VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

August 4, 2000

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-0001

Serial No.: 00-359
NE/ISI/MM
Docket No.: 50-280
License No.: DPR-32

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION UNIT 1
INSERVICE INSPECTION SUMMARY REPORT
FOR THE 2000 REFUELING OUTAGE

As set forth in the provisions of ASME Section XI, Paragraph IWA- 6230, enclosed is the Inservice Inspection Summary Report for Surry Power Station Unit 1 for the 2000 refueling outage. This report provides a summary of the examinations performed during the outage for the third inservice inspection interval.

In accordance with IWA-6220 of ASME Section XI, Attachment 1 includes a Form NIS-1, "Owner's Report for Inservice Inspections," an examination summary, and abstracts of examinations performed. Attachment 2 includes Forms NIS-2, "Owner's Report for Repairs or Replacements."

The entire report will be maintained on file at the corporate office. If you have any questions or require additional information, please contact us.

Very truly yours,

L. N. Hartz
Vice Present - Nuclear Engineering and Services

Attachments

A047

cc: U.S. Nuclear Regulatory Commission
Region II
Atlanta Federal Center
61 Forsyth St. SW, Suite 23 T85
Atlanta, Georgia 30303-8931

Mr. R. A. Musser
NRC Senior Resident Inspector
Surry Power Station

Attachment 1

Surry Power Station Unit 1

Inservice Inspections

Abstract of Examinations

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

1. Owner Virginia Electric and Power Company, 5000 Dominion Blvd., Glen Allen, VA 23060
(Name and Address of Owner)

2. Plant Surry Power Station, 5570 Hog Island Rd., Surry, VA 23883
(Name and Address of Plant)

3. Plant Unit 1 4. Owner Certificate of Authorization (if required) NA

5. Commercial Service Date 12/22/72 6. National Board Number for Unit NA

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel 1-RC-R-1	Rotterdam	137-1	VA 58201	30678
Steam Generator A 1-RC-E-1A	Westinghouse	2981	VA 58203	681
Steam Generator C 1-RC-E-1C	Westinghouse	2983	VA 58205	683
Pressurizer 1-RC-E-2	Westinghouse	RCPPCR	VA 58202	1031
RC Pump A 1-RC-P-1A	Westinghouse	458	NA	NA
RHR Heat Ex A 1-RH-E-1A	Atlas Industrial Manufacturing Company	890	VA 58212	740
RHR Heat Ex B 1-RH-E-1B	Atlas Industrial Manufacturing Company	891	VA 58211	741
RHR Pump A 1-RH-P-1A	Ingersoll Rand Co.	NA	NA	NA
Recirc Spray PP 1-RS-P-2A	Byron Jackson Pumps, Inc.	NA	NA	NA
Safety Inj Pump A 1-SI-P-1A	Byron Jackson Pumps, Inc.	NA	NA	NA
Class 1 & 2 Piping	Southwest Fabricating Company	NA	NA	NA
Class 1 & 2 Component Supports	Southwest Fabricating Company	NA	NA	NA

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

FORM NIS-1 (Back)

8. Examination Dates 11/17/98 to 5/8/00

9. Inspection Period Identification Second Period (10/14/96-10/14/00)

10. Inspection Interval Identification Third Interval (10/14/93-10/14/03)

11. Applicable Edition of Section XI 1989 Addenda NA

12. Date/Revision of Inspection Plan July, 2000, Revision 11

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.

See Attachment 1, Abstract of Examinations Performed

See Attachment 1, Abstract of System Pressure Tests

14. Abstract of Results of Examinations and Tests.

See Attachment 1, Examination Summary, Page 2

15. Abstract of Corrective Measures.

See Attachment 1, Examination Summary, Page 2

We certify that a) the statements made in this report are correct, b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) NA Expiration Date NA

Date July 20 19 2000 Signed Virginia Elect. & Power Co. By

Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by H.S.B.I. & I. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 11/17/98 to 7/25/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions NB 7933, VA 883 R

National Board, State, Province, and Endorsements

Date 7/25 19 2000

Examination Summary

Virginia Electric and Power Company
Surry Power Station

Unit 1

2000 Refueling Outage
3rd Interval, 2nd Period

Introduction

This report covers Inservice examinations and tests of Class 1 and Class 2 components, piping and component supports that were conducted at Surry Power Station Unit 1 from November 17, 1998 through May 8, 2000. The examinations were conducted to meet the requirements of ASME Section XI, 1989 Edition, of the ASME Boiler and Pressure Vessel Code. The Plan for piping inspection is now based on a Risk Informed Inservice Inspection Program with NRC approval of Virginia Power Relief Request to use the Westinghouse Owners Group WCAP-14572 to change the Inservice Inspection Topical Report.

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

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

Limitations

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

Examinations

Examinations were conducted to review as much of the examination zones as was practical within geometric, metallurgical and physical limitations. When 100% of the required ultrasonic examination volume could not be examined, the examination method was evaluated and alternate beam angles or volumetric techniques were considered in an attempt to achieve the maximum examination volume. In the case of surface examinations where full coverage could not be achieved, alternative methods were considered and employed when possible to achieve maximum allowable coverage. When alternative methods would not increase the examination coverage, an alternate component was considered for examination. However, where 100% examination was not possible the examination was considered a partial and so noted on the examination report. When the reduction in coverage was 10% or greater, per

Code Case N-460, a subsequent relief request will be provided by separate correspondence. Examinations that do not receive the required examination coverage will be identified by a "P" in the remarks column of the examination abstract.

Results

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

Analytical Evaluation

No analytical evaluation of examinations was required.

Evaluation Analyses

None required or performed.

Statement of Interval Status

Virginia Electric and Power Company will complete the Second Period of the 3rd Interval on October 14, 2000. A Risk Informed ISI Program for piping inspection was implemented during this 2000 refueling outage in accordance with Virginia Power letter dated October 31, 1997 to the NRC.

Abstract of Examinations Performed - IWB, IWC and IWF

DRAWING	*MARK No.*	*LINE No.*	*CLASS*	*CATEGORY*	*ITEM*	*METHOD*	*EXAM DATE*	*REMARKS*
11448-MKS-1022A12-3	1001	2½"-CC-88-151	3	R-A	R1.12	VT-2	05/04/2000	
11448-MKS-1022A12-3	1002	1½"-CC-803-150	3	R-A	R1.12	VT-2	05/04/2000	
11448-None	AFW Lube	Piping For P-3A	NC	R-A	R1.13	UT/VT-2	04/26/2000	
11448-WMKS-0100A1Z	1-01	1½"-CH-97-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0100A1Z	1-03	1½"-CH-97-1502	1	R-A	R1.12	PT/VT-2	04/20/2000	
11448-WMKS-0100A1Z	1-07	1½"-CH-97-1502	1	R-A	R1.12	PT/VT-2	04/20/2000	
11448-WMKS-0100A1Z	1-19	2"-CH-97-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0100A4Z	1-07A	2"-RC-53-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0100A6Z	1-02	2"-RC-198-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0100A6Z	1-03	2"-RC-198-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0101A1Z	1-01	1½"-CH-95-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0101A1Z	1-03	1½"-CH-95-1502	1	R-A	R1.12	PT/VT-2	04/22/2000	
11448-WMKS-0101A1Z	1-04	1½"-CH-95-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0101A1Z	1-23	2"-CH-95-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0101A2Z	1-01BC	2"-RC-57-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0101A3Z	1-02	2"-RC-199-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0101A3Z	1-05	2"-RC-199-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0102A1Z	1-01A	1½"-CH-93-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0102A1Z	1-03	1½"-CH-93-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0102A1Z	1-04	1½"-CH-93-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0102A1Z	1-07	1½"-CH-93-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0102A1Z	1-14	2"-CH-93-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0102A2Z	1-09	2"-RC-58-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0102A3Z	1-02	2"-RC-200-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0102A3Z	1-07	2"-RC-200-1502	1	R-A	R1.12	VT-2	05/08/2000	
11448-WMKS-0103A2-1	1-04	6"-SHP-45-601	2	R-A	R1.18	UT/MT	05/02/2000	
11448-WMKS-0117A1-1	1-08	14"-RH-1-1502	1	R-A	R1.16	UT	04/22/2000	
11448-WMKS-0118G1-1	1-FW-142	6"-WAPD-3-601	3	R-A	R1.13	UT-T	04/22/2000	

DRAWING	*MARK No.*	*LINE No.*	*CLASS*	*CATEGORY*	*ITEM*	*METHOD*	*EXAM DATE*	*REMARKS*
11448-WMKS-0118G1-1	1-FW-157	4"-WAPD-5-601	3	R-A	R1.13	UT-T	04/22/2000	
11448-WMKS-0122A2	H027-1	10"-RH-17-1502	1	B-K-1	B10.20	PT	04/29/2000	
11448-WMKS-0122A2	H027-2	10"-RH-17-1502	1	B-K-1	B10.20	PT	04/29/2000	
11448-WMKS-0122D1	H006-1	12"-SI-46-1502	1	B-K-1	B10.20	PT	04/21/2000	
11448-WMKS-0122D1	H006-2	12"-SI-46-1502	1	B-K-1	B10.20	PT	04/20/2000	
11448-WMKS-0122D1	H006-3	12"-SI-46-1502	1	B-K-1	B10.20	PT	04/20/2000	
11448-WMKS-0122D1	H006-4	12"-SI-46-1502	1	B-K-1	B10.20	PT	04/20/2000	
11448-WMKS-0122H1	1-09	6"-RC-16-1502	1	R-A	R1.11	UT/PT	04/19/2000	
11448-WMKS-0122H1	1-10	6"-RC-16-1502	1	R-A	R1.11	UT/PT	04/19/2000	
11448-WMKS-0122J1	1-09	6"-RC-21-1502	1	R-A	R1.11	UT/PT	04/19/2000	
11448-WMKS-0122J1	1-10	6"-RC-21-1502	1	R-A	R1.11	UT/PT	04/19/2000	
11448-WMKS-0122K1	2-09	6"-SI-48-1502	1	R-A	R1.11	UT/PT	04/19/2000	
11448-WMKS-0122K1	2-10	6"-SI-48-1502	1	R-A	R1.11	UT/PT	04/19/2000	
11448-WMKS-0127C2	3-R	10"-SI-150-153	2	R-A	R1.11	PT/UT	04/17/2000	
11448-WMKS-0127E2	1-V	8"-SI-14-153	2	R-A	R1.11	UT/PT	04/22/2000	
11448-WMKS-0127G1-1	1-ADF	6"-SI-18-152	2	R-A	R1.12	VT-2	04/18/2000	
11448-WMKS-0127G1-1	1-AUF	6"-SI-78-152	2	R-A	R1.12	VT-2	04/13/2000	
11448-WMKS-0127G2	1-APF	10"-SI-6-153	2	R-A	R1.11	UT/PT	04/18/2000	
11448-WMKS-0127J1	1-05	6"-RC-17-1502	1	R-A	R1.11	UT/PT	04/22/2000	
11448-WMKS-0127J1	1-06	6"-RC-17-1502	1	R-A	R1.11	UT/PT	04/22/2000	
11448-WMKS-0127J2	1-05	6"-RC-19-1502	1	R-A	R1.11	UT/PT	04/26/2000	P
11448-WMKS-0127J2	1-08	6"-RC-19-1502	1	R-A	R1.11	UT/PT	04/26/2000	
11448-WMKS-0127J2	1-11	6"-RC-19-1502	1	R-A	R1.11	UT/PT	04/26/2000	P
11448-WMKS-1022A10	1001	2½"-CC-205-151	3	R-A	R1.12	VT-2	05/04/2000	
11448-WMKS-1022A2	1001	3"-CC-98-151	3	R-A	R1.12	VT-2	05/04/2000	
11448-WMKS-1022A2	1002	1½"-CC-97-151	3	R-A	R1.12	VT-2	05/04/2000	
11448-WMKS-1022A5	1001	1"-CC-95-151	3	R-A	R1.12	VT-2	05/04/2000	
11448-WMKS-1022A7	1001	3"-CC-91-151	3	R-A	R1.12	VT-2	05/04/2000	
11448-WMKS-1022A9	1001	1"-CC-84-151	3	R-A	R1.12	VT-2	05/04/2000	
11448-WMKS-1022A9	1002	1"-CC-84-151	3	R-A	R1.12	VT-2	05/04/2000	

DRAWING	MARK No.	LINE No.	CLASS	CATEGORY	ITEM	METHOD	EXAM DATE	REMARKS
11448-WMKS-1022A9	1003	1"-CC-84-151	3	R-A	R1.12	VT-2	05/04/2000	
11448-WMKS-1105B5	2-AL	3"-CH-2-1503	2	R-A	R1.11	UT/PT	04/19/2000	
11448-WMKS-1105B5	2-AR	3"-CH-2-1503	2	C-F-1	C5.21	UT/PT	04/19/2000	
11448-WMKS-1105B5	2-AT	3"-CH-3-1503	2	R-A	R1.11	UT/PT	04/19/2000	
11448-WMKS-1105B5	2-AZ	3"-CH-3-1503	2	R-A	R1.12	UT/PT/VT-2	04/19/2000	
11448-WMKS-1105B5	2-DF	4"-CH-80-1503	2	R-A	R1.11	UT/PT	04/17/2000	
11448-WMKS-1105B9	1-BCF	4"-CH-89-1503	2	R-A	R1.11	UT/PT	04/17/2000	
11448-WMKS-1106A3	1-SI-H010	2"-SI-81-1502	2	F-A	F1.40	VT-3	04/17/2000	
11448-WMKS-1106A4	1-SI-H009	2"-SI-85-1502	2	F-A	F1.40	VT-3	04/17/2000	
11448-WMKS-1106A4	1-SI-H010	2"-SI-74-1502	2	F-A	F1.40	VT-3	04/17/2000	
11448-WMKS-1106A4	1-SI-H012	2"-SI-70-1503	2	F-A	F1.40	VT-3	04/17/2000	
11448-WMKS-1106A4	5-AF	3"-SI-70-1503	2	R-A	R1.11	UT/PT	04/24/2000	
11448-WMKS-1106A7	1-13	12"-SI-1-153	2	R-A	R1.11	UT/PT	04/28/2000	
11448-WMKS-1106A7	1-15	12"-SI-2-153	2	R-A	R1.11	UT/PT	04/28/2000	
11448-WMKS-1106A7	2-18	12"-SI-5-153	2	R-A	R1.16	UT/PT	04/17/2000	
11448-WMKS-1106A7	4-03	10"-SI-105-153	2	R-A	R1.16	UT/PT	04/17/2000	
11448-WMKS-1106A7	6-04	10"-SI-106-153	2	R-A	R1.16	UT/PT	04/17/2000	
11448-WMKS-1106B2	0-18	3"-SI-147-1503	2	R-A	R1.11	UT/PT	04/18/2000	
11448-WMKS-1106B5	0-16	3"-SI-72-1503	2	R-A	R1.11	UT/PT	04/19/2000	
11448-WMKS-1106B6	0-24	3"-SI-70-1503	2	R-A	R1.11	UT/PT	04/21/2000	
11448-WMKS-RC-E-1C.	TUBES	1-RC-E-1C	1	B-Q	B16.20	ET	04/26/2000	
11448-WMKS-RC-E-2	1-RC-H003	1-RC-E-2	1	F-A	F1.40	VT-3	04/17/2000	
11448-WMKS-RC-P-1A.2	LSHB	1-RC-P-1A	1	B-G-2	B7.60	VT-1	04/20/2000	
11448-WMKS-RC-R-1.1	01-RC-R-1-I	1-RC-R-1	1	B-N-1	B13.10	VT-3	04/26/2000	
11448-WMKS-RH-E-1A	H002-1	1-RH-E-1A	2	C-C	C3.10	PT	04/22/2000	
11448-WMKS-RH-E-1B	H001-1	1-RH-E-1B	2	C-C	C3.10	PT	04/22/2000	
11448-WMKS-RH-P-1A	1-RH-H001	1-RH-P-1A	2	F-A	F1.40	VT-3	04/17/2000	
11448-WMKS-RS-P-2A	2-06	1-RS-P-2A	2	C-G	C6.10	PT	04/21/2000	
11448-WMKS-SI-P-1A	2-05	1-SI-P-1A	2	C-G	C6.10	PT	04/29/2000	
11448-WMKS-SI-P-1A	2-06	1-SI-P-1A	2	C-G	C6.10	PT	04/29/2000	

Unit 1 2000 RFO Pressure Test Program

Zone	*Category*	*Item*	*Description*	*ASME Class*	*Exam Date*
1-SPM-068A-1-4	C-H	C7.30	AUX. FEEDWATER HEADERS	2-3	4/17/00
1-SPM-068A-1-4	C-H	C7.70	AUX. FEEDWATER HEADERS	2-3	4/17/00
1-SPM-068A-1-5	C-H	C7.30	FEEDWATER CROSS CONNECT FROM UNIT 2	2-3	4/16/00
1-SPM-068A-1-5	C-H	C7.70	FEEDWATER CROSS CONNECT FROM UNIT 2	2-3	4/16/00
1-SPM-082A-1-1	C-H	C7.30	VOLUME CONTROL TANK LETDOWN HEADER	2	3/1/00
1-SPM-082A-1-1	C-H	C7.70	VOLUME CONTROL TANK LETDOWN HEADER	2	3/1/00
1-SPM-082A-1-3	C-H	C7.30	VOLUME CONTROL TANK LETDOWN HEADER	2	3/1/00
1-SPM-082A-1-3	C-H	C7.70	VOLUME CONTROL TANK LETDOWN HEADER	2	3/1/00
1-SPM-082A-1-5	C-H	C7.30	VOLUME CONTROL TANK LETDOWN HEADER	2	3/1/00
1-SPM-082A-1-5	C-H	C7.70	VOLUME CONTROL TANK LETDOWN HEADER	2	3/1/00
1-SPM-082B-2-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-082B-2-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-082B-2-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-082B-2-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-082B-2-2	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-082B-2-2	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-082B-2-2	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-082B-2-2	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-082B-2-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-082B-2-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-082B-2-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-082B-2-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-082B-2-4	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-082B-2-4	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-082B-2-4	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-082B-2-4	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-082B-2-9	C-H	C7.30	RCS COLD LEG SAMPLE PENETRATION #56	2	11/18/98
1-SPM-082B-2-9	C-H	C7.70	RCS COLD LEG SAMPLE PENETRATION #56	2	11/18/98

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-083B-3-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-083B-3-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-084A-1-1	C-H	C7.10	REFUELING WATER STORAGE TANK AND CS PUMP SUCT PIPING	2	4/11/00
1-SPM-084A-1-1	C-H	C7.30	REFUELING WATER STORAGE TANK AND CS PUMP SUCT PIPING	2	4/11/00
1-SPM-084A-1-1	C-H	C7.70	REFUELING WATER STORAGE TANK AND CS PUMP SUCT PIPING	2	4/11/00
1-SPM-084A-1-5	C-H	C7.30	RWST COOLERS HDR	2	12/21/99
1-SPM-084A-1-5	C-H	C7.70	RWST COOLERS HDR	2	12/21/99
1-SPM-084A-2-1	C-H	C7.30	REFUELING WATER STORAGE TANK AND CS PUMP SUCT PIPING	2	4/11/00
1-SPM-084A-2-1	C-H	C7.70	REFUELING WATER STORAGE TANK AND CS PUMP SUCT PIPING	2	4/11/00
1-SPM-084A-2-8	C-H	C7.30	REFUELING WATER STORAGE TANK AND CS PUMP SUCT PIPING	2	4/11/00
1-SPM-084A-2-8	C-H	C7.70	REFUELING WATER STORAGE TANK AND CS PUMP SUCT PIPING	2	4/11/00
1-SPM-084A-3-1	C-H	C7.30	REFUELING WATER STORAGE TANK AND CS PUMP SUCT PIPING	2	4/11/00
1-SPM-084A-3-1	C-H	C7.70	REFUELING WATER STORAGE TANK AND CS PUMP SUCT PIPING	2	4/11/00
1-SPM-084A-3-2	C-H	C7.30	REFUELING WATER STORAGE TANK AND CS PUMP SUCT PIPING	2	4/11/00
1-SPM-084A-3-2	C-H	C7.70	REFUELING WATER STORAGE TANK AND CS PUMP SUCT PIPING	2	4/11/00

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-084A-3-3	C-H	C7.30	RWST/CAT CROSS TIE PIPING	2	2/11/00
1-SPM-084A-3-3	C-H	C7.70	RWST/CAT CROSS TIE PIPING	2	2/11/00
1-SPM-084A-3-4	C-H	C7.30	REFUELING WATER CHEMICAL ADDITION TANK	2	4/11/00
1-SPM-084A-3-4	C-H	C7.50	REFUELING WATER CHEMICAL ADDITION TANK	2	4/11/00
1-SPM-084A-3-4	C-H	C7.70	REFUELING WATER CHEMICAL ADDITION TANK	2	4/11/00
1-SPM-084A-3-5	C-H	C7.10	REFUELING WATER CHEMICAL ADDITION TANK	2	4/11/00
1-SPM-084A-3-5	C-H	C7.30	REFUELING WATER CHEMICAL ADDITION TANK	2	4/11/00
1-SPM-084A-3-5	C-H	C7.70	REFUELING WATER CHEMICAL ADDITION TANK	2	4/11/00
1-SPM-085A-1-1	C-H	C7.30	LEAKAGE MONITORING OUTSIDE CONTAINMENT	2	4/27/00
1-SPM-085A-1-1	C-H	C7.70	LEAKAGE MONITORING OUTSIDE CONTAINMENT	2	4/27/00
1-SPM-085A-1-2	C-H	C7.30	LEAKAGE MONITORING INSIDE CONTAINMENT	2	4/27/00
1-SPM-085A-1-2	C-H	C7.70	LEAKAGE MONITORING INSIDE CONTAINMENT	2	4/27/00
1-SPM-085A-1-4	C-H	C7.30	LEAKAGE MONITORING	2	4/27/00
1-SPM-085A-1-4	C-H	C7.70	LEAKAGE MONITORING	2	4/27/00

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-086A-1-1	B-P	B15.30	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-1-1	B-P	B15.30	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-1-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-1-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-1-1	B-P	B15.60	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-1-1	B-P	B15.60	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-1-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-1-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-1-2	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-1-2	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-1-2	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-1-2	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-1-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-1-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-1-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-086A-1-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-1-4	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-1-4	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-1-4	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-1-4	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-1-5	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-1-5	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-1-5	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-1-5	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-2-1	B-P	B15.30	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-2-1	B-P	B15.30	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-2-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-2-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-2-1	B-P	B15.60	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-2-1	B-P	B15.60	REACTOR COOLANT SYSTEM	1	5/8/00

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-086A-2-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-2-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-2-2	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-2-2	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-2-2	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-2-2	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-2-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-2-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-2-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-2-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-2-4	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-2-4	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-2-4	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-2-4	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-2-5	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-086A-2-5	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-2-5	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-2-5	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-3-1	B-P	B15.10	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-3-1	B-P	B15.10	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-3-1	B-P	B15.30	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-3-1	B-P	B15.30	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-3-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-3-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-3-1	B-P	B15.60	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-3-1	B-P	B15.60	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-3-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-3-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-3-2	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-3-2	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-086A-3-2	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-3-2	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-3-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-3-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-3-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-3-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-3-4	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-3-4	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-3-4	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-3-4	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-3-5	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-3-5	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-3-5	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086A-3-5	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-3-6	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-086A-3-6	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-3-6	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086A-3-6	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086B-1-1	B-P	B15.20	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086B-1-1	B-P	B15.20	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086B-1-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086B-1-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086B-1-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086B-1-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086B-1-2	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086B-1-2	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086B-1-2	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086B-1-2	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086B-1-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086B-1-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-086B-1-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086B-1-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086B-1-4	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086B-1-4	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086B-1-4	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086B-1-4	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086B-1-5	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086B-1-5	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086B-1-5	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086B-1-5	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086C-1-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086C-1-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086C-1-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086C-1-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086C-1-2	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-086C-1-2	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086C-1-2	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086C-1-2	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086C-1-4	C-H	C7.30	RIVLOUS TRAINS "A & B" OUTSIDE CTMT	2	2/18/00
1-SPM-086C-1-4	C-H	C7.70	RIVLOUS TRAINS "A & B" OUTSIDE CTMT	2	2/18/00
1-SPM-086C-2-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086C-2-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086C-2-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-086C-2-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-086C-2-3	C-H	C7.30	RIVLOUS TRAINS "A & B" OUTSIDE CTMT	2	2/18/00
1-SPM-086C-2-3	C-H	C7.70	RIVLOUS TRAINS "A & B" OUTSIDE CTMT	2	2/18/00
1-SPM-087A-1-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-087A-1-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-087A-1-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-087A-1-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-087A-1-5	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-087A-1-5	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-087A-1-5	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-087A-1-5	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-087A-2-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-087A-2-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-087A-2-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-087A-2-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-087A-2-4	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-087A-2-4	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-087A-2-4	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-087A-2-4	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-088A-3-1	C-H	C7.30	VOLUME CONTROL TANK LETDOWN HEADER	2	3/1/00
1-SPM-088A-3-1	C-H	C7.70	VOLUME CONTROL TANK LETDOWN HEADER	2	3/1/00
1-SPM-088A-4-2	C-H	C7.30	VOLUME CONTROL TANK LETDOWN HEADER	2	3/1/00
1-SPM-088A-4-2	C-H	C7.70	VOLUME CONTROL TANK LETDOWN HEADER	2	3/1/00

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-088A-4-3	C-H	C7.10	NON REGENERATIVE HEAT EXCHANGER 1-CH-E-2 (CHARGING SIDE)	2	2/17/00
1-SPM-088A-4-3	C-H	C7.30	NON REGENERATIVE HEAT EXCHANGER 1-CH-E-2 (CHARGING SIDE)	2	2/17/00
1-SPM-088A-4-3	C-H	C7.70	NON REGENERATIVE HEAT EXCHANGER 1-CH-E-2 (CHARGING SIDE)	2	2/17/00
1-SPM-088B-1-10	C-H	C7.30	MISC CHARGING 1-CH-FCV-1114A	2	2/16/00
1-SPM-088B-1-10	C-H	C7.70	MISC CHARGING 1-CH-FCV-1114A	2	2/16/00
1-SPM-088B-1-11	C-H	C7.30	MISC CHARGING 1-CH-FCV-1113B	2	2/22/00
1-SPM-088B-1-11	C-H	C7.70	MISC CHARGING 1-CH-FCV-1113B	2	2/22/00
1-SPM-088B-1-3	C-H	C7.10	SEAL RETURN HEADER AND VCT DRAIN TO THE CHARGING PUMPS	2	2/22/00
1-SPM-088B-1-3	C-H	C7.30	SEAL RETURN HEADER AND VCT DRAIN TO THE CHARGING PUMPS	2	2/22/00
1-SPM-088B-1-3	C-H	C7.70	SEAL RETURN HEADER AND VCT DRAIN TO THE CHARGING PUMPS	2	2/22/00
1-SPM-088B-1-4	C-H	C7.10	VOLUME CONTROL TANK LETDOWN HEADER	2	3/1/00
1-SPM-088B-1-4	C-H	C7.30	VOLUME CONTROL TANK LETDOWN HEADER	2	3/1/00
1-SPM-088B-1-4	C-H	C7.70	VOLUME CONTROL TANK LETDOWN HEADER	2	3/1/00
1-SPM-088B-1-7	C-H	C7.30	MISC CHARGING 1-CH-228	2	2/17/99
1-SPM-088B-1-7	C-H	C7.70	MISC CHARGING 1-CH-228	2	2/17/00

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-088B-1-8	C-H	C7.30	MISC CHARGING 1-CH-MOV-1350	2	2/17/00
1-SPM-088B-1-8	C-H	C7.70	MISC CHARGING 1-CH-MOV-1350	2	2/17/00
1-SPM-088B-2-1	C-H	C7.30	CHARGING HEADER AND SEAL INJECTION FILTER	2	2/28/00
1-SPM-088B-2-1	C-H	C7.70	CHARGING HEADER AND SEAL INJECTION FILTER	2	2/28/00
1-SPM-088B-2-10	C-H	C7.30	MISC CHARGING 1-CH-MOV-1350	2	2/17/00
1-SPM-088B-2-10	C-H	C7.70	MISC CHARGING 1-CH-MOV-1350	2	2/17/00
1-SPM-088B-2-2	C-H	C7.30	RWST CROSSTIE	2	2/8/00
1-SPM-088B-2-2	C-H	C7.70	RWST CROSSTIE	2	2/8/00
1-SPM-088B-2-3	C-H	C7.30	CHARGING ALTERNATE HEADER	2	2/18/00
1-SPM-088B-2-3	C-H	C7.70	CHARGING ALTERNATE HEADER	2	2/18/00
1-SPM-088B-2-4	C-H	C7.30	LOW HEAD SAFETY INJECTION PUMP CROSS-TIE TO CHARGING PUMPS	2	4/13/00
1-SPM-088B-2-4	C-H	C7.70	LOW HEAD SAFETY INJECTION PUMP CROSS-TIE TO CHARGING PUMPS	2	4/13/00
1-SPM-088B-2-6	C-H	C7.30	SEAL RETURN HEADER AND VCT DRAIN TO THE CHARGING PUMPS	2	2/22/00
1-SPM-088B-2-6	C-H	C7.70	SEAL RETURN HEADER AND VCT DRAIN TO THE CHARGING PUMPS	2	2/22/00

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-088B-2-9	C-H	C7.30	MISC CHARGING 1-CH-228	2	2/17/00
1-SPM-088B-2-9	C-H	C7.70	MISC CHARGING 1-CH-228	2	2/17/00
1-SPM-088C-1-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-088C-1-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-088C-1-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-088C-1-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-088C-1-2	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-088C-1-2	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-088C-1-2	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-088C-1-2	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-088C-1-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-088C-1-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-088C-1-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-088C-1-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-088C-1-4	C-H	C7.30	CHARGING HEADER AND SEAL INJECTION FILTER	2	2/28/00

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-088C-1-4	C-H	C7.70	CHARGING HEADER AND SEAL INJECTION FILTER	2	2/28/00
1-SPM-088C-1-6	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-088C-1-6	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-088C-1-6	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-088C-1-6	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-088C-1-8	C-H	C7.30	CHARGING ALTERNATE HEADER	2	2/18/00
1-SPM-088C-1-8	C-H	C7.70	CHARGING ALTERNATE HEADER	2	2/18/00
1-SPM-088C-2-1	C-H	C7.30	CHARGING HEADER AND SEAL INJECTION FILTER	2	2/28/00
1-SPM-088C-2-1	C-H	C7.70	CHARGING HEADER AND SEAL INJECTION FILTER	2	2/28/00
1-SPM-088C-2-7	C-H	C7.30	CHARGING ALTERNATE HEADER	2	2/18/00
1-SPM-088C-2-7	C-H	C7.70	CHARGING ALTERNATE HEADER	2	2/18/00
1-SPM-088C-2-8	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-088C-2-8	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-088C-2-8	B-P	B15.60	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-088C-2-8	B-P	B15.60	REACTOR COOLANT SYSTEM	1	11/18/98

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-088C-2-8	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-088C-2-8	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-089A-1-2	C-H	C7.70	LOW HEAD SAFETY INJECTION PUMP "1A"	2	2/23/00
1-SPM-089A-1-3	C-H	C7.30	LOW HEAD SAFETY INJECTION PUMP "1B"	2	2/23/00
1-SPM-089A-1-3	C-H	C7.50	LOW HEAD SAFETY INJECTION PUMP "1B"	2	2/23/00
1-SPM-089A-1-3	C-H	C7.70	LOW HEAD SAFETY INJECTION PUMP "1B"	2	2/23/00
1-SPM-089A-1-5	C-H	C7.30	LHSI PUMP SUCTION PIPING FROM CONTAINMENT SUMP	2	4/26/00
1-SPM-089A-1-5	C-H	C7.70	LHSI PUMP SUCTION PIPING FROM CONTAINMENT SUMP	2	4/26/00
1-SPM-089A-1-6	C-H	C7.30	RWST CROSSTIE	2	2/8/00
1-SPM-089A-1-6	C-H	C7.70	RWST CROSSTIE	2	2/8/00
1-SPM-089A-2-4	C-H	C7.30	LOW HEAD SAFETY INJECTION PUMP "1B"	2	2/23/00
1-SPM-089A-2-4	C-H	C7.70	LOW HEAD SAFETY INJECTION PUMP "1B"	2	2/23/00
1-SPM-089A-2-7	C-H	C7.30	LOW HEAD SAFETY INJECTION PUMP CROSS-TIE TO CHARGING PUMPS	2	4/13/00
1-SPM-089A-2-7	C-H	C7.70	LOW HEAD SAFETY INJECTION PUMP CROSS-TIE TO CHARGING PUMPS	2	4/13/00

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-089A-2-8	C-H	C7.30	SEAL RETURN HEADER AND VCT DRAIN TO THE CHARGING PUMPS	2	2/22/00
1-SPM-089A-2-8	C-H	C7.70	SEAL RETURN HEADER AND VCT DRAIN TO THE CHARGING PUMPS	2	2/22/00
1-SPM-089A-3-3	C-H	C7.30	CHARGING HEADER AND SEAL INJECTION FILTER	2	2/28/00
1-SPM-089A-3-3	C-H	C7.70	CHARGING HEADER AND SEAL INJECTION FILTER	2	2/28/00
1-SPM-089A-3-4	C-H	C7.30	CHARGING ALTERNATE HEADER	2	2/18/00
1-SPM-089A-3-4	C-H	C7.70	CHARGING ALTERNATE HEADER	2	2/18/00
1-SPM-089B-1-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-089B-1-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-089B-1-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-089B-1-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-089B-1-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-089B-1-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-089B-1-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-089B-1-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-089B-2-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-089B-2-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-089B-2-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-089B-2-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-089B-2-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-089B-2-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-089B-2-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-089B-2-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-089B-3-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-089B-3-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-089B-3-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-089B-3-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-089B-3-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-089B-3-3	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-089B-3-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-089B-3-3	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98

Zone	Category	Item	Description	ASME Class	Exam Date
1-SPM-089B-4-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-089B-4-1	B-P	B15.50	REACTOR COOLANT SYSTEM	1	11/18/98
1-SPM-089B-4-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	5/8/00
1-SPM-089B-4-1	B-P	B15.70	REACTOR COOLANT SYSTEM	1	11/18/98
2-SPM-089A-1-6	C-H	C7.30	RWST CROSSTIE	2	2/8/00
2-SPM-089A-1-6	C-H	C7.70	RWST CROSSTIE	2	2/8/00

SYSTEM PRESSURE TEST PROGRAM

CODE CASE N-522 PRESSURE TESTS

The following zones were pressure tested in accordance with Code Case N-522 and the Appendix "J" Type "C" Program:

1-SPM-085A-1-3
1-SPM-083A-1-2
1-SPM-083B-1-2
1-SPB-047B-1-1
1-SPM-075J-1-1
1SPM-118A-2-1
1-SPM-118A-2-2
1-SPM-130B-1-1
1-SPM-124A-1-1
1-SPM-124A-2-1
1-SPM-124A-3-1
1-SPM-075G-1-1
1-SPM-071A-3-4
1-SPM-083A-1-3
1-SPM-083B-3-1
1-SPB-006A-1-2

Abstract of Examinations

Containment Inservice Inspection

Examinations performed for Category IWE did not identify any conditions which would affect inaccessible areas and require reporting per 10 CFR 50.55a(b)(viii)(E) or 10 CFR 50.55a(b)(ix)(A).

Abstract of Examination
Snubber Program

During the Unit 1 Refueling Outage in April 2000, the following activities were performed to implement the snubber program:

1. Functional Test Program: a total of 21 snubbers were selected for functional test including 14 hydraulic snubbers, 6 mechanical snubbers and one large bore snubber. No failure was found.

2. Seal Replacement Program: a total of 24 hydraulic snubbers were selected for seal replacement. These snubbers were replaced with a rebuilt snubber or a new snubber.

3. Visual Inspection Program: all snubbers were inspected in accordance with surveillance procedure 1-NPT-PR-002 "Snubber Visual Inspection".

Virginia Power
Surry Unit 1 April, 2000
90 Day Steam Generator Report

Station	Unit	Outage Date	Generator Examined			Date of Report
Surry	1	April, 2000			C	05/08/00

Scope of Inspection

SG	Inspection Program	Planned	Inspected	Inspection Method	Extent
C	Bobbin	3337	3337	Bobbin	*
C	Row 1 U-Bend RPC	94	94	Single Coil RPC	7H – 7C
C	TTSH RPC	669	669	3-Coil RPC	TSH +/- 3"
C	Special Interest Hot Leg	18	18	+Point RPC	N/A
C	Special Interest U-Bend	1	1	Single Coil RPC	N/A

*Note: 2962 tested TEC-TEH; 182 tested 7C-TEH & 7C – TEC; 1 tested 5C-TEH & 7C- TEC; 80 tested 7H-TEH; 7C-TEC & 7H-7C; 18 tested 7C-TEH, 7C-TEC & 7H-7C; 94 tested 7H-TEH & 7C-TEC

Indications of Imperfections Detected

SG	NDE Method	Row	Column	Indication Code	Location	Active Yes/No	Measured Wall Penetration
C	Bobbin	22	7	11%	AV3	No	11%
C	Bobbin	27	10	13%	AV3	No	13%
C	Bobbin	31	13	19%	AV2	No	19%
C	Bobbin	31	13	26%	AV4	No	26%
C	Bobbin	35	17	20%	AV1	No	20%
C	Bobbin	37	20	14%	AV1	No	14%
C	Bobbin	37	20	22%	AV2	No	22%
C	Bobbin	37	20	16%	AV3	No	16%
C	Bobbin	39	23	13%	AV1	No	13%
C	Bobbin	39	23	18%	AV2	No	18%
C	Bobbin	39	23	21%	AV3	No	21%
C	Bobbin	41	27	22%	AV2	No	22%
C	Bobbin	42	29	30%	AV1	No	30%
C	Bobbin	42	29	23%	AV2	No	23%
C	Bobbin	42	29	12%	AV3	No	12%
C	Bobbin	42	30	20%	AV3	No	20%
C	Bobbin	42	31	15%	AV1	No	15%
C	Bobbin	42	31	17%	AV2	No	17%
C	Bobbin	42	31	14%	AV3	No	14%
C	Bobbin	42	31	14%	AV4	No	14%
C	RPC	11	38	VOL/WEAR	AV2+1.19	No	22% (Bobbin)
C	Bobbin	35	46	17%	AV3	No	17%
C	Bobbin	34	60	19%	AV1	No	19%
C	Bobbin	34	60	24%	AV2	No	24%
C	Bobbin	34	60	33%	AV3	No	33%
C	Bobbin	34	60	16%	AV4	No	16%
C	Bobbin	31	82	24%	AV2	No	24%
C	Bobbin	31	82	20%	AV3	No	20%
C	Bobbin	31	82	19%	AV4	No	19%

Tube Plugging		
SG	Reason/Mechanism	Tubes Plugged
C	AVB Wear	7
C	AVB Wear (VOL)	1
Total Tubes Plugged		8

Repair Attributions				
SG	Row	Column	Reason/Mechanism	Repair Method
C	31	13	AVB Wear	Plug
C	37	20	AVB Wear	Plug
C	41	27	AVB Wear	Plug
C	42	29	AVB Wear	Plug
C	42	30	AVB Wear	Plug
C	34	60	AVB Wear	Plug
C	31	82	AVB Wear	Plug
C	11	38	AVB Wear (VOL)	Plug

Plugging/Repair Record					
SG	Tubes Plugged	Tubes Repaired (Not Plugged)	Percent Plugged	Percent Repaired (Not Plugged)	Percent Plugged or Repaired
A	11	0	0.33	0	0.33
B	14	0	0.42	0	0.42
C	13	0	0.39	0	0.39

TUBE INTEGRITY ASSESSMENT

Overall condition assessments have been delineated in the Surry Steam Generator Monitoring and Inspection Program Plan (Reference 1). Consistent with the NEI 97-06 requirements, a pre-outage assessment (Reference 2) was performed to identify any relevant or potential degradation mechanisms to be considered for the Surry Unit 1 steam generators (S/Gs) and to identify the appropriate inspection scope and eddy current probe requirements.

As required by NEI 97-06, performance criteria in this document are established in three areas:

- Tubing Structural Integrity
- Operational Leakage
- Projected Accident Leakage

The inspection performed on the "C" steam generator was consistent with the Program Plan. The results of the inspection formed the basis of the condition monitoring and operational assessment performed for this outage.

Condition Monitoring and Operational Assessment of the steam generator tube bundles are performed to verify that the condition of the tubes, as reflected in the

inspection results, is in compliance with the plant licensing basis. Defects detected are evaluated to confirm that Reg. Guide 1.121 margins against leakage and burst were not exceeded at the end of this operating cycle. The results of the Condition Monitoring evaluation are used as a basis for an Operational Assessment, which demonstrates prospectively that the anticipated performance of the steam generators will not exceed the margins against leakage and tube burst specified by Reg. Guide 1.121 during the ensuing operating period.

The inspection of the Surry Unit 1 "C" steam generator was consistent with all current regulatory requirements and the results of this inspection formed the basis for the condition monitoring and operational assessments performed for this outage. Operating conditions over the last cycle or discovery of any industry issue did not warrant any significant change to the previously planned tube inspection scope.

Results of the steam generator "C" inspection continue to show that no corrosion related degradation (i.e. primary water stress corrosion cracking (PWSCC), outside diameter stress corrosion cracking (ODSCC), Inter-granular attack (IGA), pitting, etc.) is operative in the Surry Unit 1 steam generators. The accumulated operating time on this unit since replacement is approximately 14.0 effective full power years (EFPY). The only indications reported during the inspection of steam generator "C" were tube wear at anti-vibration bar (AVB) contact points and one case of wear adjacent to an AVB contact point associated with the bottom (V-section) of the AVB. All of the indications found were below the bounding structural limits including 3 delta P burst pressure margins for uniform wall thinning. Hence, acceptable tube integrity at the end of the current operating cycle is demonstrated and condition monitoring and operational assessment requirements on burst pressure and accident condition leak rates are satisfied.

The condition of the Surry Unit 1 steam generators, as indicated by the results of the Condition Monitoring Evaluation, satisfy the requirements of Reg. Guide 1.121 with respect to structural and leakage integrity margin. The completed operating interval, that is time since the last Steam Generator "C" inspection, was approximately 48.8 effective full power months (EFPM). The cumulative operating period for all of the Unit 1 replacement S/Gs was 168.4 EFPM. The planned operating interval before the next inspection of Steam Generator "C" is approximately 48.1 EFPM. With only AVB wear being reported following the end of cycle 11 (EOC11) replacement operation and the preventative plugging of eight (8) tubes, no known condition exists that would exceed structural and leakage margin requirements before the end of next planned operating interval for Steam Generator "C". Thus, the Operational Assessment requirements are satisfied.

2.0 Surry Unit 1 – Summary of Evaluated Degradation Mechanisms, Inspection Methods, and Plan

No corrosion-related degradation, (i.e., PWSCC, ODSCC, IGA, pitting, etc.) has been identified on this unit to date. Table 1.0 is a summary of the Surry Unit 1 tube plugging attributions. A total of 30 tubes were plugged prior to the April 2000 outage.

A wear indication not associated with AVB contact points was identified on tube R11 C38. This is the first instance of wear at this location in the Surry steam generators. The wear was located between AVB 2 and AVB 3. Since the indication reported by bobbin was not directly at an AVB location, the indication was initially called a non-quantifiable indication (NQI) and examined with a rotating pancake probe (RPC). The RPC inspection confirmed the indication to be one-sided wear. The AVB's are V-shaped bars which extend into the bundle to Row 8 and Row 11. The wear indication seen on R11 C38 appeared to correspond to the bottom of the AVB rather than at the leg of the AVB. Review of 1995 inspection results showed no evidence of the wear at this location. Due to its location, the indication was dispositioned as a volumetric indication (VOL).

Mechanical tube wear at AVB contact points has been observed in the Surry Unit 1 steam generators at very low levels. The data to date indicates it to be "inactive" for all steam generators as defined by the EPRI Rev. 5 Examination Guidelines. One (1) tube was plugged for AVB contact points as a result of the 1995 inspection on the "C" steam generator. Seven (7) AVB locations in five (5) tubes were left in service in accordance with plugging evaluation requirements in place at that time.

As indicated by Table 1, prior to this inspection a total of only seven (7) tubes had been plugged for AVB wear in Unit 1 between the three (3) steam generators. Also as a conservative measure, the past practice has resulted in plugging tubes for this condition that were less than the 40% TW plugging limit.

The inspections conducted during this outage follow the philosophy established in the Surry Station Steam Generator Monitoring and Inspection Program Plan (Reference 1). The pre-outage assessment assumed the possibility of C/L pitting in "C" steam generator since this steam generator had not been previously screened using the current analysis guidelines. However, the current inspection results verified that pitting is not an "existing" mechanism in "C" steam generator.

The pre-outage assessment also covers salient observations of industry experience. In addition, site specific data that were not available at the issuance of the January 1999 Program Plan, such as secondary side deposit characterization and analyses, have been evaluated and, where appropriate, integrated into the inspection process. Details of the current inspection and results are included in the Steam Generator Services Summary Report provided

by Westinghouse Electric Company (Reference 3). Hence, only the specific results relating to the condition evaluation will be covered in this document.

Table 1.0 Surry Unit 1 Tube Plugging Attributions

Date	AVB Wear	Freespan	Tube Pull	Foreign Object	Pitting	Anomalies	Other	Total
Pre Srv (S/G A, B, C)	0	0	0	0	0	0	2	2
Mar – 83 (S/G B, C)	0	0	0	0	0	0	0	0
Nov – 84 (S/G A, B)	0	0	0	0	0	0	3 – S/G A 1 – S/G B	4
Jun – 86 (S/G A, B, C)	0	0	1 – S/G C	0	0	0	2 – S/G B 1 – S/G C	4
Apr – 88 (S/G B, C)	0	0	0	0	0	0	0	0
Oct – 90 S/G A, B, C)	0	0	2 – S/G C	0	0	0	0	2
Mar – 92 (S/G A)	1 – S/G A	1 – S/G A	0	0	0	0	0	2
Feb – 94 (S/G B)	4 – S/G B	0	0	0	0	0	0	4
Oct – 95 (S/G C)	1 – S/G C	0	0	0	0	0	0	1
Mar – 97 (S/G A)	1 – S/G A	0	0	0	0	0	4	5
Oct – 98 (S/G B)	0	0	0	3	0	0	3	6
Apr – 00 (S/G C)	8 – S/G C	0	0	0	0	0	0	8
							Cumulative Total: 38	

3.0 Condition Monitoring Assessment – Tube Integrity Evaluation

The condition monitoring assessment is an evaluation of the past operating cycle relative to the structural and leakage integrity margin based upon current inspection results. The condition of the Surry Unit 1 steam generators, as indicated by the results of the inspection performed on "C" steam generator, satisfies the requirements of Reg. Guide 1.121 with respect to structural and leakage integrity margin for the recently completed operating period. The following is a discussion of the inspection results and the evaluations performed.

3.1 Tube Inspection Results

No findings corresponding to crack-like indications were observed on the inspection conducted on "C" steam generator. The April 2000 inspection plan included:

1. Full length bobbin inspection of 3337 tubes, which is 100 % of the tubes in the "C" steam generator. This equates to a 33% sample of the total tube population in all three (3) steam generators.

2 Focused RPC inspections at the H/L top of tubesheet of 669 tubes This equates to a 60 % tube sample of the Critical Area population of all three steam generators as defined for the Surry steam generators. This population is a 20% sample of the H/L top of tubesheet in "C" steam generator.

3. U-bend inspection of 94 tubes, which is 100% of the Row 1 tubes in the Critical Area of the "C" steam generator. This equates to a 33% sample of Row 1 U-bends in all three (3) steam generators.

No conditions indicative of corrosion degradation were noted from these eddy current programs.

During the bobbin inspection of steam generator C, forty-six (46) Dent (DNT) signals were reported at the 6th tube support plate location and twenty (20) DNT signals were reported at the 7th tube support plate location. Four (4) tubes contained DNT signals at both the 6th and 7th support locations. As specified in the Surry Site Specific Eddy Current Analysis Guidelines "SRY-SGPMS-002 Rev. 4", dents or bulges greater than or equal to 5 volts must be re-inspected with a rotating surface riding coil unless they can be confirmed as unchanged based upon a review of historical data. Seventeen (17) DNT indications at the 6th support were greater than 5 volts and did not appear on previous inspection data, therefore, these locations were inspected with the Plus Point RPC Probe. The DNT signals at the 6th and 7th supports are located at or near the edges of the support plate and do not represent the same denting issue associated with drilled carbon steel support plates. Since this was the first application of the Plus Point

for resolution of bobbin findings, a summary of this effort was documented and presented to Station management (Reference 5).

Plus point inspection of the seventeen "DNT" indications at 6H confirmed the tube support plate related signals to be low-level dents corresponding to the edge of the tube support plate. No crack-like or other forms of tube degradation were noted. Some locations exhibited multiple dent indications corresponding to the quatrefoil lands.

RPC inspection of the top of the hot leg tubesheet location was performed for 669 tubes. This program focused primarily on the low velocity region in the middle of the bundle. These inspections revealed no evidence of degradation.

94 Row 1 U-bends were inspected with single coil RPC probes. No indications or anomalies were noted.

As previously indicated, no PIT indications were found during the current inspection.

Twenty-eight (28) AVB intersections, in thirteen (13) tubes, were identified with tube wear in the "C" steam generator. The maximum indicated wear depth (33 %) was reported at R34 C60. The wear indications reported are below the tube repair limit and well below the structural limit, therefore, tube integrity for the "C" steam generator for the last operating interval was clearly not challenged. The average growth rate per cycle since the last inspection was 4.1 %, and the maximum growth rate per cycle was 8.0 %. These growth rates are approximately twice the values observed following prior inspections.

Table 2 lists all tubes with AVB wear "calls" reported during the current inspection, along with their associated "growth" rates. As referenced in the Surry site specific Steam Generator Program Plan, the structural limit bounding analysis for uniform wear of a 7/8" diameter x 0.050" thick tube is 60 % through wall, that is 0.020 inch remaining wall. None of the AVB indications identified at this inspection approached the structural limit. The detailed plugging evaluation is contained in Reference 6.

During this examination, the Virginia Power NDE Level III performed random data checks as well as a final verification of the planned versus completed inspection program.

TABLE 2
SURRY UNIT 1 – APRIL 2000
STEAM GENERATOR EDDY CURRENT INSPECTION SUMMARY – AVB PERCENT SIGNALS

Row / Column	Indication	AVB Loc.	VOLTAGE	% TW 2000 Outage	% TW 1995 Outage (Based on Review of 1995 Data)	% TW Change	Growth Rate (%/Cycle)
R22 C7	PCT	AV3	0.21	11	3	8	2.67
R27 C10	PCT	AV3	0.26	13	9	4	1.33
R31 C13	PCT	AV2	0.51	19	7	12	4
R31 C13	PCT	AV4	0.96	26	10	16	5.33
R35 C17	PCT	AV1	0.55	20	10	10	3.33
R37 C20	PCT	AV1	0.32	14	NDD	14	4.67
R37 C20	PCT	AV2	0.7	22	NDD	22	7.33
R37 C20	PCT	AV3	0.39	16	NDD	16	5.33
R39 C23	PCT	AV1	0.28	13	NDD	13	4.67
R39 C23	PCT	AV2	0.5	18	8	10	3.33
R39 C23	PCT	AV3	0.67	21	7	14	4.67
R41 C27	PCT	AV2	0.7	22	NDD	22	7.33
R42 C29	PCT	AV1	1.49	30	20	10	3.33
R42 C29	PCT	AV2	0.79	23	9	14	4.67
R42 C29	PCT	AV3	0.26	12	NDD	12	4
R42 C30	PCT	AV3	0.61	20	NDD	20	6.67
R42 C31	PCT	AV1	0.38	15	9	6	2
R42 C31	PCT	AV2	0.43	17	7	10	3.33
R42 C31	PCT	AV3	0.33	14	6	8	2.67
R42 C31	PCT	AV4	0.32	14	12	2	0.67
R35 C46*	PCT	AV3	0.38	17	13	4	1.33
R34 C60	PCT	AV1	0.51	19	16	3	1
R34 C60	PCT	AV2	0.81	24	11	13	4.33
R34 C60	PCT	AV3	1.84	33	14	19	6.33
R34 C60	PCT	AV4	0.39	16	NDD	16	5.33
R31 C82	PCT	AV2	0.86	24	NDD	24	8
R31 C82	PCT	AV3	0.6	20	NDD	20	6.67
R31 C82	PCT	AV4	0.52	19	14	5	1.67

Notes: Average Wall Loss Rate = 4.1425 % / Cycle. Maximum Wall Loss Rate = 8.0 % / Cycle

3.2 Projected Accident Leakage

Inspection findings do not indicate that leakage would have occurred since the previous inspection findings have not identified any operative degradation mechanisms since the unit 1 S/G replacement.

The condition of the Surry Unit 1 steam generators, as indicated by the results of the inspection performed on the "C" steam generator, satisfy the requirements of

Reg. Guide 1.121 with respect to structural and leakage integrity margin for the recently completed operating period.

4.0 Operational Assessment: Tube Integrity and Leakage

4.1 Discussion

Based upon information contained in Technical Report NE-1214, Rev. 0 "Fuel Management Scheme 1999-B," the past operating interval between inspections of the "C" steam generator was 48.8 EFPM. This steam generator has operated for 11 fuel cycles since installation. The projected operating interval until the next inspection of S/G C is approximately 48.1 EFPM. No conditions were identified during the current completed inspection efforts that would impact the structural and leakage performance of the Unit 1 steam generators through the next planned operating interval. The findings of this inspection support maintaining general and focused tubing inspections on one steam generator per refueling cycle as currently specified in the Surry Steam Generator Monitoring and Inspection Program.

The only degradation that is expected over the long term is wear at AVB locations. AVB wear, if present, is reported during bobbin testing. Typically, indications begin to be reported at approximately 10% through wall and, in general, are slow growing. As shown in Table 2, the average AVB wear seen this outage for the C steam generator was 4.1% with a maximum of 8%. These values are higher than seen previously. Typical growth rates of 2% to 5% throughwall per cycle have been experienced in the past at Surry.

The following evaluation was performed to evaluate the projected AVB wear depths for locations exhibiting AVB wear signals that will remain in service following the April 2000 inspection. This evaluation will address all AVB wear conditions relative to tube integrity requirements at the end of the next planned operating interval (3 Cycles – 48.1 EFPM) for the "C" steam generator. The projection is based on 8 % / Cycle growth rate and a total NDE uncertainty of 8.58 %.

The appropriate NDE technique performance data for the bobbin probe for detection and sizing of AVB wear is based on the EPRI database (ETSS # 96004). Using the EPRI database, a technique uncertainty of 4.956 % at a 90% confidence interval is obtained. The analyst uncertainty for wear measurements is obtained from the "Capabilities of Eddy Current Data Analysts to Detect and Characterize Defects in SG Tubes" D. H. Harris, 15th Steam Generator NDE Workshop, Long Beach, CA, July 1996. The value obtained for analyst variability is 7.04 %. As discussed in EPRI Report TR-107621, R1, "Steam Generator Integrity Assessment Guidelines", dated March 2000, the total NDE uncertainty is equal to the square root of the sum of the squares of measuring uncertainty and the analyst uncertainty. These values result in a total NDE uncertainty associated

with AVB sizing of 8.58 %. Projected throughwall depths for indications left in-service are shown in Table 3.

Table 3
Surry Unit 1 "C" Steam Generator
Projected Through Wall % Depths for AVB Indications
Left In-Service at the End of the Next Planned Inspection

Row / Column	Wear Location	% TW 2000 Inspection (A)	*Projected %TW after 48.1 EFPM (B)
R22 C7	AV3	11	43
R27 C10	AV3	13	45
R35 C17	AV1	20	52
R39 C23	AV1	13	45
	AV2	18	50
	AV3	21	53
R42 C31	AV1	15	47
	AV2	17	49
	AV3	14	44
	AV4	14	44
R35 C46	AV3	17	49

*Projected % TW = % TW 2000 inspection + [(8% Growth / cycle) x 48.1/48.8 Cycles x 3 Cycles] + 8.58%

The above projections indicate that no structural integrity concerns exist for the planned operating interval of Surry Unit 1 "C" steam generator. As discussed earlier, the structural limit bounding analysis for uniform wall of a 7/8" diameter x 0.050" thick tube is 60% through wall.

Although there are no findings of concern, primary-to-secondary leakage events will continue to be conservatively handled based upon site monitoring procedures. Incorporation of industry recommended values specified in Revision 2 to the EPRI Primary-to-Secondary Leakage Guideline will be evaluated as a part of the assessment of the current leakage procedures and related commitments to the NEI 97-06 Steam Generator Program Guideline Document.

Chemistry controls similar to those that were maintained in last cycle are expected to be maintained throughout the next cycle. The impact on planned inspection cycles and scopes due to chemistry excursions or significant changes to treatment programs will be evaluated on a case-by-case basis. Due to the low amount of sludge being removed and the continued low corrosion product transport, planning for sludge lancing or other enhanced cleaning methods will continue to be based upon a frequency of every other outage. The laboratory

analysis and review of scale samples will be evaluated with respect to the frequency that sludge lancing is performed. Supplemental inspections and enhanced cleaning methods will be pursued consistent with the Steam Generator Advisory Committee recommendations from the October 1999 meeting. Subsequent Program Plan requirements will be modified and approved as necessary.

4.2 Conclusion

Based on the results of this eddy current inspection, past inspections, and current chemistry operating practices, "C" steam generator meets the performance criteria to operate for at least three cycles before the next planned tubing inspection. A review of the planned inspection interval will be conducted if other issues are identified during the intervening inspection of the other Surry steam generators or if relevant industry findings are noted during the inspection of similar model steam generators. Results to date indicate that the currently planned tubing inspection interval on Unit 1 S/G "A" and S/G "B" can remain as planned. S/G "A" is currently scheduled for inspection during the Fall of 2001 and S/G "B" for the Spring of 2003.

Results of secondary side inspections continue to demonstrate reliable operation. Continuing diligence on chemistry and Foreign Material Exclusion (FME) control will support long term performance. Evaluation and monitoring will continue as planned and described in the Monitoring and Inspection Program Plan. Continuing awareness of any related industry issues will be considered when planning future inspections.

Corrective Actions Planned

None

Evaluation (If SG condition does not meet previous cycle operational assessment)

Not Applicable

References

1. Surry Power Station Units 1 and 2 Steam Generator Monitoring and Inspection Program, SPS-SGMIPP-001, Revision 2, January 1999.

2. Steam Generator Monitoring Program Pre-Outage Assessment, Surry 1, Dated February 23, 2000.

3. Westinghouse Services Summary Report, Surry Unit 1, LTR-CDME-00-69, Dated May 3, 2000.

4. Westinghouse Eddy Current Inspection Results, Surry Unit 1 S/G "C", Dated April 2000.

5. Discussion paper, "DNT Signal Resolution Steam Generator C, April 24, 2000.

6. Surry Unit 1 Steam Generator "C" Tube Evaluation and Plugging Summary, April 26, 2000.

Glossary of Terms

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

MBM: Manufacturing Buff Mark - A shallow tube wall loss due to manual buffing of minor surface imperfections during steam generator construction.

RST: Restricted tube

%TW: Percent through wall reduction of tube

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

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

Attachment 2

Surry Power Station Unit 1

Inservice Inspections

Repairs and Replacements

Abstract of Examinations
NIS-2 Forms

Repairs and Replacements

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

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

RR# 99-001, replace nuts on 1-CS-45. Completed under work order 00395965-01 on 2/1/99.

RR# 99-003, overhaul valve, 01-CH-FCV-1114A. Completed under work order 00404726-08 on 4/23/00.

RR# 99-065, replace valve 01-IA-704. Completed under work order 00409902-01 on 5/20/99.

RR# 99-090, replace valve 01-DA-TV-100A. Completed under work order 00418759-01 on 10/16/99.

RR# 00-001, replace valve 01-DA-TV-100A. Completed under work order 00422804-06 on 1/13/00.

RR# 00-007, modify pipe support, DCP 98-052, 01-SI-PH-1106A5.8. Completed under work order 00414328-07 on 2/17/00.

RR# 00-008, modify pipe support, DCP 98-052, 01-SI-PH-M1106A5.7. Completed under work order 00414328-08 on 2/21/00.

RR# 00-010, modify pipe support, DCP 98-052, 01-SI-PH-106.5. Completed under work order 00414328-10 on 2/23/00.

RR# 00-011, replace support, DCP 98-052, 1-SI-PH-106.3. Completed under work order 00414328-11 on 3/14/00.

RR# 00-012, replace support, DCP 98-052,01-SI-PH-106.4. Completed under work order 00414328-12 on 3/23/00.

RR# 00-013, remove U-bolt, DCP 98-052, 01-SI-PH-24.4. Completed under work order 00414328-13 on 3/27/00.

RR# 00-014, replace support, DCP 98-052, 01-SI-PH-24.3. Completed under work order 00414328-14 on 3/27/00.

RR# 00-015, DCP 98-052, 01-SI-PH-M127C1.7. Completed under work order 00414328-15 on 5/5/00.

RR# 00-023, replace pipe and valve 01-SI-436. Completed under work order 00400884-02 on 4/26/00.

RR# 00-024, install plug on 01-CH-FCV-1160. Completed under work order 00406546-01 on 4/26/00.

RR# 00-026, replace valve 01-CN-135. Completed under work order 00400745-01 on 4/30/00.

RR# 00-028, replace 18" pipe 01-CN-PPS-84. Completed under work order 00415601-06 on 4/24/00.

RR# 00-029, replace pipe on 01-FW-PP-TW-2. Completed under work order 00415601-20 on 5/3/00.

RR# 00-037, replace pipe and elbows on 01-FW-PSF2-83. Completed under work order 00415601-05 on 5/3/00.

RR# 00-039, replace pipe and components on U1"A" SI Pump Recirc Line. Completed under work order 00414328-03 on 5/5/00.

RR# 00-040, modify piping on U1 "B" SI Pump Recirc Line. Completed under work order 00414328-04 on 4/29/00.

RR# 00-045, replace plug on trim of 01-RC-HCV-1557A. Completed under work order 00387033-01 on 5/3/00.

RR# 00-047, remove valve for testing, 01-RC-SV-1551A. Completed under work order 00413863-01 on 5/4/00.

RR# 00-048, replace fasteners 01-RC-SV-1551B. Completed under work order 00413864-01 on 5/3/00.

RR# 00-049, replace fasteners 01-RC-SV-1551C. Completed under work order 00413865-01 on 5/3/00.

RR# 00-054, replace pipe and elbow, 1-FW-PPS-121. Completed under work order 00415601-04 on 5/4/00.

RR# 00-055, replace elbow, 1-FW-PPS-350. Completed under work order 00415601-21 on 4/18/00.

RR# 00-056, replace pipe and elbow, 1-FW-PSF2-101. Completed under work order 00415601-03 on 5/3/00.

RR# 00-057, replace valve, 01-FW-FCV-150B. Completed under work order 00365784-02 on 5/1/2000.

RR# 00-058, replace check valve, 01-CH-478. Completed under work order 00363064-02 on 4/28/00.

RR# 00-062, replace valve seat and perform base metal repair, 01-MS-RV-101C. Completed under work order 00379173-04 on 5/4/00.

RR# 00-066, replace cage and plug assembly, 01-RC-PCV-1456. Completed under work order 00411975-01 on 4/28/00.

RR# 00-074, replace valve bonnet, 01-CS-27. Completed under work order 00426851-04 on 4/25/00.

RR# 00-078, replace bolting, 01-SI-130. Completed under work order 00428724-01 on 4/26/00.

RR# 00-081 replace flange bolting, 01-CS-132. Completed under work order 00428889-01 on 4/27/00.

RR# 00-084 replace 14" pipe, 01-FW-PPS-357. Completed under work order 00415601-26 on 5/3/00.

RR# 00-087 replace secondary manway cover, 01-RC-E-1A-HTEXCH. Completed under work order 00428662-01 on 4/28/00.

RR# 00-089 replace valve disc, 01-MS-SV-101A. Completed under work order 00414200-01 on 5/4/00.

RR# 00-090 replace valve disc, 01-MS-SV-103A. Completed under work order 00414206-01 on 5/4/00.

RR# 00-091 replace spindle and valve disc, 01-MS-SV-104A. Completed under work order 00414209-01 on 5/4/00.

RR# 00-092 replace valve spindle, 01-MS-SV-105B. Completed under work order 00414213-01 on 5/4/00.

RR# 00-093 replace valve disc, 01-MS-SV-103B. Completed under work order 00414207-01 on 5/4/00.

RR# 00-095 replace valve disc, 01-MS-SV-101B. Completed under work order 00414201-01 on 5/4/00.

RR# 00-97 replace component cooling piping, 1"-CC-84-151. Completed under work order 00414741-04 on 4/28/00.

RR# 00-103 replace bonnet bolting, 01-CS-38. Completed under work order 00400537-01 on 5/4/00.

RR# 00-104 replace valve disc and stem, perform weld repairs, 01-MS-RV-101C. Completed under work order 00379173-01 on 5/7/00.

RR# 00-106 weld repair on union, 1-RC-FT- 1426. Completed under work order 00430617-01 on 5/8/00.

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company (Name) — Date April 25, 1999

5000 Dominion Blvd., Glen Allen, VA 23060 (Address) — Sheet 1 of 1

2. Plant Surry Power Station (Name) — Unit: 1

5570 Hog Island Road, Surry, VA 23883 (Address) — R/R 99-001 Work Order 395965-01 (Repair Organization P.O. No. Job No., etc.)

3. Work Performed By Virginia Electric & Power Company (Name) — Type Code Symbol Stamp N/A

Authorization No. N/A

5000 Dominion Blvd., Glen Allen, VA 23060 (Address) — Expiration Date N/A

4. Identification of System Containment Spray System, Class 2

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1, N-7 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition with Summer 1983 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)
½" Nut	Mackson Inc.	Heat # 706443	N/A	1-CS-45	1997	Replacement	No

7. Description of Work Replaced nuts during check valve inspection.

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

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

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks P.O.# CNT 572334

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Patrick Naught, ISI Engineer (Owner or Owner's Designee, Title) Date April 25, 1999

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 11/1/98 to 5/1/99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Mark M Shea (Inspector's Signature) Commissions mk 5/11/99 Va ~~883~~ VA424-R (National Board, State, Province, and Endorsements)

Date May 7 1999

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 June 20, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-99-003 W.O.00404726-08
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Chemical and Volume Control

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
Plug (Trim Assembly)	Copes-Vulcan Inc.	Heat #33783	N/A	Mark #38-01-CH-FCV-1114A	N/A	Replacement	No

7. Description of Work Overhaul Valve

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O. CNT-395682 (Plug for Trim Assembly)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed [signature] T & I Engineer Date 6/20, 19 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 2/16/00 to 7/6/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions VA. 883

Inspector's Signature

National Board, State, Province, and Endorsements

Date 7/6, 19 2000

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 June 30, 1999
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 2
   Address
2. Plant Surry Power Station — Unit: del 7/1/94 2 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 99-065 W. O.#00409902-01
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Instrument Air

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition with Summer 1983 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)
2" Pipe Flange	Va.Power	N/A	N/A	01-IA-704	N/A	Replacement	No
Copper Tubing	Va.Power	N/A	N/A	01-IA-704	N/A	Replacement	No
Tubing Coupling	Va. Power	N/A	N/A	01-IA-704	N/A	Replacement	No
Gate Valve	Va.Power	N/A	N/A	01-IA-704	N/A	Replacement	No
2" Elbow Pipe	Va.Power	N/A	N/A	01-IA-704	N/A	Replacement	No

7. Description of Work Replaced Valve N-416-1 Code Case Applies

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.#SY412594(Pipe Flange) P.O.#NT451083(Copper Tubing)

Applicable Manufacturer's Data Reports to be attached

P.O.#NT502067(Tubing Coupling) P.O.#NT513054(Valve Gate)

P.O.#45016156(Elbow Pipe)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed W. L. Rogers ISI Engineer (Owner or Owner's Designee, Title) Date 7/1, 19 99

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 5/6/99 to 7/6/99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

J. G. Smith (Inspector's Signature) Commissions Va. 883 (National Board, State, Province, and Endorsements)

Date 7/6 19 99

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 June 30, 1999
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 2 of 2
   Address
2. Plant Surry Power Station — Unit: 2 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 99-065 W. O.#00409902-01
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Instrument Air

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition with Summer 1983 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)
2" Tee	Va.Power	N/A	N/A	01-IA-704	N/A	Replacement	No

7. Description of Work Replaced Valve N-416-1 Code Case Applies

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.#SY397977(2" Tee)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] IST Engineer Date 7/1, 19 99
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 5/6/99 to 7/6/99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions Va. 883
Inspector's Signature — National Board, State, Province, and Endorsements

Date 7/6/ 19 99

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 May 30, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-99-090 W.O.00418759-01
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No.: N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Drains Aerated

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
2" Trip Valve	Crosby	N/A	N/A	Mark #38-01-DA-TV-100A-Valve	N/A	Replacement	No

7. Description of Work Replaced 2" valve with refurbished.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Installed Rebuilt Spare. Quality Documents Reviewed at Initial Installation.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] IST Engineer Date 5/30, 19 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 10/15/00 to 6/7/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions Va. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/7 2000 19

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 May 30, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-001 W.O.00422804-06
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Drains Aerated

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
2" Trip Valve	Crosby	N/A	N/A	Mark #38-01-DA-TV-100A-Valve	N/A	Replacement	No

7. Description of Work Replaced 2" valve with refurbished.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Installed Rebuilt Spare. Quality Documents Reviewed at Initial Installation.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] Date 6/7/00

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 1/11/00 to 6/7/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions Va. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/7 2000

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 March 21, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-007 W. O.#00414328-07
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
2" X 2" X ¼" angle	Energy & Process Corp.	Heat# V9-0152	NA	Node 215	NA	Replacement	No
3/8" U-bolt	Grinnell Corporation	Fig 137N	NA	Node 215	NA	Replacement	No
3/8" U-bolt	Grinnell Corporation	Fig. 137N	NA	Node 215	NA	Replacement	No

7. Description of Work Modify pipe support.

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

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

FORM NIS-2 (Back)

P.O# CNT571814 (2' X2" X ¼" angle). P.O.# CNT-553656 (3/8" U-bolt).

9. Remarks _____

Applicable Manufacturer's Data Reports to be attached

P.O.# CNT575543 (3/8" U-bolt)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed W. G. Rogers ISI Engineer Date 3/21, 19 00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 2/9/00 to 3/23/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. Smith Commissions Va. 883
Inspector's Signature — National Board, State, Province, and Endorsements

Date 3/23 19 00

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 March 21, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-008 W. O.#00414328-08
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
2" X 2" X ¼" angle	Energy & Process Corp.	Heat# V9-0152	NA	Node 250	NA	Replacement	No
3/8" U-bolt	Grinnell Corporation	Fig 137N	NA	Node 250	NA	Replacement	No
3/8" U-bolt	Grinnell Corporation	Fig. 137N	NA	Node 250	NA	Replacement	No

7. Description of Work Modify pipe support.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O# CNT571814 (2' X2" X ¼" angle), P.O.# CNT-469123 (3/8" U-bolt),

Applicable Manufacturer's Data Reports to be attached

P.O.# CNT547910 (3/8" U-bolt)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed W. L. Rogers ISI ENGINEER Date 3/21, 19 00

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of VIRGINIA and employed by HSB I and I Co. of HARTFORD, CT. have inspected the components described in this Owner's Report during the period 2/4/00 to 3/23/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. Smith Commissions VA. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 3/23 1900

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 March 21, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-010 W. O.#00414328-10
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
Remove U-Bolt	NA	NA	NA	Node 200	NA	Replacement	No

7. Description of Work Modify pipe support.

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

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

FORM NIS-2 (Back)

9. Remarks NONE

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed W. L. Logan ISI ENGINEER Date 3/24, 19 00

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 2/8/00 to 3/23/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. Smith Commissions Va. 883

Inspector's Signature — National Board, State, Province, and Endorsements

Date 3/23 19 00

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 June 7, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-011 W.O.00414328-11
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
Tube Steel	Dubose Energy Services,Inc.	Heat 823Y67240	N/A	Support # 1-SI-PH-106.3	N/A	Replacement	No
Carbon Steel Plate	Consolidated Power Supply	Heat #7489771	N/A	Support # 1-SI-PH-106.3	N/A	Replacement	No
Flat Bar	Energy & Process Corp.	Heat #550012055	N/A	Support # 1-SI-PH-106.3	N/A	Replacement	No
Flat Bar	SMI Steel Inc.	Heat #A19343	N/A	Support # 1-SI-PH-106.3	N/A	Replacement	No
Tube Steel	Energy & Process	Heat #N05796	N/A	Support # 1-SI-PH-106.3	N/A	Replacement	No

7. Description of Work Remove & Replace Support at Node 145, HIAE.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.45014484 (Tube Steel) P.O.BSY-359003 (C.S.Plate) P.O.45030334 (Flat Bar)
Applicable Manufacturer's Data Reports to be attached

P.O.CSY-320893 (Flat Bar) P.O.45031240 (Tube Steel)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. L. Rowe IST ENGINEER Date 6/19, 19 2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 2/4/00 to 7/6/00, 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.

D. Smith Commissions VA. 883
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/6/ 19 2000

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company — Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Address
   Date May 19, 2000
   Sheet 1 of 2

2. Plant Surry Power Station — Name
   5570 Hog Island Road, Surry, VA 23883 — Address
   Unit: 1
   R/R/00-012 W.O.#00414328-12 — Repair Organization P.O. No. Job No., etc.

3. Work Performed By Virginia Electric & Power Company — Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Address
   Type Code Symbol Stamp N/A
   Authorization No. N/A
   Expiration Date N/A

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
Steel Tube	Dubose National	Heat# 823Y67240	N/A	Mark# 01-SI-DCP-98-052	N/A	Replacement	No
Flat Bar	Energy& Process Corp.	Heat# 550012055	N/A	Mark# 01-SI-DCP-98-052	N/A	Replacement	No
Steel Tube	Energy& Process Corp.	Heat# N05796	N/A	Mark#-01-SI-DCP-98-052	N/A	Replacement	No
Flat Bar	Energy& Process	Heat# 3-5815	N/A	Mark#-01-SI-DCP-98-052	N/A	Replacement	No
Anchor Bolt	Hilti Kwik-Bolt II	Inspection Lot # 010239	N/A	Mark-#01-SI-DCP-98-052	N/A	Replacement	No

7. Description of Work Remove & Replace support at NODE 175.H2AE.

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

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

FORM NIS-2 (Back)

9. Remarks P.O.45014484 (Steel Tube) P.O. 45030334 (Flat Bar) P.O.45031240 (Steel Tube)

Applicable Manufacturer's Data Reports to be attached

P.O.CNT-527396 (Flat Bar) P.O.45027403 (Anchor Bolt) P.O. BSY359003 (Plate)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed W. L. Rogers IST Engineer Date 5/22 20 00

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia Hartford, Ct. and employed by HSBI and I Co. of have inspected the components described in this Owner's Report during the period 2/8/00 to 6/5/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. Smith Commissions Va. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/5/2000

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

1. Owner Virginia Electric & Power Company
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address

Date May 22, 2000

Sheet 2 of 2

2. Plant Surry Power Station
Name
5570 Hog Island Road, Surry, VA 23883
Address

Unit: 1

R/R-00-012 W.O.#00414328-12
Repair Organization P.O. No. Job No. , etc.

3. Work Performed By Virginia Electric & Power Company
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
Carbon Steel Plate	Gulf States Steel, Inc.	Heat# 7489771	N/A	Msrk# 01-SI-DCP-98-052	N/A	Replacement	No

7. Description of Work Remove & Replace support at NODE 175, H2AE

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.45014484 (Steel Tube) P.O. 45030334 (Flat Bar) P.O.45031240 (Steel Tube)

Applicable Manufacturer's Data Reports to be attached

P.O.CNT-527396 (Flat Bar) P.O.45027403 (Anchor Bolt) P.O. BSY359003 (Plate)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed W. G. Rogers Date 5/22, 19 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 2/8/00 to 6/5/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions Va. 883

National Board, State, Province, and Endorsements

Date 6/5, 19 2000

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 May 30, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-013 W.O.00414328-13
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System U-Bolt removed at Node 195

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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	N/A	N/A	N/A	Mark #01-SI-DCP-98-052	N/A	Replacement	N/A

7. Description of Work U-Bolt removed at Node 195

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

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

FORM NIS-2 (Back)

9. Remarks _____
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed W. L. Rowe IST Engineer Date 5/30, 2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia Hartford, Ct. and employed by HSBI and I Co. of _____ have inspected the components described in this Owner's Report during the period 2/8/00 to 6/13/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

_____ Commissions Va. 883
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/13 19 00

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 June 15, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 2
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-014 W.O.00414328-14
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
3x3x1/4" Tube Steel	Energy & Process Corp.	Heat #N05796	N/A	Mark #01-SI-PH-24.3	N/A	Replacement	No
2"x2"1/4" Tube Steel	Dubose Energy Services	Heat #823Y67240	N/A	Mark #01-SI-PH-24.3	N/A	Replacement	No
C.S.Plate	Consolidated Power Supply	Heat #7489771	N/A	Mark #01-SI-PH-24.3	N/A	Replacement	No
Flat Bar	Energy & Process Corp.	Heat #5500l2055	N/A	Mark #01-SI-PH-24.3	N/A	Replacement	No
Flat Bar	Energy & Process Corp.	Heat #3-5815	N/A	Mark #01-SI-PH-24.3	N/A	Replacement	No

7. Description of Work Replace Support at Node 170,H1BE

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks P.O.45031240 (Tube Steel) P.O.45014484 (Tube Steel) P.O.BSY-359003(C.S. Plate)
Applicable Manufacturer's Data Reports to be attached
P.O.45030334 (Flat bar) P.O.CNT-527396 (Flat Bar)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement
ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. L. Rogers ISI Engineer Date 6/15, 19 00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 2/8/00 to 7/6/00, 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.

J. A. Smith Commissions VA. 883
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/6/2000

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 June 15, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 2 of 2
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-014 W.O.00414328-14
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
½" Anchor Bolt	Hilti Kwik-Bolt	Material # 00045379	N/A	Mark #01-SI-PH-24.3	N/A	Replacement	No

7. Description of Work Replace Support at Node 170,H1BE

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.45027403 (1/2" Anchor Bolt)
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. L. Rogers ISI Engineer (Owner or Owner's Designee, Title) Date 6/15, 19 00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 2/8/00 to 7/6/00, 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.

R. A. Smith (Inspector's Signature) Commissions VA. 883 (National Board, State, Province, and Endorsements)

Date 7/6, 19 2000

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 June 14, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-015 W.O.00414328-15
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
¼" Angle	Energy & Process Corp.	Heat #V9-0152	N/A	Mark #1-SI-PH-M127C1.7	N/A	Replacement	No

7. Description of Work Add Support at Node 132 on 8"-SI-153

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.CNT-571814 (1/4" Angle)
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement
ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. L. Rogers IST Engineer Date 6/14 20 ~~19~~ 00
Owner or Owner's Designee, Title 5426/14/00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 2/6/00 to 6/15/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. Smith Commissions VA. 883
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/15 ~~19~~ 2000

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address

2. Plant Surry Power Station
Name
5570 Hog Island Road, Surry, VA 23883
Address

3. Work Performed By Virginia Electric & Power Company
Name
5000 Dominion Blvd., Glen Allen, VA 23060
Address

Date May 17, 2000
Revised 10/15/00
Sheet 1 of 7 1

Unit: 1

R/R 00-023 W.O.#00400884-02
Repair Organization P.O. No. Job No. , etc.

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
1" Globe Valve	Velan Inc.	Heat # 13092	N/A	Mark # 38-01-SI-436-Valve	N/A	Replacement	No
1" Pipe (NPS)	Consolidated Pipe	Heat #7916H	N/A	Mark # 38-01-SI-436-Valve	N/A	Replacement	No

7. Description of Work Replaced Pipe And 1" Globe Valve

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

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

FORM NIS-2 (Back)

9. Remarks P.O. CNT317645-1" Globe Valve P.O.45032059-1" Pipe

Applicable Manufacturer's Data Reports to be attached

HIGH SAFETY SIGNIFICANT per Risk Informed ISI Program.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed W. L. Rogers ISI Engineer Date 5/22 2000 19 00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 2/10/00 to 6/6/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. Smith Commissions Va. 883
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/6 2000.

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 June 7, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-024 W.O.406546-01
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Chemical and Volume Control

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
Plug for Cascade Trim Set	Copes-Vulcan,Inc.	Heat #715571	N/A	38-01-CH-FCV-1160-Valve	N/A	Replacement	No

7. Description of Work Bonnet Leak

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.CNT571812 (Plug For Cascade Trim Assy)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed [signature] ISI Engineer Date 6/7 ~~19~~ 2000

Owner or Owner's Designee, Title

Doc 6/12/00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 2/17/00 to 6/8/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions VA. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/8 2000 ~~19~~

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 June 29, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-026 W.O.00400745-01
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Condensate

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
18" Gate Valve	N/A	N/A	N/A	Mark #38-01-CN-135-Valve	N/A	Replacement	No

6. Description of Work Replace Valve

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks HSS

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. L. Byrne IST Engineer Date 6/29, 19 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 2/17/00 to 7/6/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. Smith Commissions VA. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 7/6/, 2000

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company (Name) — Date May 22, 2000

5000 Dominion Blvd., Glen Allen, VA 23060 (Address) — Sheet 1 of 1

2. Plant Surry Power Station (Name) — Unit: 1

5570 Hog Island Road, Surry, VA 23883 (Address) — R/R-00-028 W.O.#415601-06 (Repair Organization P.O. No. Job No., etc.)

3. Work Performed By Virginia Electric & Power Company (Name) — Type Code Symbol Stamp N/A

5000 Dominion Blvd., Glen Allen, VA 23060 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System Condensate

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
18" Pipe	N/A	N/A	N/A	Mark #1-CN-PPS-84	N/A	Replacement	No

7. Description of Work Replaced 18" Pipe

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks HIGH SAFETY SIGNIFICANT PER RISK INFORMED ISI PROGRAM.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed D. L. Logan ISI Engineer Date 5/24 2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 2/24/00 to 6/15/00, 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.

J. R. Smith Commissions Va. 883
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/15/2000

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 June 26, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-029 W.O.00415601-20
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Feedwater

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
14" Pipe	N/A	N/A	N/A	Mark #1-FW-PPTW-2	N/A	Replacement	No

7. Description of Work Replace one piece of 14 " FW pipe off "C" S/G line.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks HSS Component

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement
ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. L. Rosen ISI Engineer Date 6/26, 19 2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 2/24/00 to 7/7/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions VA. 883
National Board, State, Province, and Endorsements

Date 7/7, 19 2000

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company (Name) — Date May 25, 2000

5000 Dominion Blvd., Glen Allen, VA 23060 (Address) — Sheet 1 of 1

2. Plant Surry Power Station (Name) — Unit: 1

5570 Hog Island Road, Surry, VA 23883 (Address) — R/R-00-037 W.O.415601-05 (Repair Organization P.O. No. Job No. , etc.)

3. Work Performed By Virginia Electric & Power Company (Name) — Type Code Symbol Stamp N/A

5000 Dominion Blvd., Glen Allen, VA 23060 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System Feedwater

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
14" 90 Degree Elbow	Energy & Process Corp.	Heat #1549B	N/A	Mark #1-FW-PSF2-83	N/A	Replacement	No
14" Pipe	U.S Metals, Inc.	Heat #06133	N/A	Mark #1-FW-PSF2-83	N/A	Replacement	No
14" 90 degree Elbow	Radnor Alloys,Inc.	Heat #MHZ8L	N/A	Mark #1-FW-PSF2-83	N/A	Replacement	No
14" Pipe	Consolidated Power Supply	Heat 3230119	N/A	Mark #1-FW-PSF2-83	N/A	Replacement	No

7. Description of Work Replaced two sections of 14" pipe and elbows/ N-416-1 Code Case Applies

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp. _____ °

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks P.O.45031240 (Elbow) P.O.45011245 (14" Pipe) P.O.CSY304077 (Elbow)
P.O.CNT577070 (14" Pipe)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this ~~replacement~~ repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed W. L. Rogers IST Engineer Date 5/25, 2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 2/29/00 to 6/7/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. Smith Commissions Va. 883
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/7 2000

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 June 23, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 4
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-039 W.O.00414328-03
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
2" Elbowlet	Consolidated Power Supply	Heat #862ZNA	N/A	Mark #U1-SI-Pump Recir Line "A"	N/A	Replacement	No
90 Degree Elbow	Dubose Energy Services	Heat Code LTBP	N/A	Mark #U1-SI- Pump Recir Line "A"	N/A	Replacement	No
10" Pipe	Energy & Process Corp.	Heat #F822051	N/A	Mark #U1-SI-Pump Recir Line "A"	N/A	Replacement	No
10" Flange	Coffer Corp.	Heat #92205	N/A	Mark #U1-SI-Pump Recir line "A"	N/A	Replacement	No
10" Check Valve	Borg Warner	Serial # 61907 & 61908	N/A	Mark #U1-SI-Pump Recir Line "A"	N/A	Replacement	No

7. Description of Work Replace Piping and Components, Code Case N-416-1 Applies

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

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

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks P.O.45029952 (2" Elbowlet) P.O. 45013575 (90 Degree Elbow) P.O.45030862 (10" Pipe)
Applicable Manufacturer's Data Reports to be attached

P.O. SSY-193275 (10" Flange) P.O.45032348 (10" Check Valve)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed D. L. Rose IST Engineer Date 6/23, 2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 3/8/00 to 7/13/00, 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.

R. Smith Commissions VA. 883
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/13 , 2000

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 June 23, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 2 of 4
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-039 W.O.00414328-03
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
10" 90 Degree Elbow	Dubose Energy Services	Heat Code OY22	N/A	Mark #U1-SI-Pump Recir Line "A"	N/A	Replacement	No
10" 45 Degree Elbow	Dubose Energy Services	Heat Code OG62	N/A	Mark #U1-SI-Pump Recir Line "A"	N/A	Replacement	No
2" Pipe	Energy & Process Corp.	Heat #8223J	N/A	Mark #U1-SI-Pump Recir Line "A"	N/A	Replacement	No
2 " 90 Degree Elbow	Consolidated Power Supply	Heat Code A28	N/A	Mark #U1-SI-Pump Recir Line "A"	N/A	Replacement	No
2' Pipe	Energy & Process Corp.	Heat #SF497	N/A	Mark #U1-SI-Pump Recir Line "A"	N/A	Replacement	No

7. Description of Work Replace Piping and Components. Code Class N-416-1 Applies

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.45033680 (10"- 90 Degree Elbow: Heat #OY22) (10"- 45 Degree Elbow : Heat #OG62)

Applicable Manufacturer's Data Reports to be attached

P.O.45015631 (2" Pipe) P.O.45029952 (2"- 90 Degree Elbow) P.O.45029207 (2" Pipe)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. L. Rogers IST Engineer Date 6/23 20 1800

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 3/8/00 to 7/13/00, 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.

R. E. Smith Commissions VA. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 7/13 19 2000

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 June 23, 2000
Name

5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 3 of 4
Address

2. Plant Surry Power Station — Unit: 1
Name

5570 Hog Island Road, Surry, VA 23883 — R/R-00-039 W.O.00414328-03
Address — Repair Organization P.O. No. Job No. , etc.

3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
Name — Authorization No. N/A

5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
2" Check Valve	Flowserve Corp.	Valve Serial # E-154A-18-1 & 18-2	N/A	Mark #U1-SI-Pump Recir Line "A"	N/A	Replacement	No
2" Tee	Consolidated Power Supply	Heat Code MF	N/A	Mark #U1-SI-Pump Recir Line "A"	N/A	Replacement	No
10" Orifice Flange	Dubose Energy Services	Heat #1190ANE	N/A	Mark #U1-SI-Pump Recir Line "A'	N/A	Replacement	No
2" Cap	Consolidated Power	Heat Code HGK	N/A	Mark #U1-SI-Pump Recir Line "A"	N/A	Replacement	No

7. Description of Work Replace Piping and Components .Code Class N-416-1 Applies

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O. 45030268 (2" Check Valve) P.O.45029952 (2" Tee) P.O.45033680 (10" Orifice Flange)

Applicable Manufacturer's Data Reports to be attached

P.O.SSY-406435 (2" Cap)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed [signature] ISI ENGINEER Date 6/23 20 1900

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 3/8/00 to 7/13/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions VA. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 7/13 19 2000

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 June 23, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 4 of 4
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-039 W.O.00414328-03
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
2x2x1/4 Angle	Energy & Process Corp.	Heat #V9-0152	N/A	Mark #U1-SI-Pump Recir Line "A"	N/A	Replacement	No
3x3x1/4x20' Tube Steel	Energy & Process Corp.	Heat #N05796	N/A	Mark #U1-SI-Pump Recir Line "A"	N/A	Replacement	No
Anchor Bolt	Hilti Kwik Bolts	Item #00045379	N/A	Mark #U1-SI-Pump Recir Line "A"	N/A	Replacement	No
2" Pipe Strap	Grinnell Corp.	Item #144C&LO200N B	N/A	Mark #U1-SI-Pump Recir Line "A"	N/A	Replacement	No
Carbon Steel Plate	Consolidated Power Supply	Heat #7489771	N/A	Mark #U1-SI-Pump Recir Line "A"	N/A	Replacement	No

7. Description of Work Replace Piping and Components. Code case N-416-1 applies.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O. CNT-571814 (2"Angle) P.O.45031240 (3" Tube Steel) P.O.45027403 (Anchor Bolt)

Applicable Manufacturer's Data Reports to be attached

P.O.45018125 (Pipe Strap) P.O.BSY-359003 (C.S.Plate)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed [signature] TSI Engineer Date 6/23 19 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 3/6/00 to 7/13/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions VA. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 7/13 19 2000

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 June 5, 2000
Name

5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 46
Address

2. Plant Surry Power Station — Unit: 1
Name

5570 Hog Island Road, Surry, VA 23883 — R/R-00-040 W.O.00414328-04
Address — Repair Organization P.O. No. Job No. , etc.

3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
Name — Authorization No. N/A

5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
2" Elbowlet	Consolidated Power Supply	Heat #862ZNA	N/A	Mark #U1-SI-Pump Recir Line "B"	N/A	Replacement	No
90 Degree Elbow	Dubose Energy Service Inc.	Heat Code LTBP	N/A	Mark #U1-SI-Pump Recir Line "B"	N/A	Replacement	No
1" Conn	Dubose Energy services Inc.	Heat #1055NA	N/A	Mark #U1-SI-Pump Recir Line "B"	N/A	Replacement	No
10" Pipe	Consolidated Power Supply	Heat #E88688	N/A	Mark #U1-SI-Pump Recir Line	N/A	Replacement	No
10" Check Valve	Borg Warner	Serial #61908	N/A	Mark #U1-SI-Pump Recir Line	N/A	Replacement	No

7. Description of Work Modify Low Head Recir. Piping. Code Case N-416-1 Applies

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

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

FORM NIS-2 (Back)

9. Remarks P.O.45029952 (2" Elbowlet) P.O.45013575 (90 Degree Elbow) P.O.45033639 (1" Conn)
Applicable Manufacturer's Data Reports to be attached
P.O.45031883 (10" Pipe) P.O.45032348 (10" Check Valve)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed D. L. Rogers 1st Engineer (Owner or Owner's Designee, Title) Date 6/7, 19 2000
DLR 6/7/00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 3/8/00 to 6/8/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. L. Smith (Inspector's Signature) Commissions VA. 883 (National Board, State, Province, and Endorsements)

Date 6/8 2000 19

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 June 5, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 2 of 16 (rev 6/11/00)
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-040 W.O.00414328-04
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
90 Degree Elbow	Dubose Energy Services Inc.	Heat Code OY22	N/A	Mark #U1-SI-Pump Recir line "B"	N/A	Replacement	No
45 Degree Elbow	Dubose Energy Services Inc.	Heat Code OG62	N/A	Mark #U1-SI-Pump Recir Line "B"	N/A	Replacement	No
10" Pipe	Energy & Process Corp.	Heat #F822051	N/A	Mark #SI-Pump Recir Line "B"	N/A	Replacement	No
3" Pipe Hanger	Consolidated Power Supply	Heat #L38692	N/A	Mark #SI-Pump Recir Line "B"	N/A	Replacement	No
10" 150LB.Flange	Coffer Corp.	Heat #92205	N/A	Mark #SI-Pump Recir Line "B"	N/A	Replacement	No

7. Description of Work Modify Low Head Recir.Piping. Code Case N-416-1 Applies.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.45033680 (90 Degree Elbow) P.O.45033680 (45 Degree Elbow) P.O.45030862 (10" Pipe)

Applicable Manufacturer's Data Reports to be attached

P.O. SSY-410675 (3" Pipe Hanger For 10" Pipe)

P.O. SSY-193275 (10" Flange)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. G. Rossell IST Engineer Date 6/7, 19 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 3/8/00 to 6/8/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. E. Smith Commissions Va. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/8 2000 19

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 June 5, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 3 of 46
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-040 W.O.00414328-04
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
2" Pipe	Energy & Process Corp.	Heat #SF497	N/A	Mark #U1-SI-Pump Recir Line "B"	N/A	Replacement	No
2" Elbow	Consolidated Power Supply	Heat #A28	N/A	Mark #U1-SI-Pump Recir Line "B"	N/A	Replacement	No
2" Check Valve	Flowserve Corp.	Serial #E-154A-18-1 & 18-2	N/A	Mark #U1-SI-Pump Recir Line "B"	N/A	Replacement	No
2x2x1 Tee	Consolidated Power Supply	Heat Code TE	N/A	Mark #U1-SI-Pump Recir Line "B"	N/A	Replacement	No
1/2x1 Adapter	Carpenter Corp.	Heat Code JEE	N/A	Mark #U1-SI-Pump Recir Line "B"	N/A	Replacement	No

7. Description of Work Modify Low Head Recir.Piping. Code Case N-416-1 Applies.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.45029207 (2" Pipe) P.O.45029952 (2"Elbow) P.O.45030268 (2" Check Valve)
Applicable Manufacturer's Data Reports to be attached
P.O.45029952 (2x2x1 Tee) P.O.45013469 (1/2x1 Adapter)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement
ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed D. L. Jones ISE Engineer Date 6/7, 19 2000
Owner or Owner's Designee, Title
Date 6/12/00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 3/8/00 to 6/8/00, 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.

J. A. Smith Commissions VA. 883
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/8 19 2000

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 June 5, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 4 of 40
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-040 W.O.414328-04
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
10" Orifice Flange	Dubose Energy Services	Heat Code 1190ANE	N/A	Mark #U1-SI-Pump Recir Line "B"	N/A	Replacement	No
2" Cap	Consolidated Power Supply	Heat Code HGK	N/A	Mark #U1-SI-Pump Recir. Line "B"	N/A	Replacement	No

7. Description of Work Modify Low Head Recir.Piping. Code Case N-416-1 Applies

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

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

FORM NIS-2 (Back)

9. Remarks P.O.45033680 (10" Orifice Flange) P.O.SSY-406435 (2" Cap)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed [signature] ISI Engineer Date 6/7 20 00

Owner or Owner's Designee, Title

6/7/00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 3/8/00 to 6/8/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions Va. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/8 2000 ~~19~~

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 June 12, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 15 of 26
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-040 W.O.00414328-04
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
Tube Steel	Energy & Process Corp.	Heat #N05796	N/A	Mark #U1-SI-Pump-Recir Line B	N/A	Replacement	No
½" Carbon Steel Plate	Consolidated Power Supply	Heat #7489771	N/A	Mark #U1-SI-Pump-Recir Line B	N/A	Replacement	No
2" Pipe Strap	Grinnell Corp.	Item # 144C&L0200NE	N/A	Mark #U1-SI-Pump-Recir Line B	N/A	Replacement	No
½" Anchor Bolt	Hilti Kwik-Bolt	N/A	N/A	Mark #U1-SI-Pump-Recir Line B	N/A	Replacement	No
2" Pipe Strap	Grinnell Corp.	Item # 143C&L0200NB	N/A	Mark #U1-SI-Pump-Recir Line B	N/A	Replacement	No

7. Description of Work Replace Piping and Components. Code Case N-416-1 Applies

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.45031240 (Tube Steel) P.O.BSY359003 (1/2" Carbon Steel Plate)

Applicable Manufacturer's Data Reports to be attached

P.O.45018125 (2" Pipe Strap) P.O.45027403 (1/2" Anchor Bolt) P.O.45032027 (2" Pipe Strap)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. L. Logan IST Engineer Date 6/12 2000 ~~19 00~~

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 3/8/00 to 6/15/00, 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.

J. A. Smith Commissions VA. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/15/00 2000 ~~19~~

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 June 12, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 26 of 26
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-040 W.O.00414328-04
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Safety Injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
3/8"x2" U-Bolts	Grinnell Corp.	Item #13738200NB	N/A	Mark #U1-SI-Pump-Recir Line B	N/A	Replacement	No
.025 Shim (Plate)	Debose Energy Services	Heat Code DY71	N/A	Mark #U1-SI-Pump-Recir Line B	N/A	Replacement	No
3" Pipe	Consolidated Power Supply	Heat #L38692	N/A	Mark #U1-SI - Pump-Recir Line B	N/A	Replacement	No
½"x4'x8' Plate	Energy & Process Corp.	Heat #LB89	N/A	Mark #U1-SI-Pump-Recir Line B	N/A	Replacement	No

7. Description of Work Replace Piping and Components. Code Case N-416-1 Applies

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.45033338 (3/8" U-Bolts) P.O.45030534 (.025 Shim)

Applicable Manufacturer's Data Reports to be attached

P.O.SSY-410675 (3" Pipe) P.O.CNT-542040 (1/2"x4'x'8 Plate)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed [signature] TST Engineer Date 6/12, 19 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 3/8/00 to 6/15/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions VA. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/15/00 2000

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 July 6, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-045 W.O.00387033-01
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Reactor Coolant

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
Plug (Trim Assembly)	Copes-Vulcan Inc.	Heat 368799	N/A	Mark #38-01-RC-HCV-1557A	N/A	Replacement	No

6. Description of Work Replace Plug in Trim Assembly

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.SSY-127580(Plug)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. G. Rogers TSI Engineer Date 7/12, 19 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 3/16/00 to 7/13/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature C. A. Smith Commissions VA. 883

National Board, State, Province, and Endorsements

Date 7/13, 19 2000

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 June 28, 2000
Name

5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
Address

2. Plant Surry Power Station — Unit: 1
Name

5570 Hog Island Road, Surry, VA 23883 — R/R 00-047 W.O.00413863-01
Address — Repair Organization P.O. No. Job No. , etc.

3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
Name — Authorization No. N/A

5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
Address

4. Identification of System Reactor Coolant

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
1-3/8" Hex Nut	Mackson ,Inc	Heat #60344	N/A	Mark #38-01-RC-SV-1551A-Valve	NA	Replacement	No
1-3/8"Stud	Mackson Inc.	Heat #21220	N/A	Mark #38-01-RC-SV-1551A-Valve	NA	Replacement	No

6. Description of Work Remove Safety Valve, test and reinstall.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.BNT-467650 (1-3/8" stud) P.O.45014699 (1-3/8" Hex Nut)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. L. Rogers ISI Engineer Date 6/28, 19 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 3/16/00 to 7/05/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. Smith Commissions VA. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 7/05/2000 19

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 July 6, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-048 W.O.#00413864-01
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Reactor Coolant

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
Hex Nut	Mackson, Inc.	Heat #60344	N/A	Mark #38-01-RC-SV-1551B	N/A	Replacement	No
Threaded Rod	Mackson, Inc.	Heat #22440	N/A	Mark #38-01-RC-SV-1551B	N/A	Replacement	No
1" Hex Nut	Mackson, Inc.	Heat #344113PJ	N/A	Mark #38-01-RC-SV-1551B	N/A	Replacement	No
1 3/8" Threaded Rod	Mackson, Inc.	Heat #21220	N/A	Mark #38-01-RC-SV-1551B	N/A	Replacement	No

6. Description of Work Replace Fasteners

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.45013771(Hex Nut) P.O.BNT-467650(Threaded Rod)
Applicable Manufacturer's Data Reports to be attached

P.O.45014699 (Hex nut) P.O.BNT-467650(Threaded Rod)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. L. Rosen IST Engineer Date 7/13, 19 2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 3/16/00 to 7/13/00, 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.

J. A. Smith Commissions VA. 883
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/13 19 2000

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 July 6, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-049 W.O.#00413865-01
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Reactor Coolant

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
Hex Nut	Mackson, Inc.	Heat #60344	N/A	Mark #38-01-RC-SV-1551 C	N/A	Replacement	No
Threaded Rod	Mackson, Inc.	Heat #22440	N/A	Mark #38-01-RC-SV-1551 C	N/A	Replacement	No
1" Hex Nut	Mackson, Inc.	Heat #344113PJ	N/A	Mark #38-01-RC-SV-1551 C	N/A	Replacement	No
1 3/8" Threaded Rod	Mackson, Inc.	Heat #21220	N/A	Mark #38-01-RC-SV-1551 C	N/A	Replacement	No

6. Description of Work Replace Fasteners

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.45013771(Hex Nut) P.O.BN1-467650(Threaded Rod)

Applicable Manufacturer's Data Reports to be attached

P.O.45014699 (Hex nut) P.O.BN1-467650(Threaded Rod)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W.L. Rosen ISI Engineer Date 7/13 19 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 3/16/00 to 7/13/00, 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.

J.A. Smith Commissions VA. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 7/13 19 2000

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company — Name
   Date May 22, 2000

   5000 Dominion Blvd., Glen Allen, VA 23060 — Address
   Sheet 1 of 1

2. Plant Surry Power Station — Name
   Unit: 1

   5570 Hog Island Road, Surry, VA 23883 — Address
   R/R-00-054 W.O.#415601-04 — Repair Organization P.O. No. Job No. , etc.

3. Work Performed By Virginia Electric & Power Company — Name
   Type Code Symbol Stamp N/A
   Authorization No. N/A
   Expiration Date N/A

   5000 Dominion Blvd., Glen Allen, VA 23060 — Address

4. Identification of System Feedwater

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
14" FW Pipe	N/A	N/A	N/A	1-FW-PPS-121	N/A	Replacement	No
90 Degree Elbow	N/A	N/A	N/A	1-FW-PPS-121	N/A	Replacement	No

7. Description of Work Replaced 18" Pipe

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks HIGH SAFETY SIGNIFICANT PER RISK INFORMED ISI PROGRAM

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this ~~replacement~~ repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed _____ Date 5/22 2000 ~~19 00~~

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 3/16/00 to 6/15/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

_____ Commissions Va. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/15/00 2000 ~~19~~ NS

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 May 30, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-055 W.O 415601-21
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Feedwater

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
90 Degree Elbow	N/A	N/A	N/A	1-FW-PPS-350	N/A	Replacement	No

7. Description of Work Replaced 90 Degree Elbow

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

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

FORM NIS-2 (Back)

9. Remarks HSS

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed W. L. Bosley IST Engineer Date 5/30, 19 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 3/16/00 to 6/14/00, 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.

R. Smith Commissions Va. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/14/ 2000 19

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 May 26, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-056 W.O.415601-03
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No., N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Feedwater

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
14" Pipe	N/A	N/A	N/A	Mark #1-FW-PSF2-101	N/A	Replacement	No
90 Degree Elbow	N/A	N/A	N/A	Mark #1-FW-PSF2-101	N/A	Replacement	No

7. Description of Work Replaced 14" Pipe and 90 degree elbow

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks HSS

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this ~~replacement~~ repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed W. L. Rogers IST Engineer Date 5/30, 19 2000

Owner or Owner's Designee, Title

DLR 5/30/00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia Hartford, Ct. and employed by HSBI and I Co. of _____ have inspected the components described in this Owner's Report during the period 3/16/00 to 6/14/00, 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.

C. A. Smith

Inspector's Signature

Commissions Va. 883

National Board, State, Province, and Endorsements

Date 6/14/ 2000

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 June 27, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-057 W.O.00365784-02
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Feedwater

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
3" Valve Body	N/A	N/A	N/A	Mark #01-FW-FCV-150B	N/A	Replacement	No

7. Description of Work Replace 3" Valve Body

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks HSS Component

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. A. Rosen TSE Engineer Date 6/27, 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 3/16/00 to 7/05/00, 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.

J. A. Smith Commissions VA. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 7/05/2000

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 June 26, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 2
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-058 W.O.00363064-02
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Chemical and Volume Control

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
3" Flange	Frischkorn,Inc.	Heat #4196	N/A	Mark #38-01-CH-478-CKValve	N/A	Replacement	No
3" Stub End	Consolidated Power Supply	Heat #94677	N/A	Mark #38-01-CH-478-CKValve	N/A	Replacement	No
3" Aligning Connector	Consolidated Power Supply	Heat #J663	N/A	Mark #38-01-CH-478-CKValve	N/A	Replacement	No
3" Pipe Nipple	Dubose Energy Services	Heat #C18A020	N/A	Mark #38-01-CH-478-CKValve	N/A	Replacement	No
3" Check Valve	Divesco,Inc.	Serial #11903	N/A	Mark #38-01-CH-478-CKValve	N/A	Replacement	No

7. Description of Work Replace Check Valve. Code Class N-416-1 Applies.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.SSY-349420(3" Flange) P.O.CNT-577964(3" Stub End)

Applicable Manufacturer's Data Reports to be attached

P.O.SY383849(3" Aligning Connector) P.O.45014247(3" Pipe Nipple) P.O.45037390(3" Check Valve)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. L. Logue IST Engineer Date 6/22, 20 00

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 3/16/00 to 7/6/00, 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.

R. Smith Commissions VA. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 7/6 , 2000

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 June 27, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 2 of 2
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-058 W.O.00363064-02
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Chemical and Volume Control

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
3" 90 Degree Elbow	Dubose Energy Services Inc.	Heat #J1260	N/A	Mark #38-01-CH-478-CKValve	N/A	Replacement	No

7. Description of Work Replace Check Valve. Code Class N-416-1 Applies.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.CNT-433047(3" 90 Degree Elbow)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. H. Rozen ISE Engineer Date 6/22, 20 00

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 3/16/00 to 7/6/00, 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.

R. E. Smith Commissions VA. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 7/6 , 2000

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 June 8, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-062 W.O.00379173-04
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Mainsteam

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Relief Valve	Schutte & Koerting Co.	N/A	N/A	Mark #38-01-MS-RV-101C-Valve	N/A	Repaired	No

7. Description of Work Weld seat into valve and performed base metal repairs.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. A. Rosen TSI Engineer (Owner or Owner's Designee, Title) Date 6/8, 19 00

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 3/16/00 to 6/8/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. Smith (Inspector's Signature) Commissions Va. 883 (National Board, State, Province, and Endorsements)

Date 6/8/ 2000.

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 July 6, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-066 W.O.00411975-01
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Reactor Coolant

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
Plug & Cage Assembly	Copes-Vulcan Inc.	Heat #512049 Heat #33783	N/A	Mark #38-01-RC-PCV-1456	N/A	Replacement	No

6. Description of Work Replace Plug and Cage Assembly.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.45007034 (Plug & Cage Assembly)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W.L. Bogan ISI Engineer Date 7/12, 19 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 3/24/00 to 7/13/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. Smith Commissions VA. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 7/13 19 2000

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 June 14, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-074 W.O.00426851-04
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Containment Spray

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
5/8-11x2.81" Tap End Stud	Mackson Inc.	Heat #C10340-1	N/A	Mark #38-01-CS-27-Valve	N/A	Replacement	No
5/8"-11 Hex Nuts	Mackson Inc.	Heat #A7840J	N/A	Mark #38-01-CS-27-Valve	N/A	Replacement	No
Valve Bonnet Assembly	ITT Industries	Drawing # SD-C-113612 Rev.A	N/A	Mark #38-01-CS-27-Valve	N/A	Replacement	No

7. Description of Work Replace Valve Bonnet Assembly

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.CNT-563390 (Tap End Stud) P.O.CNT-576192 (Hex Nut) P.O.CNT-565203 (Valve Bonnet)
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed [signature] IST Engineer Date 6/14, 19 00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 3/29/00 to 6/14/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions VA. 883
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/14/2000 19

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company (Name) — Date May 24, 2000

5000 Dominion Blvd., Glen Allen, VA 23060 (Address) — Sheet 1 of 1

2. Plant Surry Power Station (Name) — Unit: 1

5570 Hog Island Road, Surry, VA 23883 (Address) — R/R-00-078 W.O.#00428724-01 (Repair Organization P.O. No. Job No. , etc.)

3. Work Performed By Virginia Electric & Power Company (Name) — Type Code Symbol Stamp N/A

5000 Dominion Blvd., Glen Allen, VA 23060 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System Safety injection

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
1-3/4 Hex Nut	Mackson,Inc.	Heat #35700	N/A	Mark #38-01-SI-130-CKVALVE	N/A	Replacement	No
1-3/4 Threaded Rod	Mackson,Inc.	Heat #20840	N/A	Mark #38-01-SI-130-CKVALVE	N/A	Replacement	No

7. Description of Work Replaced Torque Bolting

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.45021937 (1-3/4 Hex Nut) P.O.45012890 (1-3/4 Threaded Rod)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this ~~replacement~~ repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed W. L. Rosen ISI Engineer Date 6/25 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia Hartford, Ct. and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 4/19/00 to 6/6/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions Va. 883

National Board, State, Province, and Endorsements

Date 6/6 2000

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 June 23, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-081 W.O.00428889-01
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Containment Spray

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
5/8 Hex Nut	Mackson Incorp.	Heat #G1365	N/A	Mark #38-01-CS-132-Valve	N/A	Replacement	No
5/8 Tap End Stud	Mackson Incorp.	Heat #C10340-1	N/A	Mark #38-01-CS-132-Valve	N/A	Replacement	No
5/8 Threaded Rod	Mackson Incorp.	Lot #12476 Heat #176B	N/A	Mark #38-01-CS-132-Valve	N/A	Replacement	No

7. Description of Work Replace rusted ~~bonnett~~ & flange bolting on 3" Grinnell.
   Dat 6/2/00

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

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

FORM NIS-2 (Back)

9. Remarks P.O 45013946 (Hex Nut) P.O.CNT-533197 (Tap End Stud) P.O.CNT-545102 (Threaded Rod)
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement
ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed D-L-Lorenz ISE Engineer Date 6/23 19 2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 4/24/00 to 7/7/00, 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.

R. Smith Commissions VA. 883
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/7 19 2000

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 May 30, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-084 W.O 415601-26
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Feedwater

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
14" Pipe	Dubose Energy Services	J736159	N/A	Mark #1-FW-PPS-357	N/A	Replacement	No

7. Description of Work Replaced 14" Pipe. Code Case N-416-1 Applies

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O. 45006886 (14" Pipe)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed W. L. Bryan IST Engineer Date 5/30, 19 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 4/24/00 to 6/14/00, 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.

R. A. Smith Commissions Va. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/14/ 19 2000.

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 July 12, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-087 W.O. 00428662-01
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Reactor Coolant

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Manway Cover	Astro Nuclear/Dynamics Inc.	Heat #C9038	N/A	Mark #38-01-RC-E-1A-HTEXCH	N/A	Replacement	No

6. Description of Work Replace Secondary Manway Cover

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks P.O.CNT-504856(Manway Cover)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. L. Boone IST ENGINEER Date 7/12, 19 2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 4/26/00 to 7/13/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. A. Smith Commissions VA. 883
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/13/ 19 2000

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company (Name) — Date May 24, 2000

5000 Dominion Blvd., Glen Allen, VA 23060 (Address) — Sheet 1 of 1

2. Plant Surry Power Station (Name) — Unit: 1

5570 Hog Island Road, Surry, VA 23883 (Address) — R/R-00-089 W.O.#00414200-01 (Repair Organization P.O. No. Job No., etc.)

3. Work Performed By Virginia Electric & Power Company (Name) — Type Code Symbol Stamp N/A

5000 Dominion Blvd., Glen Allen, VA 23060 (Address) — Authorization No. N/A — Expiration Date N/A

4. Identification of System Main Steam

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
4" Valve Disc	Dresser Valve	Heat # 510620	N/A	Mark # 38-01-MS-SV-101a-Valve	N/A	Replacement	No

7. Description of Work Replaced Safety Valve Disc

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.#45011673 (Safety Valve) DISC

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed W. L. Rogers ISI Engineer (Owner or Owner's Designee, Title) Date 5/25 2000

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 4/26/00 to 6/6/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. A. Smith (Inspector's Signature) Commissions Va. 883 (National Board, State, Province, and Endorsements)

Date 6/6 2000

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 July 6, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-090 W.O.00414206-01
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Mainsteam

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
Disc (for 6" safety valve)	Dresser Valves, Inc.	Heat #50263	N/A	Mark #38-01-MS-SV-103A	N/A	Replacement	No

6. Description of Work Replace Disc for 6" safety valve.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks P.O.CNT-555590(Disc)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. L. Cecil TST Engineer Date 7/13, 19 2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 4/26/00 to 7/13/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. G. Smith Commissions VA. 883
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/13, 19 2000

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 July 6, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-091 W.O.#00414209-01
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Mainsteam

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case.
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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 Disc	Dresser Valve	Heat #50263	N/A	Mark #38-01-MS-SV-104A	N/A	Replacement	No
Valve Spindle	Dresser Valve	Serial # ACN74, ACN75 or ACN76	N/A	Mark #38-01-SV-104A	N/A	Replacement	No

6. Description of Work Replace Spindle and Disc for Safety Valve

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks P.O.CNT-555590(Valve Disc) P.O.BNT-486552(Spindle)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed D.L. Rocco TST Engineer Date 7/12, 2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 5/1/00 to 7/13/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A.A. Smith Commissions VA. 883
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/13, 2000

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 July 6, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-092 W.O.00414213-01
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Mainsteam

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
Spindle	Dresser Valves	Heat #41636	N/A	Mark #38-01-MS-SV-105 XB	N/A	Replacement	No
				DCL 7/11/00			

6. Description of Work Replace Spindle in Safety Valve.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks P.O.CNT-503021(Spindle)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed D. L. Reese ISI Engineer Date 2/12, 19 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 4/26/00 to 7/13/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions VA. 883

National Board, State, Province, and Endorsements

Date 7/13, 19 2000

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

1. Owner Virginia Electric & Power Company — Name
5000 Dominion Blvd., Glen Allen, VA 23060 — Address

2. Plant Surry Power Station — Name
5570 Hog Island Road, Surry, VA 23883 — Address

3. Work Performed By Virginia Electric & Power Company — Name
5000 Dominion Blvd., Glen Allen, VA 23060 — Address

Date May 24, 2000

Sheet 1 of 1

Unit: 1

R/R-00-093 W.O.#00414207-01
Repair Organization P.O. No. Job No., etc.

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System Main Steam

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
6" Safety Valve Disc	Dresser Valve	Heat # 45837	N/A	38-01-MS-SV-103B-Valve	N/A	Replacement	No

7. Description of Work Replaced Safety Valve Disc

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O. CNT-538440 (Safety Valve) Disc

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [signature] ISI Engineer Date 5/25 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia Hartford, Ct. and employed by HSBI and I Co. of have inspected the components described in this Owner's Report during the period 4/26/00 to 6/7/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions Va. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/7 19 00

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company — Name
   Date May 24, 2000

   5000 Dominion Blvd., Glen Allen, VA 23060 — Address
   Sheet 1 of 1

2. Plant Surry Power Station — Name
   Unit: 1

   5570 Hog Island Road, Surry, VA 23883 — Address
   R/R-00-095 W.O.#00414201-01 — Repair Organization P.O. No. Job No., etc.

3. Work Performed By Virginia Electric & Power Company — Name
   Type Code Symbol Stamp N/A
   Authorization No. N/A
   Expiration Date N/A

   5000 Dominion Blvd., Glen Allen, VA 23060 — Address

4. Identification of System Main Steam

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
4" Valve Disc	Dresser Valve	Heat# A19772	N/A	Mark# 38-01-MS-SV-101B-valve	N/A	Replacement	No

7. Description of Work Replaced safety valve DISC

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.45018754 (4" Valve Disc)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this ~~replacement~~ repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed W. G. Rose ISI Engineer Date 5/25/00 2000
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 4/27/00 to 6/5/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

A. Smith Commissions Va. 883
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/05 2000

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 June 9, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R-00-097 W.O.00414741-04
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Component Cooling

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
1" Pipe Flange	Consolidated Power Supply	Heat #S1228	N/A	Mark #1"-CC-84-151	N/A	Replacement	No
1" 90 Degree Elbow	Energy & Process Corp.	Heat #78217	N/A	Mark #1"-CC-84-151	N/A	Replacement	No
1" Pipe	Dubose Energy Services	Heat #25340	N/A	Mark #1"-CC-84-151	N/A	Replacement	No

7. Description of Work Replacement Of CC Line to Cooler

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks P.O.45015367 (1" Pipe Flange) P.O.45015780 (1" Pipe Elbow) P.O. CNT-572356 (1" Pipe)

Applicable Manufacturer's Data Reports to be attached

HSS

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the repair or replacement ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. L. Rogers ISI Engineer Date 6/9, 19 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 4/26/00 to 6/15/00, 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.

R. Smith Commissions VA. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/15/ 2000

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 July 7, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-103 W.O.00400537-01
   Address — Repair Organization P.O. No. Job No., etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Containment Spray

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
5/8" Hex Nut	Mackson, Inc.	Heat #348024	N/A	Mark #38-01-CS-38	N/A	Replacement	No
5/8" Stud	Mackson, Inc.	Heat #705794	N/A	Mark #38-01-CS-38	N/A	Replacement	No

6. Description of Work Replace Valve Bonnet Bolting

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

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FORM NIS-2 (Back)

9. Remarks P.O.CNT-573456 (Hex nut) P.O.BNT-467650 (Stud)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed W. L. Goeas TSI Engineer Date 7/7 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 5/2/00 to 7/7/00, 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.

R. L. Smith Commissions VA. 883

Inspector's Signature National Board, State, Province, and Endorsements

Date 7/7 2000

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 July 6, 2000
   Name
   5000 Dominion Blvd., Glen Allen, VA 23060 — Sheet 1 of 1
   Address
2. Plant Surry Power Station — Unit: 1
   Name
   5570 Hog Island Road, Surry, VA 23883 — R/R 00-104 W.O.00379173-01
   Address — Repair Organization P.O. No. Job No. , etc.
3. Work Performed By Virginia Electric & Power Company — Type Code Symbol Stamp N/A
   Name — Authorization No. N/A
   5000 Dominion Blvd., Glen Allen, VA 23060 — Expiration Date N/A
   Address

4. Identification of System Mainsteam

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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 Disc	Ketema Schutte & Koerting Division	Heat # 24970	N/A	Mark #38-01-MS-RV-101C-Valve	N/A	Replacement	No
Flange Disc	Ketema Schutte& Koerting Division	Heat #G416	N/A	Mark #38-01-MS-RV-101C-Valve	N/A	Replacement	No
Hex Nut	Mackson, Inc.	Heat#34413PJ	N/A	Mark #38-01-MS-RV-101C-Valve	N/A	Replacement	No
1" Threaded Rod	Mackson, Inc.	Heat#22440	N/A	Mark #38-01-MS-RV-101C-Valve	N/A	Replacement	No

6. Description of Work Replace Valve Disc / Stem. Pressure Weld Repairs.

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

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(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks P.O.45020007(Valve Disc) P.O.CNT-469670(Disc Flange)

Applicable Manufacturer's Data Reports to be attached

P.O.45041456(Hex Nut) P.O.#BNT467650(Threaded Rod)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date

Signed [signature] P.E. Engineer Date 7/7, 19 2000

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and Co. of Hartford. Ct. have inspected the components described in this Owner's Report during the period 5/4/00 to 7/7/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions VA. 883

Inspector's Signature — National Board, State, Province, and Endorsements

Date 7/7 19 2000

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Virginia Electric & Power Company — Name
   Date May 25, 2000

5000 Dominion Blvd., Glen Allen, VA 23060 — Address
Sheet 1 of 1

2. Plant Surry Power Station — Name
   Unit: 1

5570 Hog Island Road, Surry, VA 23883 — Address
R/R-00-106 W.O 00430617-01 — Repair Organization P.O. No. Job No. , etc.

3. Work Performed By Virginia Electric & Power Company — Name
   Type Code Symbol Stamp N/A
   Authorization No. N/A
   Expiration Date N/A

5000 Dominion Blvd., Glen Allen, VA 23060 — Address

4. Identification of System Reactor Coolant

5. (a) Applicable Construction Code ANSI B31.1 1955 Edition, N/A Addenda, N-1 through N-13 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
Flow Transmitter	N/A	N/A	N/A	Mark #1-RC-FT-1426	N/A	Repaired	No

7. Description of Work Repaired weld on ½" union

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks _____

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repaired (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed W. L. Reeves IST Engineer Date 5/25, 20 00
(Owner or Owner's Designee, Title)

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by HSBI and I Co. of Hartford, Ct. have inspected the components described in this Owner's Report during the period 5/8/00 to 6/5/00, 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.

J. A. Smith
Inspector's Signature

Commissions Va. 883
National Board, State, Province, and Endorsements

Date 6/5, 20 00