the components describe
Hartford, CT	
Hartford, CT in this Owner's Report during the period	3/16/82.0 3/22/92 , and state the
Hartford, CT in this Owner's Report during the period to the best of my knowledge and belief, the Owner h	as performed examinations and taken corrective measures described in th
Hartford, CT in this Owner's Report during the period to the best of my knowledge and belief, the Owner h Owner's Report in accordance with the requirements of	3/16/82.0 3/22/92 , and state the as performed examinations and taken corrective measures described in th
Hartford, CT in this Owner's Report during the period to the best of my knowledge and belief, the Owner h Owner's Report in accordance with the requirements of By signing this certificate neith or the Inspector no	3/16/22.0.3/22/92, and state the as performed examinations and taken corrective measures described in th f the ASME Code, Section XI.
Hartford, CT in this Owner's Report during the period to the best of my knowledge and belief, the Owner h Owner's Report in accordance with the requirements of By signing this certificate neither the Inspector no examinations and corrective measures described in th shall be liable in any manner for any personal injury o	3/16/82.0.3/22/92, and state this as performed examinations and taken corrective measures described in the ASME Code, Section XI. If the ASME Code, Section XI.
Hartford, CT in this Owner's Report during the period to the best of my knowledge and belief, the Owner h Owner's Report in accordance with the requirements of By signing this certificate neither the Inspector no examinations and corrective measures described in th	3/16/82.0.3/22/92, and state this as performed examinations and taken corrective measures described in the f the ASME Code, Section XI. In his employer makes any warranty, expressed or implied, concerning the his Owner's Report. Furthermore, neither the Inspector nor his employer
Hartford, CT in this Owner's Report during the period to the best of my knowledge and belief, the Owner h Owner's Report in accordance with the requirements of By signing this certificate neither the Inspector no examinations and corrective measures described in th shall be liable in any manner for any personal injury o	3/16/22.0.3/22/92, and state this as performed examinations and taken corrective measures described in the f the ASME Code, Section XI. In his employer makes any warranty, expressed or implied, concerning the his Owner's Report. Furthermore, neither the Inspector nor his employer r property damage or a loss of any kind arising from or connected with the
Hartford, CT in this Owner's Report during the period to the best of my knowledge and belief, the Owner h Owner's Report in accordance with the requirements of By signing this certificate neither the Inspector no examinations and corrective measures described in th shall be liable in any manner for any personal injury o	3/16/82.0.3/22/92, and state this as performed examinations and taken corrective measures described in the f the ASME Code, Section XI. In his employer makes any warranty, expressed or implied, concerning the his Owner's Report. Furthermore, neither the Inspector nor his employer
Hartford, CT in this Owner's Report during the period to the best of my knowledge and belief, the Owner h Owner's Report in accordance with the requirements of By signing this certificate neith or the Inspector no examinations and corrective measures described in the shall be liable in any manner for any personal injury of inspection.	3/16/22.0 3/22/92, and state the as performed examinations and taken corrective measures described in the f the ASME Code, Section XI. In his employer makes any warranty, expressed or implied, concerning the his Owner's Report. Furthermore, neither the Inspector nor his employ r property damage or a loss of any kind arising from or connected with the Commissions VAY2Y

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 40 of 54

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

Owner	Virginia Electric & Power Company	Date06/11,	/92
	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	4	
-	Address	Shoet of	and a second
Plant	North Anna Power Station	Unit2	
	Name P.O. Box 402 Mineral, VA. 23117	Repair/Replacement	Program 92-213
a model w (Scores of American	Ad dress	Repair Organization P.C). No., Job No., etc
Work Perfo	ormed by Virginia Electric & Power Company	Type Code Symbol Stamp	N/A
	Name	Authorization No.	N/A
	5000 Dominion Blvd. Glen Allen, VA. 23060	Expiration Date	N/A
Identificat	Address ion of SystemSafety Injection		

5. (a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addende, 78, 81, 83(R), 115 Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 No Addenda

6 Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Hanger	Grinnell	N/A	N/A	2-\$1-PH-603A	N/A	Replaced	No
.?ipe Hanger	Grinnell	NZA		2-SI-PH-603A	NZA	Replacement	No

Description of Work Replaced missing snap ring.

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

VT-3

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

(12/82)

	Applicable Manufacturer's Data Reports to be attached
	Replaced snap ring due to visual exam rejection.
	CERTIFICATE OF COMPLIANCE
	cartify 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 S	ymbol StampN/A
Signed	Authorization No. 11 N/A Expiration Date N/A J.P. Hamily LEAD IST ENGR. Date June 11 1992 wher or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	igned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat
	of
in this Own	artiford, CThave inspected the components describe
to the best o	of my knowled, e and belief, the Owner has performed examinations and taken corrective measures described in th
	ort in accordance with the requirements of the ASME Code, Section XI.
	g this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning th
	s and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ le in any manner for any personal injury or property damage or a loss of any kind arising from or connected with th
	1 m the
mar.	
ma	Inspector's Signaturo National Board, State, Province, and Endorsements
man	Inspector's Signaturo National Board, Stata, Province, and Endorsements

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 41 of 54

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

. Owner	Virginia Electric & Power Company	06/29/92		
	Name			
	5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet 1 of 1		
	Address			
Plant	North Anna Power Station	Unit		
	Name	문양 친구가 있는 것을 걸려나서 방송에 가는 것을 것		
	P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program 92-214		
	Address	Repair Organization P.O. No., Job No., etc.		
Work Pe	rformed by Virginia Electric & Power Company	Type Code Symbol Stamp N/A		
	Neme	Authorization NoN/A		
	5000 Dominion Blvd. Glen Allen, VA. 23060	Expiration Date N/A		
	Address	CARLENDER CONTRACTOR		
Idantific	ation of System Chemical and Volume Control			
, Hawfelling	ditor of dystern			
1	licable Construction Code 831.7 19 69 Editio	Addenda 78,81,83(R),115 Cod		

5. (a) Applicable Construction Code_______19_____19____Edition, _____Addenda, (b) Applicable Edition of Section XI Utilized for Regains or Replacements 19______Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Crosby	51582M2	N/A	2-CH-RV 23828	N/A	Replaced	No
√alve	Crosby	51582M2	N/A	2-CH-RV-23828	N/A	Replacement	No

7. Description of Work

Replaced nozzle and disc due to failure of a seat integrity test.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure VT-2 Other Pressure psi Test Temp. 140 °F

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

(12/82)

Remarks	ASME XI CLass 2.
	Applicable Manufacturer's Data Reports to be attached
	VT-2 exam report states that boric acid residue was found near a plug in body.
	The residue is not a result of this replacement program and is therefore
	considered acceptable. Work Request# 815365 was submitted to correct situation.
energias la francésione	CERTIFICATE OF COMPLIANCE
We ASME Code, i	certify that the statements made in the report are correct and thisReplacement conforms to the rules of the section X1
Type Code Sy	mbol Stamp N/A
Signed J	P. Humin ISI ENGR. Date June 29 19.92
	CERTIFICATE OF INSERVICE INSPECTION
or Province of	and employed by Hartford Steam Boiler 1 & 1 Co.
in this Owner	The ford, CT have inspected the components described is Report during the period $3/2e/92$ to $3/8/92$, and state the my knowledge and belief, the Owner has performed examinations and taken corructive measures described in this formula to the components of the components described in the components described described in the components described in the components described in the components described des
Owner's Repo	rt in accordance with the requirements of the ASME Code, Section X1.
By signing	this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
	and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employe In any manner for any personal injury or property damage or a loss of any kind arising from or connected with thi
m	Port m Here Commissions VA 424 Inspector's Signeture National Board, State, Province, and Endorsements
Date	June 28 10 82

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 42 of 54

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

I. Owner	Virginia Electric & Power Company	Date 04/27/92		
	Mame 5000 Dominion Bl' 3 Glen Allen, VA. 23060	Sheet11		
Plant	Adu North Anna Power Station	Unit 2		
	Name P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program 92-215		
Work P	Address Virginia Electric & Power Company	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A		
	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Authorization No. N/A Expiration Date N/A		
identif	Address Safety Injection			

 (a) Applicable Construction Code
 ASME VIII
 19
 68
 Edition
 No
 Addenda
 No

 (b) Applicable Edition of Section X1 Utilized for Repairs or Replacements 19
 86 No Addenda
 No
 Addenda
 Code Case 5. (a) Applicable Construction Code

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Tank	Delta Southern	41370-71-2	2823	2-51-TK-18	1971	Replaced	Yes
Tank	Delta Southern	41370-71-2	2823	2-51-TK	1971	Replacement	Yes

7. Description of Work

Replaced 2-inch nozzle due to its failure of a NDE exam.

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

VT-2

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

(12/82)

9. Remarks ASME X1 Class 2.

Applicable Manufacturer's Data Reports to be attached Replaced 2-inch nozzle due to stress corrosion cracking.

This SI Accumulator tank was also built to ASME Sect. III Class C, 1968.

the second shares at		E OF COMPLIANCE Replaceme	nt
	atements made in the report a	re correct and this	conforms to the rules of the ement
ASME Code, Section XI.			
	N/A		
Type Code Symbol Stamp			
Certificate of Authorization No.	N/A	Expiration Date	N/A
Celle	GR TECHNICUM	Date 5	42
Signed Owner or Owner's Des		Date	<u>187</u>
ne de selon el terrete i su cel se su se	a service of the second se		
	CERTIFICATE O	F INSERVICE INSPECTION	
the undersigned holding a val			sure Vessel Inspectors and the Star
or Province of Virginia	and employed by	Hartford Staam Roi	
Hartford, CT	and a subsection of the section of t		pected the components describe
in this Owner's Report during	the pariod	3/21/92 10 3/2	
			orrective measures described in th
Owner's Report in accordance w			corrective measures described in th
			spressed or implied, concerning th
			her the inspector nor his employ
	r any personal injury or prop	erty damage or a loss of any kind	arising from or connected with th
inspection.			
mini			
map m fre	KR		NB 753/ ate, Province, and Endorsements
	INTISCUTE:	National Board, St	ate, Province, and Endorsements
Inspector's S			and a construction of the second second second

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 43 of 54

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

	Owner	Virginia Electric & Power Company	Date		04/27/92
		Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet	1 of	1
	Plant	Address North Anna Power Station	Unit	2	
, runn "		Name P.D. Box 402 Mineral, VA. 23117		pair/Replac	cement Program 92-2*9
1		Address Virginia Electric & Power Company Name		air Organizati	on P.O. No., Job No., etc.
1	Work Perto			Symbol Stam	N/A
				on No.	N/A
		5000 Dominion Blvd. Glen Allen, VA. 23060	Expiration I		₩/A
	identification	Address Safety Injection	- April Court	COULD INTERNATION	

5. (a) Applicable Construction Code ASME I'I 19 68 Edition, No Addenda, No Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	A SME Code Stamped (Yes or No)
Tank	Delta Southern	41370-71-2	2823	2-51-TK-18	1971	Replaced	Yes
Tank	Delta Southern	41370-71-2	2823	2-SI-TK-18	1971	Replacement	Yes

7. Description of Work_

Replaced 8 studs and 16 nuts on 2-inch 600# flange.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure VT-2
Other Pressure psi Test Temp. F

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

(12/82)

Remarks	ASME XI Class 2.
	Applicable Manufacturer's Data Raports to be attached
and design to the second	Replaced 8 CS A193 gr. 87 studs.
	Replaced 16 CS A194 gr. 2H nuts.
And and a second s	
	Note: Tank was also built to ASME Sect. VIII Class C, 1968.
	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 the repair or replacement.
Type Code Sy	mbol StampN/A
Certificate of	Authorization No. N/A Expiration Date N/A
Signed Own	Dete 5 May 19 92
	CERTIFICATE OF INSERVICE INSPECTION
	aned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat Virginiaand employed by
And in the second strength is a second designed	ntford, CThave_inspected the components describe
in this Owner	record, cr have inspected the components describe
to the best of	my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the
Owner's Repo	in accordance with the requirements of the ASME Code, Section XI.
	this cartificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning th
	and corrective measures described in this Owner's Report. Furthermore, noticer the Inspector nor his employed in any manner for any personal injury or property damage or a loss of any kind arising from or connected with th
	1 M. Hunc. Commissions VA424 ND9531 Inspector's Signature National Board, State, Province, and Endorsements
Date	5-15 10.92

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 44 of 54

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

	Owner	Virginia Electric & Power Company	06/18/92	
	Owner	Name 5000 Dowinion Blvd. Glen Allen, VA. 23060	Sheet11	
2	Plant	Address North Anna Power Station	Unit 2	
	Trutter and	Name P.O. Box 402 Kineral, VA. 23117	Repair/Replacement Program 92-221	
		Address	Repair Organization P.O. No., Job No., atu,	
3.	Work Perf	Virginia Electric & Power Company Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Type Code Symbol Stamp N/A Authorization No N/A Expiration Date N/A	
4.	Identifica	Address Safety Injection		
5.	(a) Appli	cable Construction CodeB31.719Edition,	4 1970 Addends 78,81,83(R),115 Code	e Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No,	National Board No,	Other Identification	Year Built	Repaired, Replaced, C Replacement	ASME Code Stamped (Yes or No)
Valve	Velan	115939	N/A	2-51-HOV-2867A	1970	Replaced	No
Valve	Velan	115939	N/A	2-S1-MOV-2867A	1970	Replacement	No
							-

7. Description of Work

Replaced body to bonnet bolting due to corrosion/erosion.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure 2685 psi Test Temp. 82 F

VT-2

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

(12/82)

Remarks	ASME XI CLass 2.			and the set of the second seco					
	Replaced 12 ASHE SA		rer's Data Reports to be attached						
	Replaced 24 ASTM A193 gr.2H nuts								
		CERTIFICATE OF	COMPLIANCS						
	certify that the statements	made in the report are co	prrect and this <u>Replacement</u> confe	orms to the rules of the					
ASME Code,	Section XI.								
Type Code Sy	mbol Stamp	/A							
Certificate of	Authorizetion NoN	/A	Expiration DateN/A						
. 10	10 - CT	SCIENCEAN	Date IP June	. 97					
Signed Ow	ner or Owner's Designee, Ti		Date 18 Vene						
	ander and and a state and a state and a		n and a second secon						
		CERTIFICATE OF IN	SERVICE INSPECTION						
	Vincinia		Hartford Steam Boiler I &	1 60					
or Province o H	artford, CT	_and employed by	The second	components describe					
in this Owne	r's Report during the perio	od 3/3	3/92 10 747/92	and state the					

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.

Mul m freece Commissions VA424 Inspector's Signature National Board, State, Province, and Endorsements

June 15 19 82

Dete_

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 45 of 54

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

Owner	Virginia Electric & Power Company	06/12/92 Date
	Name 5000 Dominion Blvd. Glen Allen, VA. 23060	1 1 Sheet of
Plant	Address North Anna Power Station	Unit
and the second se	Name P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program 92-222
	Address	Repair Organization P.O. No., Job No., etc.
Work Perf	virginia Electric & Power Company	Type Code Symbol Stamp N/A
LIGTE COL	Name	Authorization No. N/A
	500D Dominion Blvd. Glen Allen, VA. 23060	Expiration Date N/A
	Address	
Idantificat	tion of System Safety Injection	

5. (a) Applicable Construction Code 831.7 19 69 Edition, ¥ 1970 Addenda, 78,81,83(R),115 Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Velan	114533	N/A	2-51-HOV-2867B	1970	Replaced	No
Valvo	Velan	114533	N/A	2-51-MOV-28678	1970	Replacement	No

7. Description of Work _____ Reptaced body to bonnet bolting due to boric acid buildup.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X Other Pressure 2500 psi Test Temp. 160 ° F

VT-2

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

Remarks	ASME X1 CLOBS 2.
	Applicable Manufacturer's Data Reports to be attached
	Replaced 12 ASTM A193 gr.87 studs.
Applicable Manufacturer's Data Reports to be attuched <u>Replaced 12 ASTM A193 gr.87 stucks</u> . <u>Replaced 24 ASTM A194 gr.2H mits</u> . <u>CERTIFICATE OF COMPLIANCE</u>	
	CERTIFICATE OF COMPLIANCE
	repair p: replacement
Type Code S	Symbol StampN/A
Certifica <i>r</i> e o	f Authorización No. 1 N/A Expiration Date N/A
Signed	SP. Haniel, ISI Engineer Dore June 12 10 92
	CERTIFICATE OF INSERVICE INSPECTION
	가장 아이들은 것 같은 것 이렇게 하는 것 같은 것 같
	lartford, CTnave inspected the components describe
examination shall be liab	s and corrective measures described in this Owne.'s Report. Furthermore, neither the Inspector nor his employ
	1 /
- 2020	Inspector's Signature Commissions VA424 National Board, State, Province, and Endorsements
	Zone 15" 19.24
Seator Service of the Second	and an an a the Field Contact Management of Contact and an

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 46 of 54

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

Owner	Virginia Electric . wer Company	Date 04/17/92	
	Name		
	5000 Dominion . In Allen, VA. 23060	Sheet 1 of 1	
	Ado		
Plant	North Anna Power Stalion	Unit 2	
	Name	WITTY AND	and the second se
	P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Pro	gram 92-227
	Address	Repair Organization P.O. No	., Job No., etc.
Mark Par	formed by Virginia Electric & Power Company	Type Code Symbol Stamp	N/A
THURK FOR	Neme	Authorization No.	N/A
	5000 Dominion Blvd. Glen Allen, VA. 23060	Expiration Date	N/A
	Address	A REFELENCE WE WE AND A REPORT OF A DESCRIPTION OF A DESC	
	Reactor Coolant		

ASME 111 19 68 Edition. No Addenda, No 5. (a) Applicable Construction Code Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19_86 No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Ysar Built	Repaired, Replaced, or Replacement	ASME Corte Stamped (Yes or No)
Steam Generator	Westinghouse	1281	68-95	2-RC-E-1A	1973	Repaired	Yes
					_		

7. Description of Work _____ 2 SG tubes were pulled and replaced by weld plugs in the tubesheet

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

VT-1

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

(12/82)

Applicable Manufacturer's Data Reports to be attached
 Weld repairs were made IAW West inghouse procedures WPS94341, WPS54341, MRS2.3.2
 VRA-14, and WEP221, Visual exam was performed IAW Westinghouse proc. CAIP-1-VI.
New weld plugs are located at (R-11.C-43) and (R-7.C-25), both hot leg.

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>Repair</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization No. N/A Fxpiration Date N/A
Signed Okner's Designee, Titie Date 12 April 1992
CERTIFICATE OF INSERVICE INSPECTION 1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Province of <u>Virginia</u> and employed by <u>Hartford Steam Boiler 1 & I Co</u> of <u>Martford, CT</u> <u>have inspected the components described</u> in this Owner's Report during the period <u>30 march</u> <u>1992</u> to <u>6 April 1992</u> , 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 mariner for any personal injury or property damage or a loss of any kind arising from or connected with this
Inspection. William Elline Commissions UP 558 Inspector's Signature National Board, State, Province, and Endorsements
Date 20 April 1892

Docket Number: 50-339 Serial Number: 92-442 attachment 2 Page 47 of 54

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

Owner	Virginia Electric & Power Company	04/27/92
	Neme 5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet 1 of 1
Plant	Address North Anna Power Station	Unit
C. COLOR AND	Name P.O. Box 402 Mineral, VA. 23117	Repair/Replacement Program 92-228
Work Perf	Neme	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A Authorization No. N/A
Identifica	5000 Dominion Blvd. Glen Allen, VA. 23060 Adf 5% Safety Injection	Expiration Date N/A

5. (a) Applicable Construction Code

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Berial No.	National Board No.	Other Identification	Year Built	Receired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe	Southwest Fab.	N/A	N/A	2-\$1-PP-NONE	N/A	Repla ed	No
Pipe	Southwest Fab.	N/A	K/A	2-SI-PP-NONE	N/A	Rer ¹ acement	No
			an a				
					antes, particular		

7. Description of Work

Replaced piping due to its failure of a NDE exam.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure ______Psi Test Temp. ______PF Other Pressure____

VT-2

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

(12/82)

	Applicable Manufacturer's Data Reports to be extended
	Replaced 2-inch Sched, 40 piping between 2-SI-156 and 2-SI-TK-18.
	CERTIFICATE OF COMPLIANCE
W4 ASME Cod.,	certify that the statements made in the report are correct and this <u>Replacement</u> conforms to the rules of t Section X1.
Type Code Sy	A/N gr. todmy
Certificate of	Authorization Nu. N/A Expiration Date N/A
Signed 6	wher or Owner's Designes, Title Date 5 May 1072
	CERTIFICATE OF INSERVICE INSPECTION
	signed, holding a valid commission issued by the National Board of Boiler and Pressure Vessel inspectors and the Nartford Steam Boiler 1 & 1 Co.
and the state of the second se	er's Report during the period J/2 #/92 and state
to the best o	of my knowledge and belief, the Owner has performed examinations and taken corrective measures demribed i sort in accordance with the requirements of the ASME Code, Section X1.
By signin examination	ng this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concernin Is and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his emp de in any manner for any personal injury or property danage or a loss of any kinal vising from or connected wit
	Mah makera Commissions JAY2Y
	Mal motore Commissions JAY2Y Inspector's Signature National Board, State, Province, and Endorsemen

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

Owner	Virginia Electric & Power Company	Date04/28	/92	
	Name 5000 Dominton Blvd. Glen Allen, VA. 23060	Sheet 1	1	
Plant	Address North Anna Power Station	Unit 2		
	Name P.O. Box 402 Mineral, VA. 23117	Repair/Replacement	Program 92+235	
-	Address	Repair Organization P.O. No., Job No., etc.		
Work Perfor	Virginia Electric & Power Company	Type Code Symbol Stamp	N/A	
HOLK FRIDU	Name	Authorization No.	N/A	
	5000 Dominion Blvd. Glen Allen, VA. 23060	Expiration Date	N/A	
Identificatio	Address Safety Injection	expiration cate managements		

78,81,83(R),115 Code Case 831.7 ______ 69 Edition, ____ W 1970 86 No Addenda 5. (a) Applicable Construction Code (b) Applicable Edition of Section X1 Utilized for Repairs or Replacements 19,

6. Identification of C its Repaired or Suplaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	Nationsi Board No,	Other	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support	Southwest Fab.	N/A	N/A	2-51-PH-53201	N/A	Replaced	No
Support	Southwest Fab.	N/A	N/A	2-S1-PH-53201	N/A	Replacement	No

7. Descric in of Work

Replaced missing jam nut.

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

V7-3

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

(12/82)

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

é p

	Applicable Manufacturer's Data Reports to be attached
	Replaced 1 ASME \$A563 gr.A jam nut.
	CERTIFICATE OF COMPLIANCE
Ma	certify that the statements made in the report are correct and thisPeplacement conforms to the rules of the
ASME Code,	remain or second
PROPERTY OF THE PROPERTY OF	
Type Code Sy	mbol Stemp N/A
Certificate of.	Authorization No. N/A Expiration Date N/A
10	10 05 00 00 11 00
Signed	The SRIGERARCIAN Date 28 April 1992
Owr	nerfer Owner's Standard Inte
nie maar in die staar maar waarde gebruik van die staar die staar die staar die staar die staar die staar die s	
	CERTIFICATE OF INSERVICE INSPECTION
	gned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and the Stat
	Virginia and employed by Hartford Steam Boiler I & I Co
printer of the second second second second	tford, CT have inspected the components described in the period and state the second state the components described in the second state the se
in this Owner	r's Report during the period
to the best of	my knowledge and belief, the Owner has performed examinations and taken corrective r same releasibled in the
Owner's Repo	int in accordance with the requirements of the ASME Code, Section X1.
By signing	this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning th
examinations	and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employe
shall be liable	In any manner for any personal injury or property damage or a loss of any kind arising from or connected with thi
inspection.	
4	alon the second
	Mark M Acate Commissions VA 424 Inspector's Signature National Board, State, Province, and Endorsements

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 49 of 54

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

i.	Owner	Virginia Electric & Power Company	04/2	7/92
		Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet 1 of	1
	Plant	Address North Anna Power Station	Unit	
	A NOT TO A DESCRIPTION	Name F.D. Box 402 Mineral, VA. 23117	Repair/Replacement	Program 92-245
	Work Perf	Addrem Virginia Electric & Power Sompany	Repeir Organization P. Type Code Symbol Stamp	N/A
		Name 5000 Dominion Rivd. Glen Allen, VA. 23060	Authorization No	N/A N/A
	Carlor and Prove	Address Safety Injection		

(a) Applicable Construction Code B31.7 19 69 Edition, W 1970 Addende, 79.81,83(R),115 Code Case
 (b) Applicable Edition of Section X1 Utilized for Repairs or Replacements 19 85 No Addende

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Bullt	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Aloyco	N/A	N/A	2-51-21	N/A	Replaced	No
Valve	Aloyco	N/A	N/A	2-51-21	N/A	Replacement	No

7. Description of Work_____ Replaced 16 studs and 32 nuts on 12-inch check valve-

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Conternation Pressure Psi Test Temp. Pressure Psi Test Temp. Psi Test Te

NO5 supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82)

Remarks	ASME XI Class 2.
	Applicable Manufacturer's Data Reports to be altached
	Replaced 16 ASME SA193 gr. 87 study.
	Replaced 32 ASME SA194 gr. 2H nuts.
	DERTIFIC TROPER TO BE
ARA1E Code, 1	certify 15 at the statements made in the reps
Type Code Sy	mbol Stamp
Certificate of	Authorizetion Date N/A
Signed	A Date 2.2 April 19.92
	CERTIFICATE OF INSERVICE INSPECTION
or Province of	gned, holding a valid commission issued by the National Board of Boller and Pressure vessel inspectors and the Sta Ninginia
And in the other states and the second states	artford, CT have inspected the components describ in's Report during the period $\frac{\eta/z}{92}$ to $\frac{\eta/a}{92}$, and state the
	r's Report during the period <u>4/2/92</u> to <u>4/2/92</u> , end state the first knowledge and belief, the Owner has performed examinations and taken corrective measures described in the first state of the owner has performed examinations and taken corrective measures described in the first state of the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described in the owner has performed examinations and taken corrective measures described examinations and taken cor
	ort in accordance with the requirements of the ASME Code, Section XI.
By signing	g 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 emplo e in any manner for any personal injury or property damage or a loss of any kind arising from or connected with t
	Mark M Ann Commissions VA424 Inspector's Signature Commissions National Board, State, Province, and Endorsemants
Døte	4/29 19.92

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Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 50 of 54

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

1.	Owner Virginia Electric & Power Company	Date 04/20/92
	Name	
	5000 Dominion Blvd. Glan Allen, VA. 23060	Sheet 1 of 1
	Address	
2	Plent North Anna Power Station	Unit 2
	Name	
	P.O. Box 402 Mineral, VA, 23117	Repair/Replacement Program 92-249
	Address	Repair Organization P.O. No., Job No., atc.
3	Work Performed by Virginia Electric & Power Company	Type Code Symbol Stamp N/A
	Name	Authorization No. N/A
	5000 Dominion Blvd. Glen Allen, VA. 2306v	Expiration Data N/A
	Address	a reprint the term and the second
k.	Identification of System Reactor Coolant	
	Construction of the second	

5. (a) Applicable Construction Code 831.7 19 69 Edition, ¥ 1970 Addenda 78.81.83(R).115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufecturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support	Grinnell	N/A	N/A	2-RC-SH-15	N/A	Replaced	No
Support	Grinnell	N/A	N/A	2-RC-SH-15	N/A	Replacement	No

7. Description of Work Replaced cap screws and nuts on pipe clamp.

E. Tests Conducted: Hydrostatic Pressure Nominal Operating Pressure Conducted: VT-3

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

(12/82)

Owner & Owner's Dusignee, Title / CERTIFICATE OF INSERVICE INSPECTION Intermediation issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of	Remarks	ASME XI Class 1.			
Replaced 2 ASKE SA194 gr.2H nuts. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this				s to be attached	
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and thisReplacement_conforms to the rules of the same code, Section X1. Ype Code Symbol Stamp		Replaced 2 ASME SA193 gr.87 cap	SCREWS.		
We certify that the statements made in the report are correct and this		Replaced 2 ASME \$A194 gr.2H nuts			
We certify that the statements made in the report are correct and this					
ASME Code, Section X1.		CERTIFICA	TE OF COMPLIANCE		
Dertificate of Authorization No. MA Expiration Date N/A ligned July A IST Enginetty Date April 20 19.92 CERTIFICATE OF INSERVICE INSPECTION the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Virginia Intervince of Steam Boiler 1 & 1 Co. Hartford, CT Hartford, CT Hartford during the Carlod Mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Pressure of Steam Boiler 1 & 1 Co. Hartford, CT Hartford, CT Advance of Steam Boiler 1 & 1 Co. Hartford, CT Advance of Steam Boiler 1 & 1 Co. Hartford, CT Advance of Steam Boiler 1 & 1 Co. Mission State the Owner has performed examinations and taken corrective measures described in the Date of Steam Corrective measures described in the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the saminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his e				Replacement, conforms to the rules air or replacement	of the
Higned Higher Hamil, ISI Enginetr Date April 20 19 92 CERTIFICATE OF INSERVICE INSPECTION CERTIFICATE OF INSERVICE INSPECTION CERTIFICATE OF INSERVICE INSPECTION Interview of province of winging a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Winginia and employed by Hartford Steam Boiler 1 & 1 Co. Hartford, CT Hartford Steam Boiler 1 & 1 Co. In the lost of CP: Knowledge and bellef, the Owner has performed examinations and taken corrective measures described in the Owner's Report in "cordance 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 employ hall be liable in any manner for any personal Injury or property damage or a loss of any kind erising from or connected with the negocion. Mark M, Hark Commissions Val 424	Type Code Sym	bol StampN/A			
Higned Higher Hamil, ISI Enginetr Date April 20 19 92 CERTIFICATE OF INSERVICE INSPECTION CERTIFICATE OF INSERVICE INSPECTION CERTIFICATE OF INSERVICE INSPECTION Interview of province of winging a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of Winginia and employed by Hartford Steam Boiler 1 & 1 Co. Hartford, CT Hartford Steam Boiler 1 & 1 Co. In the lost of CP: Knowledge and bellef, the Owner has performed examinations and taken corrective measures described in the Owner's Report in "cordance 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 employ hall be liable in any manner for any personal Injury or property damage or a loss of any kind erising from or connected with the negocion. Mark M, Hark Commissions Val 424	Constitute of A	unhorizontion bio 1 N/A	Evolution	Date N/A	
the undersigned, holding a velid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State Nartford Steam Boiler 1 & 1 Co. Hartford, CT have inspected the components described in this Owner's Report during the carlod. Othe bast of child knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Dwner's Report in roordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector flor 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 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 nepection.	Signed	tephen P. Hamill, IST E.			12
In Province of		CERTIFICATE	OF INSERVICE INSPE	CTION	
A this Owner's Report during the carlod <u>4/3/22</u> to <u>4/5/22</u> , and state the completents described in the best of the knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in "cordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector for 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 half be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the nepection.	or Province of	Virginia and employed by	Hartfor	d Steam Boiler 1 & 1 Co.	
o the best of children knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in reordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector for 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 half be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the hispection.	Bandhal Antonia Statement of the Colored		wheter	winda.	
Dwner's Report in roordance 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 employ half be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the napection.			the second s	and a second	
xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ half be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the nepection.					
Mark M Hare Commissions Via 424 Inspector's Signature National Board, State, Province, and Endorsements	examinations ar	nd corrective measures described in this (Owner's Report. Furthe	rmore, neither the Inspector nor his er	mploy
	m_	inspirations Signature	Commissions	127 I Board, State, Province, and Endorsem	ionts
1/22 :0.82	Dete	4/22 10.92			

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 51 of 54

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

	Owner Virginia Electric & Por		05/07	/92
	Neme 5000 Dominion Blvd. Gl		Sheet 1 of	1
	Address Plant North Anna Power Statin	DN.	Unit	
	P.O. Box 402 Mineral,	VA. 23117	Repair/Replacement	Program 92-250
A LONG TO A	work Performed by water and a second	ctric & Power Company Name Sien Allen, VA, 23060	Repeir Organization P Type Code Symbol Stamp Authorization No	.Ο. Νο., Job Νο., etc. Ν/Α Ν/Α Ν/Α
	Address Identification of System Main Die	air		

5. (a) Applicable Construction Code 831.7 19 69 Edition, ¥ 1970 Addenda, 78,81,83(R),115 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86 No Addenda

6. Identificatic 1 of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Schutte & Koert	ng N690539	N/A	2-MS-TV-201A	N/A	Replaced	No
Valve	Schutte & Koert	ng N690539	N/A	2-MS-TV-201A	N/A	Replacement	No
			a The second state				

7. Description of Work_____Replaced 4 bonnet studs.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure 910 psi Test Temp. 545

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

(12/82)

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

V7+2

Flemarks	ASME XI Class 2.	and the second			
			er's Date Reports to be att	eched	
	Replaced 4 ASTM	A193 gr. 616 studs.	enderstanden in der der der seine state werden	and States and states in the states in the states of the	
Min.	opelify that the state	CERTIFICATE OF ments made in the report are co	Danlarame	int conforms to th	a sides of the
ASME Code,		mente made in the report are co	repair or reple		to chies of the
Type Code Sy	mbol Stamp	N/A			
		N/A	Province Print	N/A	
Certificate or	Authorization No		Expiration Date	addhallan no mana a ana a	
Signed	Kin	SR ECHNICIAN	Dete 7	May	10 92
	ner of Owner's Desig	noe, Title			
			SARVICE INSPECTION		
	ned, holding a valid Virginia	commission issued by the Natio	hartford Steam Boi		rs and the Stat
	tford, CI	and employed by	have in	enected the composi	
		e period	1/2/82 10 4/20		and state the
		belief, the Owner has performe	d examinations and taken		
Owner's Repo	rt in accordance with	h the requirements of the ASME	Code, Section XI.		
By Ligning	this certificate neit	her the Inspector nor his emplo	yer makes any warranty, i	expressed or implied,	concerning th
examinations	and corrective mean	sures described in this Owner's	Report. Furthermore, ne	ither the inspector ne	or his employe
	in any manner for a	any personal injury or property o	lamage or a loss of any kin	d arising from or conr	nected with th
inspection.		,			
m	al m. the	Commis	winne VA424		
man and the fide	Inspector's Sign			itate, Province, and Er	ndorsements
Date	517	19.82			

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 52 of 54

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

1. Owner	Virginia Electric & Power Company	06/03/92		
	Name 5000 Dominion Bivd. Glen Allen, VA. 23060	1 1 Sheet of		
Plant	Address North Anna Power Station	Unit 2		
T ANT IL MANNE	Name P.O. Box 402 Minerel, VA. 23117	Repair/Replacement Program 92-260		
Address Virginia Electric & Power Company Work Performed by		Repair Organization P.L., No., Job No., etc. N/A		
WORK PER	5000 Dominion Blvd. Glen Allen, VA. 23060	Type Code Symbol Stamp N7A Authorization No. N7A Expiration Date		
Identifice	Address Component Cooling	expiration Gate		
(a) Appli	cable Construction Code 831.7 69 Edition	V 1970 78,81,83(k),115 Code C		

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Seriel No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Mission	N/A	N/A	2-00-276	N/A	Replaced	No
Valve	C&S Valve Co.	91-1426-010-03	N/A	2-00-276	1991	Replacement	No

7. Description of Work

Replaced check valve, studs, and nuts due to erosion/corrosion.

8. Tests Conducted: Hydrostatic Preunggic Nominal Operating Pressure Conternation Pressure psi Test Temp.

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% in. \times 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 vacanded at the top of this form.

(12/82)

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

V1-2

Remarks	ASME XI Class 2.
	Applicable Manufacturer's Data Reports to be attached Replaced 1 6- inch Class 2 Dual plate check valve.
	Replaced 8 ASTM A193 gr.87 studs.
	Replaced 16 ASTM A194 gr.2H nuts.
We ASME Code, 5	CERTIFICATE OF COMPLIANCE certify that the statements made in the report are correct and this conforms to the rules of the section X1
Type Code Sy	mbol StampN/A
Signed	Anthorization Date N/A P. Hamil ISI Engy Date June 3, 10.92 ner of Owher's Designer, Title
	CERTIFICATE OF INSERVICE INSPECTION
or Province of	tiond PT
in this Owne to the best o	this inspected the components described is Report during the period <u>4/5/82</u> to <u>4/17/82</u> , and state the firsy knowledge and belief, the Owner has performed examinations and taken corrective measures described in the performed examination of the approximation of the section o
examinations	g this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employing the in any manner for any personal injury or property damage or a loss of ally kind arising from or connected with the
	Commissions YAYAY Inspector's Signature Commissions National Board, State, Province, and Endorsements
Date	JUNE 4 18 72

5.

Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 53 of 54

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

Owner	Virginia Electric & Power Company	05/20/92
	Neme 5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet11
Plant	Address North Anna Power Station	Unit Ž
a second s	Nerne P.O. Box 402 Minerel, VA. 23117	Repair/Replacement Program 92-261
Work Perf	Address Formed byVirginia Electric & Power Company Nerne 5000 Dominion Blvd. Glen Allen, VA. 23060	Repair Organization F.O. No., Job No., etc. Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A
identifica	Address Component Cooling	

6. (a) Applicable Construction Code 831.7 19 69 Edition, ¥ 1970 Addenda, 78, 81, 83(R), 115 Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 85 No Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	Netional Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Mission	N/A	N/A	2-CC-302	N/A	Replaced	No
Valve	C&S Valve Co.	91-1426-010-02	N/A	2-CC-302	1991	Replacement	No
		-		-			
		12.2.3					

7. Description of Work,

Replaced check valve, studs, and nuts due to erosion/corrosion.

8. Tests Conducted: Hydrostatic Preumatic Nominal Operating Pressure Conducted: Pressure 86 psi Test Temp. 70 ° F

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

(12/82)

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

VT-2

Remarks	ASME XI Class 2.
	Applicable Manufacturer's Data Reports to be attached
	Replaced 1 6-inch Class 2 Dual plate check valve.
	Replaced 8 ASME SA193 gr. 87 studs.
	Replaced 16 ASTM A194 gr.2H nuts,
	CERTIFICATE OF COMPLIANCE
We ASME Code,	certify that the statements made in the report are correct and thisReplacement conforms to the rules of the repair or replacement
Type Code Sy	mbol StampN/A
Cartiflante ak	Authorization No. N/A Expiration Date N/A
Signed C	New Settersteilan Date 21 May 19.92
	CERTIFICATE OF INSERVICE INSPECTION
	gned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta Yinginia and employed by Hartford Steam Boiler 1 & I Co.
Ha	rtford, CT have inspected the components describe in's Report during the period 4/5/72 to 4/17/92 , and state the
	If my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the
	ort in accordance with the requirements of the ASME Code, Section XI.
By signin	g this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning t
	and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ a In any manner for any personal injury or property damage or a loss of any kind arising from or connected with t
	Mark M. Arac Commissions VA424 Inspector's Signature National Board, State, Province, and Endorsements
	Inspector's Signature involvements

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Docket Number: 50-339 Serial Number: 92-442 Attachment 2 Page 54 of 54

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

1. Owner	Owner	Virginia Electric & Power Company	06/18/92		
		Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Sheet of		
2	Plant	Address North Anna Power Station	Unit 2		
	Name P.O. Box 402 Mineral, VA. 23117		Repair/Replacement Program 92-274		
	. Work Perfo	Address Virginis Electric & Power Company	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp		
		Name 5000 Dominion Blvd. Glen Allen, VA. 23060	Authorization NoN/A		
4.	Identifica	Address Safety Injection			
Б.		cable Construction Code19 Editio	B6 NC Addenda		

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No,	Other Identification	Year Built	Repaired, Fleplaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	Velan	115939	N/A	2-\$1-NOV-2867A	1970	Replaced	No
Valve	Velan	115939	N/A	2-51-MOV-2867A	1970	Replacement	No

7. Description of Work

Replaced body to bonnet bolting due to corrosion/erosion.

8. Tests Conducted: Hydrostatic Preumatic Nominal Operating Pressure VT-2 __psi Test Temp,__ Other Pressure

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

(12/82)

Remarks ASME X1 Class 2.	
Applicable Ménufactures	r's Data Reports to be attached
Replaced 12 ASME SA193 pr.87 studs.	
Replaced 12 ASTM A193 gr.7 nuts.	
CERTIFICATE OF C	COMPLIANCE
We certify that the statements made in the report are con ASME Code, Section X1.	rect and thisReplacement conforms to the rules of th repair or replacement
Type Code Symbol StampN/A	
Certificate of Authorization No. N/A	Expiration Date N/A
ADA	
Signed Owner's Designee, Title	Date 18 June 19 92
CERTIFICATE OF INS	SERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the Nation	nal Board of Boiler and Pressure Vessel Inspectors and the S
	Hartford Steam Boiler I & 1 Co.
Hartford, CT	have inspected the components descri
In this Owner's Report during the period	
Owner's Report in accordance with the requirements of the ASME	
By signing this certificate neither the Inspector nor his emplo	
examinations and corrective measures described in this Owner's	
shall be liable in any manner for any personal injury or property i	
inspection,	
Mark M. Aux Commi	ssions
Inspector's Signature	National Board, State, Province, and Endorsement
Date	