D3R13 Refueling Outage

In-Service Inspection Summary Report

March 9, 1994 thru November 3, 1994

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

March, 1994 Inservice Inspection
Unit No. 3; National Board No. N-139
Commercial Service Date: 11-16-71

TABLE OF CONTENTS

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

I. INTRODUCTION

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

I. INTRODUCTION

The thirteenth Inservice Inspection (ISI) of Dresden Unit 3 was performed during the Spring Refueling Outage, which lasted from March 9, 1994 to November 3, 1994. This was the first inspection period of the unit's 3rd 10-year ISI Inspection Interval which commenced on March 1, 1993.

Lambert, MacGill and Thomas, Inc. (LMT) was contracted to perform the non-destructive examinations and VECTRA was contracted to perform the visual examinations during the refuel outage. Personnel from Commonwealth Edison's System Materials Analysis Department (SMAD) participated in the inspection to advise on technical problems; perform certain examinations; review examination results; and evaluate indications.

The Authorized Nuclear Inservice Inspector's (ANII) services were provided by Hartford Steam Boiler Inspection and Insurance Company (HSB). The ANII reviewed procedures, personnel qualifications, instrument and material certifications, and examination results.

All examinations were performed in accordance with the Unit 3 Technical Specifications, the ASME Boiler and Pressure Vessel Code, Section XI, 1989 Edition, and Generic Letter 88-01 and NUREG 0619.

II. SCOPE OF INSPECTION

NIS-1 Form

Table A - ISI and Augmented Examinations

- ISI Examinations
- GL88-01 Examinations
- NUREG 0619 Feedwater Nozzle Examinations

Table B - Support Expansions

Table C - Baseline Examinations

Table D - Summary of Vessel Interior Examinations

II. SCOPE OF INSPECTION

The ISI and Augmented examinations performed are contained in the tables on the following pages. Examinations performed to satisfy the Asme Section XI Code are identified by their code item number. Examinations performed to satisfy an augmented requirement are identified by the augmented category. When one examination satisfies both the code and augmented requirement, both the code item and the augmented category are identified. The tables also show the results obtained. Indications found at above the recordable Distance Amplitude Correction (DAC) were recorded and evaluated, others were considered non-reportable indications.

Special examinations performed include:

a. Ultrasonic Examination of Jet Pump Beam Assemblies per General Electric SIL 330.

b. Ultrasonic Examination of all 92 RPV Closure Head studs per General Electric RICSIL 055.

c. Ultrasonic Examination of all 48 Shroud Head Bolts per General Electric SIL 433.

d. Visual Examination of the Core Shroud per General Electric RICSIL 054.

e. Ultrasonic Examination of Shroud Head Access Hole Covers per General Electric SIL 462.

f. Visual Examination of the CRD Cap Screws per General Electric SIL 483.

Section IV contains abbreviations used throughout this report.

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

March, 1994 Inservice Inspection
Unit No. 3; National Board No. N-139
Commercial Service Date: 11-16-71

NIS - 1 FORM

FORM NIS-1 OWNERS REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner Commonwealth Edison Co., One First National Plaza, PO Box 767, Chicago, IL 60690
(Name and Address of Owner)

2. Plant Dresden Nuclear Power Station, 6500 N. Dresden Road, Morris, IL 60450
(Name and Address of Owner)

3. Plant Unit 3 4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date 11/16/71 6. National Board Number for Unit N-139

7. Components Inspected (Total Pages In This Report, 159)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 1&2 Systems	Babcock & Wilcox Co. Barberton, Ohio	610-0111-51	B0082900	N-139

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

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

FORM NIS-1 (Back)

8. Examination Dates 3/8/94 to 11/3/94

9. Inspection Period Identification: 1st Period - From 3/1/92 to 2/28/95

10. Inspection Interval Identification: 3rd Interval - From 3/1/92 to 2/28/02

11. Applicable Edition of Section XI 1989 Addenda N/A

12. Date/Revision of Inspection Plan: 2/24/94 Revision 3

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 Attached Tables A, B, C and D

14. Abstract of Results of Examinations and Tests.
See Attached Tables A, B, C, D and Section III

15. Abstract of Corrective Measures.
See Sections III and V

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) N/A Expiration Date N/A

Date January 27 19 95 Signed Commonwealth Edison Co. (Owner) By Brendan J. Casey

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 Illinois and Employed by Hartford Steam Boiler of Hartford, CT have inspected the components described in this Owner's Report during the period 3/8/94 to 11/3/94, 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.

[signature] Inspector's Signature

Commissions NB 7742 N I S B IC 932 (National Board, State, Province, and Endorsements)

Date 2-1 19 95

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

ISI AND AUGMENTED EXAMINATIONS

Table A

ISI Examinations
GL88-01 Examinations
NUREG 0619 Feedwater Nozzle Examinations

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
BD	B3.90	N/A	FEEDWATER NOZZLE Line 3-3204C-12	N4A-2	NOZ-RPV	DRY 3rd	CS	UT	NRI
BD	B3.90	N/A	FEEDWATER NOZZLE Line 3-3204D-12	N4B-2	NOZ-RPV	DRY 3rd	CS	UT	NRI
BD	B3.90	N/A	FEEDWATER NOZZLE Line 3-3204E-12	N4D-2	NOZ-RPV	DRY 3rd	CS	UT	NRI
BD	B3.90	N/A	FEEDWATER NOZZLE Line 3-3204F-12	N4C-2	NOZ-RPV	DRY 3rd	CS	UT	NRI
BD	B3.90	N/A	ISO CONDENSER Line 3-1302-14	N5B-2	RPV-NOZ	DRY 4th	CS	UT	NRI
BD	B3.90	N/A	RECIRC INLET NOZZLE Line 3-0201D-12	N2G-2	NOZ-RPV	DRY 2nd	CS	UT	NRI
BD	B3.90	N/A	RECIRC INLET NOZZLE Line 3-0201L-12	N2D-2	NOZ-RPV	DRY 2nd	CS	UT	NRI
BD	B3.90	N/A	RECIRC INLET NOZZLE Line 3-0201M-12	N2E-2	NOZ-RPV	DRY 2nd	CS	UT	NRI
BD	B3.90	N/A	RECIRC OUTLET NOZZLE Line 3-0202A-28	N1A-2	RPV-NOZ	DRY 2nd	CS	UT	NRI
BD	B3.90	N/A	SBLC NOZZLE Line 3-1102-2	N12-2	NOZ-RPV	DRY 2nd	CS	UT	NRI
BD	B3.100	(0619)	FEEDWATER NOZZLE Line 3-3204C-12	N4A-1	NIR	DRY 3rd	CS	UT	NRI
BD	B3.100	(0619)	FEEDWATER NOZZLE Line 3-3204D-12	N4B-1	NIR	DRY 3rd	CS	UT	NRI
BD	B3.100	(0619)	FEEDWATER NOZZLE Line 3-3204E-12	N4D-1	NIR	DRY 3rd	CS	UT	NRI
BD	B3.100	(0619)	FEEDWATER NOZZLE Line 3-3204F-12	N4C-1	NIR	DRY 3rd	CS	UT	NRI
BD	B3.100	N/A	ISO CONDENSER Line 3-1302-14	N5B-1	NIR	DRY 3RD	CS	UT	NRI

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
BD	B3.100	N/A	RECIRC INLET NOZZLE Line 3-0201D-12	N2G-1	NIR	DRY 2nd	CS	UT	NRI
BD	B3.100	N/A	RECIRC INLET NOZZLE Line 3-0201L-12	N2D-1	NIR	DRY 2nd	CS	UT	NRI
BD	B3.100	N/A	RECIRC INLET NOZZLE Line 3-0201M-12	N2E-1	NIR	DRY 2nd	CS	UT	NRI
BD	B3.100	N/A	RECIRC OUTLET NOZZLE Line 3-0202A-28	N1A-1	NIR	DRY 2nd	CS	UT	NRI
BD	B3.100	N/A	SBLC Line 3-1102-2"	N12-1	NIR	DRY 2nd	N/A	VT-2	NRI
BE	B4.11	N/A	REACTOR VESSEL BOTTOM DRAIN Line 3-0207-2"	N7-2	RPV-NOZ	DRY CRD	N/A	VT-2	NRI
BE	B4.11	N/A	REACTOR VESSEL LEVEL	N13A-2	RPV-NOZ	DRY 4th	N/A	VT-2	NRI
BE	B4.11	N/A	REACTOR VESSEL LEVEL	N13B-2	RPV-NOZ	DRY 4th	N/A	VT-2	NRI
BE	B4.11	N/A	REACTOR VESSEL LEVEL	N16A-2	RPV-NOZ	DRY 3RD	N/A	VT-2	NRI
BE	B4.11	N/A	REACTOR VESSEL LEVEL	N16B-2	RPV-NOZ	DRY 3RD	N/A	VT-2	NRI
BE	B4.12	N/A	RPV LOWER HEAD	CRD NOZZLES(177)	RPV-NOZ	DRY CRD	N/A	VT-2	NRI
BE	B4.13	N/A	RPV LOWER HEAD	INSTR NOZZLES(53)	RPV-NOZ	DRY CRD	N/A	VT-2	NRI
BF	B5.10	(D)	ISCOSS Line 1302-14	N5B-3	NOZ-SE	DRY 4TH	CS/SS	PT/UT	360° Intermittent ID Geometry
BF	B5.10	(D)	RHS Line 0304-6	N18A-3	SE-NOZ	DRY HEAD	SS/CS	PT/UT	360° Intermittent ID Geometry
BF	B5.10	(D)	RHS SPARE NOZZLE	N18B-3	NOZ-SE	DRY HEAD	CS/SS	PT/UT	360° Intermittent ID Geometry
BF	B5.10	(A)	RRAD Line 0201L-12	RRA-14F	SE-NOZ	DRY 2ND	SS/CS	PT/UT	NRI
BF	B5.10	(A)	RRAD Line 0201M-12	RRA-18F	SE-NOZ	DRY 2ND	SS/CS	PT/UT	NRI
BF	B5.10	(A)	RRAS Line 0202A-28	RRA-21F	NOZ-SE	DRY 2ND	CS/SS	PT/UT	360° Intermittent ID Geometry

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
BF	B5.10	(A)	RRBD Line 0201D-12	RRB-06F	SE-NOZ	DRY 2ND	SS/CS	PT/UT	360° Intermittent ID Geometry
BF	B5.20	N/A	CRDH Line 0308-3	CRD-01F	NOZ-SE	DRY 3RD	CS/SS	PT	NRI
BF	B5.20	N/A	SBLC Line 1102-1.5	N12-3	SE-NOZ	DRY 2ND	SS/CS	PT	NRI
BG1	B6.30	N/A	REACTOR HEAD STUDS	#68, 69, 70, 71, & 72	FLGBLT	DRY HEAD	CS	MT	NRI
BG1	B6.200	N/A	RECIRC PUMP 3A-202	BLTNG (16)	PMPBLT	DRY BASE	N/A	VT-1	NRI
BG2	B7.50	N/A	SBLC Line 3-1102-1.5	SLC1.5-70-FLG	FLGBLT	RB 589N	N/A	VT-1	NRI
BG2	B7.50	N/A	SBLC Line 3-1102-1.5	SLC1.5-73-FLG	FLGBLT	RB 589N	N/A	VT-1	NRI
BG2	B7.50	N/A	SDC Line 3-1020A-6	6-K46-FLG	FLGBLT	DRY 1ST	N/A	VT-1	See Item #78 Under Section III
BG2	B7.50	N/A	SDC Line 3-1020B-6	6-K14-FLG	FLGBLT	DRY 2ND	N/A	VT-1	NRI
BG2	B7.50	N/A	MSA Line 3-3001A-6	SV-203-4A	FLGBLT	DRY 2ND	N/A	VT-1	NRI
BG2	B7.50	N/A	MSA Line 3-3001A-6	SV-203-4B	FLGBLT	DRY 2ND	N/A	VT-1	NRI
BG2	B7.50	N/A	MSA Line 3-3001A-6	TRV-203-3A	FLGBLT	DRY 2ND	N/A	VT-1	NRI
BG2	B7.50	N/A	RHS Line 3-0304-2.5	3-205-27-FLG	FLGBLT	DRY 3RD	N/A	VT-1	See Item #79 Under Section III
BG2	B7.70	N/A	CSAD Line 3-1404-10	AO-3-1402-9A	VLVBLT	DRY 3RD	N/A	VT-1	NRI
BG2	B7.70	N/A	CSBD Line 3-1403-10	AO-3-1402-9B	VLVBLT	DRY 3RD	N/A	VT-1	NRI
BG2	B7.70	N/A	FWA Line 3-3204A-18	3-220-58A	VLVBLT	DRY 1ST	N/A	VT-1	NRI
BG2	B7.70	N/A	FWB Line 3-3204B-18	3-220-58B	VLVBLT	DRY 1ST	N/A	VT-1	NRI
BG2	B7.70	N/A	HPCI Line 3-2305-10	MO-3-2301-4	VLVBLT	DRY 4TH	N/A	VT-1	NRI
BG2	B7.70	N/A	HPCI Line 3-2305-10	MO-3-2301-5	VLVBLT	TOR CWE	N/A	VT-1	NRI
BG2	B7.70	N/A	ISCOCR Line 3-1303-12	MO-3-1301-4	VLVBLT	DRY 2ND	N/A	VT-1	See Item #77 Under Section III
BG2	B7.70	N/A	LPCIAD Line 3-1519-16	AO-3-1501-25A	VLVBLT	DRY BASE	N/A	VT-1	NRI

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

ISI and Augmented Examinations

Table A

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
BG2	B7.70	N/A	LPCIAD Line 3-1519-16	3-1501-26A	VLVBLT	DRY 1ST	N/A	VT-1	NRI
BG2	B7.70	N/A	MSC Line 3-3001D-20	AO-3-203-1D	VLVBLT	DRY 1ST	N/A	VT-1	NRI
BG2	B7.70	N/A	MSC Line 3-3001C-20	AO-3-203-2C	VLVBLT	RB X	N/A	VT-1	NRI
BG2	B7.70	N/A	RRBD Line 3-0201B-28	MO-3-0202-5B	VLVBLT	DRY BASE	N/A	VT-1	See Item #80 Under Section III
BG2	B7.70	N/A	SDC Line 3-1005A-14	MO-3-1001-5B	VLVBLT	TOR CWW	N/A	VT-1	NRI
BG2	B7.80	N/A	CRD Flanges	43 Drives	FLGBLT	DRY CRD	N/A	VT-1	See Item #91 Under Section III
BJ	B9.11	(A)	CSBD Line 1403-10	CSA-07F	EL-EL	DRY 3RD	SS	PT/UT	360°Intermittent ID Geometry
BJ	B9.11	N/A	FWA Line 3204E-12	12-K3	P-EL	DRY 3RD	CS	MT/UT	360° Intermittent ID and Counterbore Geometry
BJ	B9.11	(0619)	FWA Line 3204E-12	N4D-3	SE-NOZ	DRY 3RD	CS	MT/UT	See Item #101 Under Section III
BJ	B9.11	(0619)	FWA Line 3204F-12	N4C-3	SE-NOZ	DRY 3RD	CS	MT/UT	360° Intermittent ID Geometry
BJ	B9.11	N/A	HPCISS Line 2305-10	10-K17	EL-P	DRY 1ST	CS	MT/UT	NRI
BJ	B9.11	N/A	HPCISS Line 2305-10	10-K21	F-EL	TOR CWE	CS	MT/UT	360° Intermittent ID Geometry
BJ	B9.11	N/A	HPCISS Line 2305-10	10-K4	REDE-P	DRY 4TH	CS	MT/UT	360° Intermittent ID Geometry
BJ	B9.11	N/A	HPCISS Line 2305-10	10-K8	EL-P	DRY 3RD	CS	MT/UT	NRI
BJ	B9.11	N/A	HPCISS Line 2305-10	10-K9	P-P	DRY 2ND	CS	MT/UT	NRI
BJ	B9.11	(A)	ISCOCR Line 1303-12	ISO-01F	EL-VLV	DRY 2ND	SS	PT/UT	NRI
BJ	B9.11	(A)	ISCOCR Line 1303-12	ISO-06F	EL-EL	DRY 2ND	SS	PT/UT	NRI
BJ	B9.11	(A)	ISCOCR Line 1303-12	ISO-09F	F-P	RB ICP2	SS	PT/UT	NRI
BJ	B9.11	(C)	ISCOSS Line 1302-14	14-1	SE-P	DRY 4TH	SS	PT/UT	NRI
BJ	B9.11	(C)	ISCOSS Line 1302-14	14-K6	EL-P	DRY 4TH	SS	PT/UT	360° Intermittent ID Geometry
BJ	B9.11	(A)	LPCIAD Line 1519-16	LPA-01F	EL-TEE	DRY 1ST	SS	PT/UT	360° Intermittent ID and OD Geometry
BJ	B9.11	(A)	LPCIAD Line 1519-16	LPA-04F	EL-P	DRY 1ST	SS	PT/UT	360° Intermittent ID and OD Geometry

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

ISI and Augmented Examinations

Table A

March, 1994 Inservice Inspection
Unit No. 3; National Board No. N-139
Commercial Service Date: 11-16-71

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
BJ	B9.11	(A)	LPCIAD Line 1519-16	LPA-08F	P-F	TOR CWE	SS	PT/UT	NRI
BJ	B9.11	N/A	MSA Line 3001A-20	20-K17	P-EL	DRY 2ND	CS	MT/UT	360° Intermittent Counterbore Geometry
BJ	B9.11	N/A	MSA Line 3001A-6	6-K16	P-FLG	DRY 2ND	CS	MT/UT	NRI
BJ	B9.11	N/A	MSC Line 3001C-6	6-K11	P-FLG	DRY 2ND	CS	MT/UT	NRI
BJ	B9.11	(D)	RHS Line 0304-6	6A-1	FLG-SE	DRY HEAD	SS	PT/UT	NRI
BJ	B9.11	(D)	RHSP Line RH SPARE	6B-1	SE-FLG	DRY HEAD	SS	PT/UT	NRI
BJ	B9.11	(A)	RRAD Line 0201A-28	RRA-47F	P-TEE	DRY 1ST	SS	PT/UT	360° Intermittent ID and OD Geometry
BJ	B9.11	(A)	RRAD Line 0201L-12	RRA-13F	P-SE	DRY 2ND	SS	PT/UT	NRI
BJ	B9.11	(A)	RRAS Line 0202A-28	RRA-22F	SE-TEE	DRY 2ND	SS	PT/UT	360° Intermittent ID Geometry
BJ	B9.11	(A)	RRAS Line 0202A-28	RRA-59F	P-EL	DRY BASE	SS	PT/UT	360° Intermittent ID Geometry
BJ	B9.11	(A)	RRBS Line 0202B-28	RRB-59F	P-EL	DRY BASE	SS	PT/UT	360° Intermittent ID Geometry
BJ	B9.11	(A)	RRBS Line 1001A-16	RRB-53S	TEE-P	DRY 1ST	SS	PT/UT	NRI
BJ	B9.11	N/A	SDC Line 1001A-16	16-K33	F-P	RB SDC1	CS	MT/UT	360° Intermittent ID Geometry
BJ	B9.11	N/A	SDC Line 1001B-14	14-K26B-5	P-EL	RB SDC1	CS	MT/UT	360° Intermittent Counterbore and OD Geometry
BJ	B9.11	(A)	SDC Line 1001B-16	SDA-06F	P-VLV	DRY 2ND	SS	PT/UT	NRI
BJ	B9.11	N/A	SDC Line 1020B-6	6-K14	P-FLG	DRY 2ND	CS/SS	MT/UT	360° Intermittent ID Geometry
BJ	B9.21	N/A	CRDH Line 0308-3	CRD-02F	SE-CAP	DRY 3RD	SS	PT	NRI
BJ	B9.21	N/A	RHS Line 0304-2.5	HS2.5-4	FLG-P	DRY HEAD	CS	MT	NRI
BJ	B9.21	N/A	RRAD Line 0201A-28	RRA-61S	P-SWP	DRY BASE	SS	PT	NRI
BJ	B9.21	N/A	RRBS Line 0202B-3	RRB-64F	SWP-EL	DRY BASE	SS	PT	NRI
BJ	B9.21	N/A	SBLC Line 1102-1.5	SLC1.5-40	P-F	RB 517	SS	PT	NRI
BJ	B9.21	N/A	SBLC Line 1102-1.5	SLC2-1	TEE-SE	DRY 2ND	SS	PT	NRI
BJ	B9.31	N/A	MSA Line 3001A-20	8X-15	BPC	DRY 2ND	CS	MT/UT	NRI

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
BJ	B9.31	N/A	MSC Line 3001C-20	8X-10	BPC	DRY 2ND	CS	MT/UT	NRI
BJ	B9.31	N/A	SDC Line 1001B-14	14X-26B-2	SDL-P	RB SDC1	CS	MT	NRI
BJ	B9.31	N/A	SDC Line 1001B-16	16X-12	P-SDL	DRY 2ND	CS	MT	NRI
BJ	B9.31	N/A	SDC Line 1001B-16	16X-26B-1	P-SDL	RB SDC1	CS	MT	NRI
BJ	B9.31	N/A	SDC Line 1001B-16	6X-13	SDL-P	DRY 2ND	CS	MT	NRI
BJ	B9.32	N/A	RRAD Line 0201M-12	RRA-68S	P-SWP	DRY 2ND	SS	PT	NRI
BJ	B9.32	N/A	RRAS Line 0202A-28	RRA-58S	P-SWP	DRY BASE	SS	PT	NRI
BJ	B9.32	N/A	RRAS Line 0202A-28	RRA-66S	P-SWP	DRY BASE	SS	PT	NRI
BJ	B9.32	N/A	RRBS Line 0202B-28	RRB-58S	P-SWP	DRY BASE	SS	PT	NRI
BJ	B9.40	N/A	RHV Line 0214-2	HV2-33	SWT-P	DRY 4TH	CS	MT	NRI
BJ	B9.40	N/A	RHV Line 0214-2	HV2-38	P-SWE	DRY 3RD	CS	MT	NRI
BJ	B9.40	N/A	RHV Line 0214-2	HV2-48	P-SWE	DRY 2ND	CS	MT	NRI
BJ	B9.40	N/A	RHV Line 0215-2	HV2-21	P-SWE	DRY 4TH	CS	MT	NRI
BJ	B9.40	N/A	RHV Line 0215-2	HV2-25	P-SWT	DRY 4TH	CS	MT	NRI
BJ	B9.40	N/A	RHV Line 0215-2	HV2-29	SWT-P	DRY 4TH	CS	MT	NRI
BJ	B9.40	N/A	RHV Line 0215-2	HV2-32	P-SWV	DRY 4TH	CS	MT	NRI
BJ	B9.40	N/A	RRAS Line 0204A-2	2-5(A)	SWE-P	DRY BASE	SS	PT	NRI
BJ	B9.40	N/A	RRBS Line 0204B-2	2-4(A)	P-SWE	DRY BASE	SS	PT	NRI
BJ	B9.40	N/A	SBLC Line 1102-1.5	SLC1.5-14	P-SWE	DRY 2ND	SS	PT	NRI
BJ	B9.40	N/A	SBLC Line 1102-1.5	SLC1.5-17	SWE-P	DRY 2ND	SS	PT	NRI
BJ	B9.40	N/A	SBLC Line 1102-1.5	SLC1.5-20	P-SWC	DRY 2ND	SS	PT	NRI
BJ	B9.40	N/A	SBLC Line 1102-1.5	SLC1.5-24	P-SWC	DRY 2ND	SS	PT	NRI
BJ	B9.40	N/A	SBLC Line 1102-1.5	SLC1.5-28	P-SWE	DRY 2ND	SS	PT	NRI
BJ	B9.40	N/A	SBLC Line 1102-1.5	SLC1.5-33	SWT-P	DRY 2ND	SS	PT	NRI

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
BJ	B9.40	N/A	SBLC Line 1102-1.5	SLC1.5-34	SWT-RED	DRY 2ND	SS	PT	NRI
BJ	B9.40	N/A	SBLC Line 1102-1.5	SLC1.5-41	SWE-P	RB 517	SS	PT	NRI
BJ	B9.40	N/A	SBLC Line 1102-1.5	SLC1.5-43	SWC-P	RB ICP2	SS	PT	NRI
BJ	B9.40	N/A	SBLC Line 1102-1.5	SLC1.5-45	SWC-P	RB ICP2	SS	PT	NRI
BJ	B9.40	N/A	SBLC Line 1102-1.5	SLC1.5-67	SWE-P	RB 589N	SS	PT	NRI
BJ	B9.40	N/A	SBLC Line 1102-1.5	SLC1.5-8	SWT-RED	DRY 2ND	SS	PT	NRI
BJ	B9.40	N/A	SBLC Line 1102-1.5	SLC1.5-9	P-SWT	DRY 2ND	SS	PT	NRI
BM2	12.50	N/A	FWA Line 3-3204A-18	3-220-58A	VLV	DRY 1ST	N/A	VT-3/4	NRI
BM2	12.50	N/A	FWB Line 3-3204B-18	3-220-58B	VLV	DRY 1ST	N/A	VT-3/4	NRI
BM2	12.50	N/A	HPCISS Line 3-2305-10	MO-3-2301-4	VLV	DRY 4TH	N/A	VT-3/4	See Item #92 Under Section III
BM2	12.50	N/A	HPCISS Line 3-2305-10	MO-3-2301-5	VLV	TOR CWE	N/A	VT-3/4	NRI
BM2	12.50	N/A	ISCOCR Line 3-1303-12	MO-3-1301-4	VLV	DRY 2ND	N/A	VT-3/4	See Item #93 Under Section III
BM2	12.50	N/A	LPCIAD Line 3-1519-16	AO-3-1501-25A	VLV	DRY BASE	N/A	VT-3/4	See Item #94 Under Section III
BM2	12.50	N/A	MSD Line 3-3001D-20	AO-3-202-1D	VLV	DRY 1ST	N/A	VT-3/4	NRI
BM2	12.50	N/A	MSC Line 3-3001C-20	AO-3-203-2C	VLV	RB X	N/A	VT-3/4	See Item #95 Under Section III
BM2	12.50	N/A	SDC Line 3-1005A-14	MO-3-1001-5B	VLV	TOR CWW	N/A	VT-3/4	NRI
BN1/BN2	B13.10 thru B13.40	N/A	Vessel Interior/ Interior Attachments/ Core Support Structure	N/A	N/A	RPV	N/A	VT-1, VT-3/4 & UT	See Table D - Summary of Vessel Interior Examinations
BP	B15.11	N/A	Pressure Retaining Boundary	N/A	N/A	DRY, RB	N/A	VT-2	See Item #105 Under Section III
BP	B15.11	N/A	SBLC Test Block 11D1	N/A	N/A	DRY, RB	N/A	VT-2	NRI

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
CA	C1.30	N/A	LPCIHX 3A-1503	3-1503A-2	TBSH-SHL	RB CRE	CS	MT	NRI
CC	C3.20	N/A	CRDSD Line 0384-8	M-1188D-1173	IWA	RB 517	CS	MT	NRI
CC	C3.20	N/A	CRDSD Line 0385-8	M-1188D-1164	IWA	RB 517	CS	MT	NRI
CC	C3.20	N/A	CRDSD Line 0408A-6	M-1188D-1123	IWA	RB 517	CS	MT	NRI
CC	C3.20	N/A	CRDSD Line 0409A-20	M-1188D-1120	IWA	RB TIP	CS	MT	NRI
CC	C3.20	N/A	CSAD Line 1404-12	M-3408-11	IWA	RB CRE	CS	MT	NRI
CC	C3.20	N/A	CSAD Line 1404-12	M-3408-24	IWA	TOR CWE	CS	MT	NRI
CC	C3.20	N/A	CSAS Line 1402-16	M-3403-04	IWA	RB CRE	CS	MT	NRI
CC	C3.20	N/A	CSAS Line 1402-16	M-3403-07	IWA	RB CRE	CS	MT	See Item #96 Under Section III
CC	C3.20	N/A	CSBD Line 1403-12	M-3409-19	IWA	TOR CWW	CS	MT	NRI
CC	C3.20	N/A	CSBD Line 1403-12	M-3409-20	IWA	TOR CWW	CS	MT	NRI
CC	C3.20	N/A	CSBD Line 1406-8	M-3409-09	IWA	TOR CWW	CS	MT	NRI
CC	C3.20	N/A	HPCIPD Line 2304-14	M-1187D-72	IWA	TOR CWE	CS	MT	NRI
CC	C3.20	N/A	HPCIPS Line 2302-16	M-3405-05	IWA	TOR BASE	CS	MT	NRI
CC	C3.20	N/A	HPCIPS Line 2302-16	M-3405-12	IWA	RB CRE	CS	MT	NRI
CC	C3.20	N/A	ISCOCR Line 1303-12	M-1199D-258	IWA	RB ICP2	SS	PT	See Item #97 Under Section III
CC	C3.20	N/A	LPCIAD Line 1508A-12	M-3413-19	IWA	RB CRE	CS	MT	NRI
CC	C3.20	N/A	LPCIAD Line 1519-18	M-3408-25	IWA	TOR CWE	CS	MT	NRI
CC	C3.20	N/A	LPCIAD Line 1530-18	M-3413-10	IWA	RB CRE	CS	MT	See Item #98 Under Section III
CC	C3.20	N/A	LPCIAS Line 1507-24	M-3403-06	IWA	TOR BASE	CS	MT	NRI
CC	C3.20	N/A	LPCIAS Line 1507A-14	M-3403-10	IWA	RB CRE	CS	MT	See Item #99 Under Section III
CC	C3.20	N/A	LPCITR Line 1522-14	M-1200D-1011	IWA	TOR CWE	CS	MT	NRI

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
CC	C3.30	N/A	CSAS PMP 3A-1401	M-1186D-1016	IWA	RB CRE	CS	MT	NRI
CC	C3.30	N/A	LPCIAS PMP 3A-1501	M-1200D-1017	IWA	RB CRE	CS	MT	NRI
CF1	C5.11	N/A	ISCOCR Line 1303-12	12-12	P-EL	RB ICP3	SS	PT/UT	Counter Bore Geometry
CF1	C5.11	N/A	ISCOCR Line 1303-12	12-13	EL-P	RB ICP3	SS	PT/UT	NRI
CF1	C5.11	N/A	ISCOCR Line 1303-12	12-19	EL-VLV	RB ICP2	SS	PT/UT	NRI
CF1	C5.11	N/A	ISCOCR Line 1303-12	12-6	P-EL	RB ICP3	SS	PT/UT	NRI
CF1	C5.11	N/A	ISCOCR Line 1303-12	12-7	EL-P	RB ICP3	SS	PT/UT	NRI
CF1	C5.11	(C)	ISCOSS Line 1302-14	14-2	P-EL	RB ICP3	SS	PT/UT	NRI
CF1	C5.11	(C)	ISCOSS Line 1302-14	14-4	P-EL	RB ICP3	SS	PT/UT	360° ID Geometry and OD Long. Seam Geometry
CF1	C5.11	N/A	LPCIBD Line 1506-16	16-20	RED-VLV	TOR CWW	CS/SS	PT/UT	360° Intermittent Geometry
CF2	C5.51	N/A	CRDSD Line 0385-8	8-4	P-TEE	RB 517	CS	MT/UT	360° ID Geometry
CF2	C5.51	N/A	CRDSD Line 0408A-6	6-401	EL-P	RB 517	CS	MT/UT	360° ID Geometry
CF2	C5.51	N/A	CRDSD Line 0408A-6	6-74	TEE-P	RB 517	CS	MT/UT	360° Intermittent ID Geometry
CF2	C5.51	N/A	CSAD Line 1404-12	12-3	P-EL	RB CRE	CS	MT/UT	360° Intermittent ID Geometry
CF2	C5.51	N/A	CSAD Line 1404-12	12-38	EL-P	RB 517	CS	MT/UT	NRI
CF2	C5.51	N/A	CSAS Line 1402-16	16-18	P-PMP	RB CRE	CS	MT/UT	NRI
CF2	C5.51	N/A	HPCIPD Line 2304-14	14-37	P-EL	TOR CWE	CS	MT/UT	360° Intermittent ID and Counterbore Geometry
CF2	C5.51	N/A	HPCIPD Line 2304-14	14-41	P-EL	TOR CWE	CS	MT/UT	360° Intermittent ID and Counterbore Geometry
CF2	C5.51	N/A	HPCIPS Line 2302-16	16-7	P-VLV	TOR BASE	CS	MT/UT	ID Geometry
CF2	C5.51	N/A	HPCISS Line 2305-10	10-4	EL-P	TOR CWE	CS	MT/UT	360° Intermittent ID Geometry

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
CF2	C5.51	N/A	LPCIAD Line 1509-18	18-17	P-TEE	TOR CWE	CS	MT/UT	360° Intermittent ID, OD, and Counterbore Geometry
CF2	C5.51	N/A	LPCIAD Line 1519-18	18-12.1	P-P	TOR CWE	CS	MT/UT	360° Intermittent ID and Counterbore Geometry, and Laminar Reflectors
CF2	C5.51	N/A	LPCIAD Line 1530-18	18-8	P-EL	RB CRE	CS	MT/UT	360° ID Geometry
CF2	C5.51	N/A	LPCIAS Line 1507-24	24-3	EL-EL	TOR BASE	CS	MT/UT	NRI
CF2	C5.51	N/A	LPCIAS Line 1507A-14	14-10	EL-P	RB CRE	CS	MT/UT	NRI
CF2	C5.51	N/A	LPCITR Line 1517-14	14-1(A)	P-VLV	TOR CWW	CS	MT/UT	360° Intermittent Counterbore Geometry.
CF2	C5.51	N/A	LPCITR Line 1522-14	14-15	P-TEE	TOR CWE	CS	MT/UT	360° Intermittent ID, OD, and Counterbore Geometry
CF2	C5.51	N/A	LPCITR Line 1522-14	14-3	P-EL	TOR CWE	CS	MT/UT	360° Intermittent ID, and Counterbore Geometry
CF2	C5.51	N/A	LPCIX Line 1531-18	18-9	P-EL	TOR CWW	CS	MT/UT	See Item #100 Under Section III
CF2	C5.81	N/A	LPCIAD Line 1508-18	18-2A	SDL-P	RB CRE	CS	MT	NRI
CF2	C5.81	N/A	LPCIAD Line 1508-18	18-2B	BRP-SDL	RB CRE	CS	MT	NRI
CH	C7.1-8	N/A	'A' Core Spray Pump Motor Cooling Coil Test Block 14A1	N/A	N/A	RB CRE	N/A	VT-2	NRI
CH	C7.1-8	N/A	'B' Core Spray Pump Motor Cooling Coil Test Block 14A1	N/A	N/A	RB CRW	N/A	VT-2	NRI
CH	C7.1-8	N/A	Core Spray Test Block 14D1	N/A	N/A	RB	N/A	VT-2	NRI
CH	C7.1-8	N/A	Core Spray Test Block 14D2	N/A	N/A	RB	N/A	VT-2	NRI
CH	C7.1-8	N/A	CRD Test Block 03A1	N/A	N/A	RB	N/A	VT-2	See Item #106 Under Section III
CH	C7.1-8	N/A	HPCIPD Test Block 23D1	N/A	N/A	RB	N/A	VT-2	NRI

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
CH	C7.1-8	N/A	HPCI Instrumentation Test Block ILRT	N/A	N/A	RB	N/A	VT-2	NRI
CH	C7.1-8	N/A	HFSLDS Test Block 02A1	N/A	N/A	DRY	N/A	VT-2	NRI
CH	C7.1-8	N/A	ISCOSS Test Block 13A1	N/A	N/A	RB	N/A	VT-2	See Item #107 Under Section III
CH	C7.1-8	N/A	LPCIAD Test Block 15C1	N/A	N/A	RB	N/A	VT-2	NRI
CH	C7.1-8	N/A	LPCIAD Test Block 15C2	N/A	N/A	RB	N/A	VT-2	NRI
CH	C7.1-8	N/A	'A' LPCI Pump Motor Cooling Coil Test Block 15A1	N/A	N/A	RB CRE	N/A	VT-2	NRI
CH	C7.1-8	N/A	'B' LPCI Pump Motor Cooling Coil Test Block 15A1	N/A	N/A	RB CRE	N/A	VT-2	NRI
CH	C7.1-8	N/A	'C' LPCI Pump Motor Cooling Coil Test Block 15A1	N/A	N/A	RB CRW	N/A	VT-2	NRI
CH	C7.1-8	N/A	'D' LPCI Pump Motor Cooling Coil Test Block 15A1	N/A	N/A	RB CRW	N/A	VT-2	NRI
CH	C7.1-8	N/A	SBLC Test Block 11A1	N/A	N/A	RB 589N	N/A	VT-2	NRI
DB	D2.1	N/A	DGSW Test Block 39F1	N/A	N/A	TB	N/A	VT-2	NRI
DB	D2.1	N/A	SRVDA Test Block 30A01	N/A	N/A	DRY	N/A	VT-2	NRI
DB	D2.1	N/A	SRVDB Test Block 30A02	N/A	N/A	DRY	N/A	VT-2	NRI
DB	D2.1	N/A	SRVDC Test Block 30A03	N/A	N/A	DRY	N/A	VT-2	NRI
DB	D2.1	N/A	SRVDD Test Block 30A04	N/A	N/A	DRY	N/A	VT-2	NRI
DB	D2.1	N/A	SRVDE Test Block 30A05	N/A	N/A	DRY	N/A	VT-2	NRI
DB	D2.2-6	N/A	SRVDE Line 3-3019E-8	M-564J SHT 16	IWA	DRY 1ST	N/A	VT-3/4	NRI

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
FA	F1.1-7	N/A	CSAD Line 3-1404-10	X-149B-PG	CL 1 SUP	DRY 3RD	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	CSBD Line 3-1403-10	M-1186D-1	CL 1 SUP	DRY 3RD	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	CSBD Line 3-1403-10	M-1186D-1002	CL 1 SUP	DRY 3RD	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	CSBD Line 3-1403-10	M-1186D-1003	CL 1 SUP	DRY 3RD	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	CSBD Line 3-1403-10	M-1186D-1005	CL 1 SUP	DRY 3RD	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	HPCISS Line 3-2305-10	M-1187D-502	CL 1 SUP	DRY 3RD	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	ISCOCR Line 3-1303-12	M-1199D-1001	CL 1 SUP	DRY 2ND	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	ISCOSS Line 3-1302-14	M-1199D-1	CL 1 SUP	DRY 4TH	N/A	VT-3/4	See Item #81 Under Section III
FA	F1.1-7	N/A	ISCOSS Line 3-1302-14	M-1199D-264	CL 1 SUP	DRY 4TH	N/A	VT-3/4	See Item #82 Under Section III
FA	F1.1-7	N/A	LPCIBD Line 3-1506-16	M-1200D-1003	CL 1 SUP	DRY 1ST	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCIBD Line 3-1506-16	M-1200D-1004	CL 1 SUP	DRY BASE	N/A	VT-3/4	See Item #1 Under Section III
FA	F1.1-7	N/A	LPCIBD Line 3-1506-16	X-116B-PG	CL 1 SUP	DRY BASE	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	MSDN Line 3-3007-2	M-1212D-1	CL 1 SUP	DRY 1ST	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	MSDN Line 3-3007-2	M-1212D-2	CL 1 SUP	DRY 1ST	N/A	VT-3/4	See Item #2 Under Section III
FA	F1.1-7	N/A	MSDN Line 3-3007-2	M-1212D-3	CL 1 SUP	DRY 1ST	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RHS Line 3-0304-2.5	M-1203D-1	CL 1 SUP	DRY HEAD	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RHS Line 3-0304-2.5	M-1203D-255	CL 1 SUP	DRY 3RD	N/A	VT-3/4	See Item #3 Under Section III
FA	F1.1-7	N/A	RHS Line 3-0304-2.5	X-147-PG	CL 1 SUP	DRY 3RD	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RHV Line 3-0214-2	M-1214D-1	CL 1 SUP	DRY 1ST	N/A	VT-3/4	See Item #4 Under Section III
FA	F1.1-7	N/A	RHV Line 3-0214-2	M-1214D-2	CL 1 SUP	DRY 1ST	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RHV Line 3-0214-2	M-1214D-3	CL 1 SUP	DRY 2ND	N/A	VT-3/4	See Item #5 Under Section III
FA	F1.1-7	N/A	RHV Line 3-0214-2	M-1214D-4	CL 1 SUP	DRY 2ND	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RPV Line 3-RPV SHELL	M-1211D-2	CL 1 SUP	DRY 4TH	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RPV Line 3-RPV SHELL	M-1211D-4	CL 1 SUP	DRY 4TH	N/A	VT-3/4	NRI

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
FA	F1.1-7	N/A	RRBD Line 3-0201B-22	M-1193D-1011	CL 1 SUP	DRY 1ST	N/A	VT-3/4	See Item #6 Under Section III
FA	F1.1-7	N/A	RRBD Line 3-0201B-28	M-1193D-1004	CL 1 SUP	DRY 1ST	N/A	VT-3/4	See Item #7 Under Section III
FA	F1.1-7	N/A	RRBD Line 3-0201B-28	M-1193D-1010	CL 1 SUP	DRY BASE	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RRBD Line 3-0201G-12	M-1193D-1008	CL 1 SUP	DRY 1ST	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RRBD Line 3-0201B-28	M-1193D-1033	CL 1 SUP	DRY BASE	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RVBD Line 3-0207-2	M-1195D-1010	CL 1 SUP	DRY 1ST	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RVBD Line 3-0207-2	M-1195D-1011	CL 1 SUP	DRY 1ST	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RVBD Line 3-0207-2	M-1195D-1014	CL 1 SUP	DRY CRD	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RWCU Line 3-1201-8	M-1195D-1001	CL 1 SUP	DRY 2ND	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RWCU Line 3-1201-8	M-1195D-1002	CL 1 SUP	DRY 2ND	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RWCU Line 3-1201-8	M-1195D-1003	CL 1 SUP	DRY 2ND	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RWCU Line 3-1201-8	X-113-PG	CL 1 SUP	DRY 2ND	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RWCU Line 3-1265-2	M-1195D-1007	CL 1 SUP	DRY 1ST	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RWCU Line 3-1265-2	M-1195D-1008	CL 1 SUP	DRY 1ST	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	RWCU Line 3-1265-2	M-1195D-1009	CL 1 SUP	DRY 1ST	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-1	CL 1 SUP	DRY 2ND	N/A	VT-3/4	See Item #8 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-2	CL 1 SUP	DRY 2ND	N/A	VT-3/4	See Item #8 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-268	CL 1 SUP	RB 570	N/A	VT-3/4	See Item #10 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-269	CL 1 SUP	RB 570	N/A	VT-3/4	See Item #11 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-270	CL 1 SUP	RB 570	N/A	VT-3/4	See Item #12 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-271	CL 1 SUP	RB 570	N/A	VT-3/4	See Item #13 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-272	CL 1 SUP	RB 570	N/A	VT-3/4	See Item #14 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-273	CL 1 SUP	RB 570	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-274	CL 1 SUP	RB 570	N/A	VT-3/4	NRI

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-284	CL 1 SUP	DRY 2ND	N/A	VT-3/4	See Item #15 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-285	CL 1 SUP	DRY 2ND	N/A	VT-3/4	See Item #16 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-286	CL 1 SUP	DRY 2ND	N/A	VT-3/4	See Item #17 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-3	CL 1 SUP	DRY 2ND	N/A	VT-3/4	See Item #8 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-4	CL 1 SUP	DRY 2ND	N/A	VT-3/4	See Item #8 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-5	CL 1 SUP	DRY 2ND	N/A	VT-3/4	See Item #9 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-55	CL 1 SUP	RB 570	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-57	CL 1 SUP	RB 570	N/A	VT-3/4	See Item # 18 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-58	CL 1 SUP	RB 570	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-6	CL 1 SUP	DRY 2ND	N/A	VT-3/4	See Item #8 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-62	CL 1 SUP	RB 570	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-63	CL 1 SUP	RB 570	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-7	CL 1 SUP	DRY 2ND	N/A	VT-3/4	See Item #8 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-72	CL 1 SUP	RB 570	N/A	VT-3/4	See Item #19 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-75	CL 1 SUP	RB 589N	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-8	CL 1 SUP	DRY 2ND	N/A	VT-3/4	See Item #8 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-85	CL 1 SUP	RB 570	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	M-1190D-9	CL 1 SUP	DRY 2ND	N/A	VT-3/4	See Item #8 Under Section III
FA	F1.1-7	N/A	SBLC Line 3-1102-1.5	X-138-F	CL 1 SUP	RB 517	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	SDC Line 3-1001A-16	M-1201D-1005	CL 1 SUP	DRY 1ST	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	CSAD Line 3-1404-12	M-3408-03	CL 2 SUP	TOR CWE	N/A	VT-3/4	See Item #20 Under Section III
FA(1)	F1.1-7	N/A	CSAD Line 3-1404-12	M-3408-13	CL 2 SUP	RB CRE	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	CSAD Line 3-1404-12	M-3408-30	CL 2 SUP	TOR CWE	N/A	VT-3/4	See Item #21 Under Section III
FA(1)	F1.1-7	N/A	CSAD Line 3-1404-12	M-3408-31	CL 2 SUP	RB 517	N/A	VT-3/4	NRI

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
FA(1)	F1.1-7	N/A	CSAS Line 3-1402-16	M-3402-34	CL 2 SUP	TOR BASE	N/A	VT-3/4	See Item #22 Under Section III
FA(1)	F1.1-7	N/A	CSBD Line 3-1403-10	M-3409-33	CL 2 SUP	RB SDC2	N/A	VT-3/4	See Item #23 Under Section III
FA	F1.1-7	N/A	CSBD Line 3-1403-12	M-3409-15	CL 2 SUP	TOR CWW	N/A	VT-3/4	See Item #24 Under Section III
FA	F1.1-7	N/A	CSBD Line 3-1403-12	M-3409-16	CL 2 SUP	TOR CWW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	CSBD Line 3-1403-12	M-3409-17	CL 2 SUP	RB CRW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	CSBD Line 3-1403-12	M-3409-18	CL 2 SUP	TOR CWW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	CSBD Line 3-1403-12	M-3409-19	CL 2 SUP	TOR CWW	N/A	VT-3/4	See Item #25 Under Section III
FA	F1.1-7	N/A	CSBD Line 3-1403-12	M-3409-20	CL 2 SUP	TOR CWW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	CSBD Line 3-1403-12	M-3409-23	CL 2 SUP	RB CRW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	CSBD Line 3-1403-12	M-3409-26	CL 2 SUP	RB CRW	N/A	VT-3/4	See Item #26 Under Section III
FA	F1.1-7	N/A	CSBD Line 3-1403-12	M-3409-27	CL 2 SUP	TOR CWW	N/A	VT-3/4	See Item #27 Under Section III
FA	F1.1-7	N/A	CSBD Line 3-1403-12	M-3409-28	CL 2 SUP	TOR CWW	N/A	VT-3/4	See Item #28 Under Section III
FA	F1.1-7	N/A	CSBD Line 3-1403-12	M-3409-29	CL 2 SUP	TOR CWW	N/A	VT-3/4	See Item #29 Under Section III
FA	F1.1-7	N/A	CSBD Line 3-1403-12	M-3409-30	CL 2 SUP	TOR CWW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	CSBD Line 3-1403-12	M-3409-31	CL 2 SUP	TOR CWW	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	CSBD Line 3-1406-8	M-3409-09	CL 2 SUP	TOR CWW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	CSBD Line 3-1406-8	M-3409-12	CL 2 SUP	TOR CWW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	CSBS Line 3-1401-16	M-3404-06	CL 2 SUP	RB CRW	N/A	VT-3/4	See Item #30 Under Section III
FA	F1.1-7	N/A	CSBS Line 3-1401-16	M-3404-13	CL 2 SUP	RB CRW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	CSBS Line 3-3B-1401	M-1186D-1017	CL 2 SUP	RB CRW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	HPCIPS Line 3-2301-16	M-3405-03	CL 2 SUP	RB HPCI	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	HPCIPS Line 3-2301-16	M-3405-04	CL 2 SUP	RB HPCI	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	HPCIPS Line 3-2301-16	M-3405-09	CL 2 SUP	RB HPCI	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	HPCIPS Line 3-2302-16	M-3405-08	CL 2 SUP	RB HPCI	N/A	VT-3/4	NRI

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
FA	F1.1-7	N/A	HPCIPS Line 3-2302-16	M-3405-12	CL 2 SUP	RB CRE	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	HPCISS Line 3-2305-10	2305-M-215	CL 2 SUP	TOR CWE	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	HPCISS Line 3-2305-10	2305-M-217	CL 2 SUP	RB HPCI	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	HPCISS Line 3-2305-10	2305-M-219	CL 2 SUP	RB HPCI	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	HPCISS Line 3-2305-10	2305-M-221	CL 2 SUP	RB HPCI	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	HPCISS Line 3-2305-10	M-1187D-260	CL 2 SUP	TOR CWE	N/A	VT-3/4	See Item #83 Under Section III
FA	F1.1-7	N/A	HPCISS Line 3-2305-10	M-1187D-261	CL 2 SUP	RB HPCI	N/A	VT-3/4	See Item #84 Under Section III
FA	F1.1-7	N/A	HPCISS Line 3-2305-10	M-1187D-262	CL 2 SUP	RB HPCI	N/A	VT-3/4	See Item #85 Under Section III
FA	F1.1-7	N/A	HPCISS Line 3-2305-10	M-1187D-263	CL 2 SUP	RB HPCI	N/A	VT-3/4	See Item #86 Under Section III
FA(1)	F1.1-7	N/A	HPCISS Line 3-2305-10	M-1187D-264	CL 2 SUP	RB HPCI	N/A	VT-3/4	See Item #87 Under Section III
FA	F1.1-7	N/A	HPCISS Line 3-2305-10	M-1187D-53	CL 2 SUP	RB HPCI	N/A	VT-3/4	See Item #31 Under Section III
FA	F1.1-7	N/A	HPCISS Line 3-2305-10	M-1187D-54	CL 2 SUP	RB HPCI	N/A	VT-3/4	See Item #32 Under Section III
FA	F1.1-7	N/A	HPCISS Line 3-2305-10	M-1187D-565	CL 2 SUP	RB HPCI	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	HPCISS Line 3-2305-10	M-1187D-579	CL 2 SUP	RB HPCI	N/A	VT-3/4	See Item #88 Under Section III
FA(1)	F1.1-7	N/A	HPCITE Line 3-2306-24	M-3412-03	CL 2 SUP	TOR CWE	N/A	VT-3/4	See Item #89 Under Section III
FA(1)	F1.1-7	N/A	HPCITE Line 3-2306-24	M-3412-07	CL 2 SUP	RB HPCI	N/A	VT-3/4	See Item #90 Under Section III
FA(1)	F1.1-7	N/A	ISCOSS Line 3-1302A-12	M-1199D-68	CL 2 SUP	RB 589S	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	ISCOSS Line 3-1302B-12	M-1199D-65	CL 2 SUP	RB 589S	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	ISCOSS Line 3-1302B-12	M-1199D-66	CL 2 SUP	RB 589S	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	ISCOSS Line 3-1302B-12	M-1199D-67	CL 2 SUP	RB 589S	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	LPCIAD Line 3-1509-16	M-3413-24	CL 2 SUP	RB 517	N/A	VT-3/4	See Item #33 Under Section III
FA(1)	F1.1-7	N/A	LPCIAD Line 3-1509-16	M-3413-37	CL 2 SUP	RB 517	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	LPCIAD Line 3-1519-18	M-3408-20	CL 2 SUP	TOR CWE	N/A	VT-3/4	See Item #34 Under Section III
FA(1)	F1.1-7	N/A	LPCIAD Line 3-1519-18	M-3408-21	CL 2 SUP	TOR CWE	N/A	VT-3/4	See Item #35 Under Section III

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
FA	F1.1-7	N/A	LPCIBD Line 3-1503A-12	M-3414-12	CL 2 SUP	RB CRW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCIBD Line 3-1503B-12	M-3414-13	CL 2 SUP	RB CRW	N/A	VT-3/4	See Item #36 Under Section III
FA(1)	F1.1-7	N/A	LPCIBD Line 3-1504-16	M-3414-02	CL 2 SUP	TOR CWW	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	LPCIBD Line 3-1504-16	M-3414-04	CL 2 SUP	TOR CWW	N/A	VT-3/4	See Item #37 Under Section III
FA	F1.1-7	N/A	LPCIBD Line 3-1504-16	M-3414-16	CL 2 SUP	RB 517	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCIBD Line 3-1504-16	M-3414-17	CL 2 SUP	RB 517	N/A	VT-3/4	See Item #38 Under Section III
FA	F1.1-7	N/A	LPCIBD Line 3-1504-16	M-3414-22	CL 2 SUP	RB 517	N/A	VT-3/4	See Item #39 Under Section III
FA	F1.1-7	N/A	LPCIBD Line 3-1504-18	M-3414-10	CL 2 SUP	RB CRW	N/A	VT-3/4	See Item #40 Under Section III
FA	F1.1-7	N/A	LPCIBD Line 3-1504-18	M-3414-14	CL 2 SUP	RB CRW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCIBD Line 3-1504-18	M-3414-20	CL 2 SUP	RB CRW	N/A	VT-3/4	See Item #41 Under Section III
FA	F1.1-7	N/A	LPCIBD Line 3-1504-18	M-3414-21	CL 2 SUP	RB CRW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCIBD Line 3-1534-18	M-3414-09	CL 2 SUP	RB CRW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCIBD Line 3-1534-18	M-3414-11	CL 2 SUP	RB CRW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCIBD Line 3-1534-18	M-3414-19	CL 2 SUP	RB CRW	N/A	VT-3/4	See Item #42 Under Section III
FA	F1.1-7	N/A	LPCIBS Line 3-1502-24	M-3404-09	CL 2 SUP	RB CRW	N/A	VT-3/4	See Item #43 Under Section III
FA	F1.1-7	N/A	LPCI Pump 3C-1502	M-1200D-1021	CL 2 SUP	RB CRW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCI Pump 3D-1502	M-1200D-1022	CL 2 SUP	RB CRW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCI Heat Exchanger 3B-1503	M-1200D-1019	CL 2 SUP	RB CRW	N/A	VT-3/4	See Item #44 Under Section III
FA	F1.1-7	N/A	LPCI Heat Exchanger 3B-1503	M-1200D-1020	CL 2 SUP	RB CRW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCITR Line 3-1517-14	M-1200D-1014	CL 2 SUP	TOR CWW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCITR Line 3-1517-14	M-3409-02	CL 2 SUP	TOR CWW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCITR Line 3-1517-14	M-3409-03	CL 2 SUP	TOR CWW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCITR Line 3-1517-14	M-3409-08	CL 2 SUP	TOR CWW	N/A	VT-3/4	See Item #45 Under Section III

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
FA	F1.1-7	N/A	LPCITR Line 3-1522-14	M-1200D-1011	CL 2 SUP	TOR CWE	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCITR Line 3-1522-14	M-3408-15	CL 2 SUP	TOR CWE	N/A	VT-3/4	See Item #46 Under Section III
FA	F1.1-7	N/A	LPCITR Line 3-1522-14	M-3408-17	CL 2 SUP	TOR CWE	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCITR Line 3-1522-14	M-3408-26	CL 2 SUP	TOR CWE	N/A	VT-3/4	See Item #47 Under Section III
FA(1)	F1.1-7	N/A	LPCIX Line 3-1531-18	M-3413-17	CL 2 SUP	TOR CWE	N/A	VT-3/4	See Item #48 Under Section III
FA	F1.1-7	N/A	LPCIX Line 3-1531-18	M-3413-22	CL 2 SUP	RB CRW	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	CCSW Line 3-1510-16	M-1200D-103	CL 3 SUP	TB 534	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	CCSW Line 3-1510-16	M-1200D-105	CL 3 SUP	TB 534	N/A	VT-3/4	See Item #49 Under Section III
FA(1)	F1.1-7	N/A	CCSW Line 3-1510-16	M-1200D-119	CL 3 SUP	TB 549	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	CCSW Line 3-1510-16	M-1200D-285	CL 3 SUP	TB 534	N/A	VT-3/4	See Item #50 Under Section III
FA(1)	F1.1-7	N/A	CCSW Line 3-1510-16	M-1200D-288	CL 3 SUP	TB 534	N/A	VT-3/4	See Item #51 Under Section III
FA	F1.1-7	N/A	CCSW Line 3-1510-16	M-1200D-289	CL 3 SUP	TB 534	N/A	VT-3/4	See Item #52 Under Section III
FA(1)	F1.1-7	N/A	CCSW Line 3-1510-16	M-1200D-292	CL 3 SUP	TOR CWE	N/A	VT-3/4	See Item #53 Under Section III
FA(1)	F1.1-7	N/A	CCSW Line 3-1510-16	M-1200D-293	CL 3 SUP	TOR CWE	N/A	VT-3/4	See Item #54 Under Section III
FA(1)	F1.1-7	N/A	CCSW Line 3-1510-16	M-1200D-95	CL 3 SUP	TOR CWE	N/A	VT-3/4	See Item #55 Under Section III
FA	F1.1-7	N/A	CCSW Line 3-1514-16	M-1200D-102	CL 3 SUP	TB 534	N/A	VT-3/4	NRI
FA(1)	F1.1-7	N/A	CCSW Line 3-1514-16	M-1200D-252	CL 3 SUP	TB 534	N/A	VT-3/4	See Item #56 Under Section III
FA(1)	F1.1-7	N/A	CCSW Line 3-1514-16	M-1200D-255	CL 3 SUP	TB 549	N/A	VT-3/4	See Item #57 Under Section III
FA(1)	F1.1-7	N/A	CCSW Line 3-1514-16	M-1200D-256	CL 3 SUP	TB 549	N/A	VT-3/4	See Item #58 Under Section III
FA	F1.1-7	N/A	CCSW Line 3-1514-16	M-1200D-303	CL 3 SUP	TB 534	N/A	VT-3/4	See Item #59 Under Section III
FA(1)	F1.1-7	N/A	CCSW Line 3-1514-16	M-1200D-306	CL 3 SUP	TB 534	N/A	VT-3/4	See Item #60 Under Section III
FA(1)	F1.1-7	N/A	CCSW Line 3-1514C-10	M-1200D-251	CL 3 SUP	TB 495	N/A	VT-3/4	See Item #61 Under Section III
FA(1)	F1.1-7	N/A	CCSW Line 3-1515A-12	M-1200D-55	CL 3 SUP	RB CRE	N/A	VT-3/4	See Item #62 Under Section III
FA	F1.1-7	N/A	SRVDE Line 3-3019E-8	M-564J SHT 13	CL 3 SUP	DRY BASE	N/A	VT-3/4	NRI

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
FA	F1.1-7	N/A	SRVDE Line 3-3019E-8	M-564J SHT 14	CL 3 SUP	DRY BASE	N/A	VT-3/4	See Item #63 Under Section III
FA	F1.1-7	N/A	SRVDE Line 3-3019E-8	M-564J SHT 15	CL 3 SUP	DRY BASE	N/A	VT-3/4	See Item #64 Under Section III
FA	F1.1-7	N/A	SRVDE Line 3-3019E-8	M-564J SHT 16	CL 3 SUP	DRY 1ST	N/A	VT-3/4	See Item #65 Under Section III
N/A	N/A	(0619)	FEEDWATER NOZZLE Line 3-3204C-12	N4A	BORE	DRY 3rd	CS	UT	NRI
N/A	N/A	(0619)	FEEDWATER NOZZLE Line 3-3204D-12	N4B	BORE	DRY 3RD	CS	UT	NRI
N/A	N/A	(0619)	FEEDWATER NOZZLE Line 3-3204E-12	N4D	BORE	DRY 3RD	CS	UT	NRI
N/A	N/A	(0619)	FEEDWATER NOZZLE Line 3-3204F-12	N4C	BORE	DRY 3RD	CS	UT	NRI
N/A	N/A	(0619)	FWA Line 3204E-12	12-1	P-SE	DRY 3RD	CS	UT	360° Intermittent ID Geometry
N/A	N/A	(0619)	FWB Line 3204D-12	12-K4	P-SE	DRY 3RD	CS	UT	360° Intermittent ID and OD Geometry
N/A	N/A	(0619)	FWA Line 3204F-12	12-6	P-SE	DRY 3RD	CS	UT	NRI
N/A	N/A	(0619)	FWB Line 3204C-12	12-1	P-SE	DRY 3RD	CS	UT	360° Intermittent ID Geometry
N/A	N/A	(0619)	FWB Line 3204C-12	N4A-3	SE-NOZ	DRY 3RD	CS	UT	360° Intermittent ID Geometry
N/A	N/A	(0619)	FWB Line 3204D-12	N4B-3	SE-NOZ	DRY 3RD	CS	UT	360° Intermittent ID Geometry
N/A	N/A	(D)	HPCISS Line 2305-14	14-1	SE-REDE	DRY 4TH	SS/CS	UT	NRI
N/A	N/A	(D)	HPCISS Line 2305-14	N5A-3	NOZ-SE	DRY 4TH	CS/SS	UT	NRI
N/A	N/A	(C)	ISCOSS Line 1302-14	14-1	VLV-P	RB ICP3	SS	UT	Counterbore Geometry
N/A	N/A	(C)	ISCOSS Line 1302-14	14-3	P-EL	DRY 4TH	SS	UT	NRI
N/A	N/A	(C)	ISCOSS Line 1302-14	14-3	EL-P	RB ICP3	SS	UT	OD Geometry
N/A	N/A	(C)	ISCOSS Line 1302-14	14-4	EL-VLV	DRY 4TH	SS	UT	Counter Bore Geometry
N/A	N/A	(C)	ISCOSS Line 1302-14	14-5	VLV-EL	DRY 4TH	SS	UT	NRI

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
N/A	N/A	(C)	ISCOSS Line 1302-14	14-5	EL-P	RB ICP3	SS	UT	NRI
N/A	N/A	(C)	ISCOSS Line 1302-14	14-5.1	P-P	RB ICP3	SS	UT	360° OD Geometry
N/A	N/A	(C)	ISCOSS Line 1302-14	14-7	P-EL	DRY 4TH	SS	UT	360° ID Geometry
N/A	N/A	(C)	ISCOSS Line 1302-14	14-8	EL-P	DRY 4TH	SS	UT	NRI
N/A	N/A	(C)	ISCOSS Line 1302-14	14-K1A	P-EL	DRY 4TH	SS	UT	NRI
N/A	N/A	(C)	ISCOSS Line 1302-14	14-K2	EL-P	DRY 4TH	SS	UT	NRI
N/A	N/A	(D)	ISCOSS Line 1302A-12	12-7	SE-NOZ	RB 589S	SS/CS	UT	360° Intermittent ID Geometry
N/A	N/A	(D)	ISCOSS Line 1302B-12	12-1.2	P-P	RB 589S	SS	UT	360° Intermittent ID Geometry
N/A	N/A	(D)	ISCOSS Line 1302B-12	12-8	SE-NOZ	RB 589S	SS/CS	UT	360° Intermittent ID Geometry
N/A	N/A	(D)	RHV Line 0215-4	N8-3	NOZ-SE	DRY HEAD	CS/SS	UT	NRI
N/A	N/A	(D)	RHV Line 0215-4	4-1	FLG-P	DRY HEAD	SS/CS	UT	NRI
N/A	N/A	(D)	RHV Line 0215-4	4A-1(A)	SE-FLG	DRY HEAD	SS	UT	NRI
N/A	N/A	N/A	CSBD Line 1406-8	M-3409-11	CL 2 SNB	TOR CWW	N/A	FT	Pass
N/A	N/A	N/A	CRDSD Line 0404A-1	M-1188D-1181	CL 2 SNB	RB 517	N/A	FT	Pass
N/A	N/A	N/A	CRDSD Line 0404A-1	M-1188D-1184	CL 2 SNB	RB 517	N/A	FT	Pass
N/A	N/A	N/A	HPCI Line 2305-10	M-1143 SHT 16	CL 1 SNB	DRY 2ND	N/A	FT	Pass
N/A	N/A	N/A	HPCI Line 2305-10	M-1143 SHT 22	CL 1 SNB	DRY 3RD	N/A	FT	Pass
N/A	N/A	N/A	ISCOCR Line 1303-12	M-1199D-77	CL 2 SNB	RB ICP2	N/A	FT	Pass
N/A	N/A	N/A	LPCI Line 1501-24	M-3402-5	N/CL SNB	TOR BASE	N/A	FT	Pass
N/A	N/A	N/A	LPCI Line 1501-24	M-3402-24	N/CL SNB	TOR BASE	N/A	VT-3/4	See Item #102 Under Section III
N/A	N/A	N/A	LPCI Line 1501-24	M-3402-26	N/CL SNB	TOR BASE	N/A	FT	Pass
N/A	N/A	N/A	MSA Line 3001A-20	M-564J SHT 1	CL 1 SNB	DRY 2ND	N/A	FT	Pass
N/A	N/A	N/A	MSA Line 3001A-20	M-564J SHT 3	CL 1 SNB	DRY 1ST	N/A	FT	Pass

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld #/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
N/A	N/A	N/A	MSB Line 3001B-20	M-564K SHT 1	CL 1 SNB	DRY 2ND	N/A	FT	Pass
N/A	N/A	N/A	MSB Line 3001B-20	M-564K SHT 2	CL 1 SNB	DRY 2ND	N/A	FT	Pass
N/A	N/A	N/A	MSB Line 3001B-20	M-564K SHT 3	CL 1 SNB	DRY 1ST	N/A	FT	See Item #103 Under Section III
N/A	N/A	N/A	MSC Line 3001C-20	M-564L SHT 3	CL 1 SNB	DRY 1ST	N/A	FT	Pass
N/A	N/A	N/A	RWCU Line 1201-8	M-1195D-1004	CL 1 SNB	DRY 2ND	N/A	FT	Pass
N/A	N/A	N/A	SRVDA Line 3019A-8	M-1143 SHT 23	CL 3 SNB	DRY 2ND	N/A	FT	Pass
N/A	N/A	N/A	SRVDA Line 3019A-8	M-564J SHT 6	CL 3 SNB	DRY 1ST	N/A	FT	Pass
N/A	N/A	N/A	SRVDA Line 3019A-8	M-564J SHT 7	CL 3 SNB	DRY 1ST	N/A	FT	Pass
N/A	N/A	N/A	SRVDC Line 3019C-8	M-564L SHT 6	CL 3 SNB	DRY 1ST	N/A	FT VT-3/4	Pass FT See Item #104 Under Section III
N/A	N/A	N/A	SRVDC Line 3019C-8	M-564L SHT 7	CL 3 SNB	DRY 1ST	N/A	FT	Pass
N/A	N/A	N/A	SRVDD Line 3019D-8	M-564M SHT 7	CL 3 SNB	DRY 1ST	N/A	FT	Pass
N/A	N/A	N/A	SRVDD Line 3019D-8	M-564M SHT 8	CL 3 SNB	DRY 1ST	N/A	FT	Pass

NOTES:
(1) Inspection performed in accordance with IWF-2420 (b).
(2) 100% of the snubbers are visually inspected (VT-3/4) every refuel outage. Only those snubbers exhibiting recordable indications are listed.

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

Support Expansions

Table B

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld#/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
FA	F1.1-7	N/A	CSAD Line 3-1404-12	M-3408-02	CL 2 SUP	TOR CWE	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	CSAD Line 3-1404-12	M-3408-04	CL 2 SUP	TOR CWE	N/A	VT-3/4	See Item #66 Under Section III
FA	F1.1-7	N/A	CSAD Line 3-1404-12	M-3408-05	CL 2 SUP	TOR CWE	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	CSAD Line 3-1404-12	M-3408-23	CL 2 SUP	TOR CWE	N/A	VT-3/4	See Item #67 Under Section III
FA	F1.1-7	N/A	HPCISS Line 3-2305-10	M-1187D-51	CL 2 SUP	TOR CWE	N/A	VT-3/4	See Item #68 Under Section III
FA	F1.1-7	N/A	HPCISS Line 3-2305-10	M-1187D-52	CL 2 SUP	TOR CWE	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCIAD Line 3-1509-16	M-3413-02	CL 2 SUP	TOR CWE	N/A	VT-3/4	See Item #69 Under Section III
FA	F1.1-7	N/A	LPCIAD Line 3-1509-16	M-3413-03	CL 2 SUP	TOR CWE	N/A	VT-3/4	See Item #70 Under Section III
FA	F1.1-7	N/A	LPCIAD Line 3-1509-16	M-3413-04	CL 2 SUP	TOR CWE	N/A	VT-3/4	See Item #71 Under Section III
FA	F1.1-7	N/A	LPCIAD Line 3-1509-16	M-3413-05	CL 2 SUP	TOR CWE	N/A	VT-3/4	See Item #72 Under Section III
FA	F1.1-7	N/A	LPCIAD Line 3-1509-16	M-3413-29	CL 2 SUP	RB 517	N/A	VT-3/4	See Item #73 Under Section III
FA	F1.1-7	N/A	LPCIAD Line 3-1509-16	M-3413-31	CL 2 SUP	RB 517	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCIAD Line 3-1519-18	M-3413-09	CL 2 SUP	TOR CWE	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCIAD Line 3-1530-18	M-3413-20	CL 2 SUP	RB CRE	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	LPCIAD Line 3-1531-18	M-3413-12	CL 2 SUP	RB CRE	N/A	VT-3/4	See Item #74 Under Section III
FA	F1.1-7	N/A	LPCIAD Line 3-1531-18	M-3413-34	CL 2 SUP	RB CRE	N/A	VT-3/4	See Item #75 Under Section III
FA	F1.1-7	N/A	LPCIBD Line 3-1504-16	M-3414-05	CL 2 SUP	TOR CWW	N/A	VT-3/4	See Item #76 Under Section III
FA	F1.1-7	N/A	LPCIBD Line 3-1504-18	M-3414-03	CL 2 SUP	TOR CWW	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	SRVDB Line 3-3019B-8	M-564K SHT 17	CL 3 SUP	DRY 1ST	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	SRVDB Line 3-3019B-8	M-564K SHT 18	CL 3 SUP	DRY BASE	N/A	VT-3/4	NRI
FA	F1.1-7	N/A	SRVDB Line 3-3019B-8	M-564K SHT 19	CL 3 SUP	DRY BASE	N/A	VT-3/4	NRI

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

BASELINE EXAMINATIONS

Table C

ASME Category	ASME Item	Augmented Exam	Piping Line/Component	Weld#/ Component#	Weld/Comp Type	Location	Mat'l	Method	Results
BG2	B7.50 B7.70	N/A	Various Class 1 Systems	Various Class 1 Components	BLT	Various	N/A	VT-1	NRI(1)

NOTES:
(1) Any Class 1 bolting replacements associated with valve work, flanged connections or supports received a baseline VT-1 examination. These baseline examinations are not detailed in this report.

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

Summary of Vessel Interior Examinations

Table D

Part 1 - In Vessel Visual Examination
Part 2 - Shroud Visual Examination
Part 3 - Shroud Ultrasonic Examination

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

Summary of Vessel Interior Examinations
Categories BN1 and BN2

March, 1994 Inservice Inspection
Unit No. 3; National Board No. N-139
Commercial Service Date: 11-16-71

Table D

Part 1 - In Vessel Visual Examination

COMPONENT	PROBLEM IDENTIFIED	RESOLUTION STATUS
Core Spray downcomer weld #16 at 120° azimuth	Crack ≈ 4" in length identified in the lower HAZ of the upper elbow weld, just upstream of the connection through the shroud.	Weld was repaired using a mechanical clamping device under Exempt Change (P12-3-94-250).
Core Spray downcomer weld #16 at 290° azimuth	Crack ≈ 6" in length identified in the lower HAZ of the upper elbow weld, just upstream of the connection through the shroud.	Weld was repaired using a mechanical clamping device under Exempt Change (P12-3-94-250).
Top guide bolts 5, 26, and 27	Crack identified in the bolt head at the HAZ of the fillet weld locking the bolt head to the top guide ring.	Evaluation by G.E. (DRF#B11-1538-4 INDEX 36), dated 5-31-94 shows this condition to be acceptable as is. The bolts are still capable of carrying the loads and remain locked in place.
IRM Dry Tube #12 (location 24-37)	Crack ≈ 180° of circumference identified in the guide tube in the upper HAZ of the weld joining the primary pressure boundary to the spring tube.	The Dry Tube was replaced.
Jet Pump 3 & 4 upper riser brace	Upper and lower leafs are cracked through wall and separated in the leaf material near the shop weld buildup region at the yoke end on the jet pump 3 side. Upper leaf is cracked ≈ 50% in the leaf material near the shop weld buildup region at the yoke end on the jet pump 4 side.	Evaluation by G.E. (GENE-523-A75-0594), dated May 1994, shows all riser brace cracking to be acceptable as is for at least one fuel cycle. This is based upon: (1) the redundant riser brace design installed on unit 3, (2) an evaluation that demonstrates cracking at the vessel to leaf weld, which could result in loose parts, to be extremely unlikely, and (3) a loose parts analysis that demonstrates that even in the unlikely event that a riser brace leaf became a loose part, it would have no impact on safety.
Jet Pump 15 &16 upper riser brace	Upper leaf is cracked through wall in the leaf material near the shop weld buildup region at the yoke end on the jet pump 16 side.	Evaluation by G.E. (GENE-523-A75-0594), dated May 1994, shows all riser brace cracking to be acceptable as is for at least one fuel cycle. This is based upon: (1) the redundant riser brace design installed on unit 3, (2) an evaluation that demonstrates cracking at the vessel to leaf weld, which could result in loose parts, to be extremely unlikely, and (3) a loose parts analysis that demonstrates that even in the unlikely event that a riser brace leaf became a loose part, it would have no impact on safety.
Jet Pump 19 &20 upper riser brace	Upper leafs are cracked through wall in the leaf material near the shop weld buildup region at the yoke end on both the jet pump 19 and 20 sides.	
Jet Pump 18 and Jet Pump 20	Restrainer wedge assembly handles appear bent and possibly unloaded.	Evaluation by G.E. (DRF#B13-01723), dated 6-3-94 shows this condition to be acceptable as is since wedge has full contact.
Jet Pump 3	Outside and inside lock plate flat head screw tack welds on vessel side are cracked. Outside lock plate flat head screw on shroud side cracked.	Accept as-is. The configuration of the crack face against the cap screw head will prevent rotation of the screw.
Jet Pump 7	Outside lock plate flat head screw tack weld on vessel side is cracked.	Accept as-is. The configuration of the crack face against the cap screw head will prevent rotation of the screw.

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

Summary of Vessel Interior Examinations
Categories BN1 and BN2

March, 1994 Inservice Inspection
Unit No. 3; National Board No. N-139
Commercial Service Date: 11-16-71

Table D

Part 1 - In Vessel Visual Examination

COMPONENT	PROBLEM IDENTIFIED	RESOLUTION STATUS
Jet Pump 8	Outside lock plate flat head screw tack weld on shroud side is cracked.	Accept as-is. The configuration of the crack face against the cap screw head will prevent rotation of the screw.

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

Summary of Vessel Interior Examinations
Categories BN1 and BN2

March, 1994 Inservice Inspection
Unit No. 3; National Board No. N-139
Commercial Service Date: 11-16-71

Table D

Part 2 - Shroud Visual Examination

WELD #	SURFACE	AREA EXAMINED	INSPECTION RESULTS	QUALIFICATION STATUS
H1	O.D.	44° - 54° (19")	LINEAR CIRC INDICATION ~ 2" IDENTIFIED IN UPPER HAZ at 52°.	QUALIFIED VISUALLY
		136° - 144° (15")	NO INDICATIONS IDENTIFIED	
		226° - 234° (15")	NO INDICATIONS IDENTIFIED	
		316° - 330° (27")	LINEAR CIRC INDICATION ~ 2" IDENTIFIED IN UPPER HAZ BEHIND JET PUMP 20 (315°), OUTSIDE INSPECTION ZONE.	
H2	O.D.	38° - 54° (31") (38° - 42° LOWER HAZ ONLY)	NO INDICATIONS IDENTIFIED	QUALIFIED VISUALLY
		136° - 144° (15")	NO INDICATIONS IDENTIFIED	
		226° - 234° (15")	NO INDICATIONS IDENTIFIED	
		316° - 323° (14")	LINEAR CIRC INDICATION < 1" IN LOWER HAZ AT 320°	
H3	O.D.	0° - 20° (36")	NO INDICATIONS IDENTIFIED	QUALIFIED VISUALLY
		90° - 106° (29")	NO INDICATIONS IDENTIFIED	
		180° - 196° (29")	NO INDICATIONS IDENTIFIED	
		265° - 284° (34")	NO INDICATIONS IDENTIFIED	
H3	I.D.	0° - 31° (60")	NO INDICATIONS IDENTIFIED	QUALIFIED VISUALLY
		40° - 68° (50")	NO INDICATIONS IDENTIFIED	
		90° - 112° (40")	LINEAR CIRC INDICATION ~12" LONG IN LOWER HAZ FROM 105° TO 112°	
		121° - 170° (88")	LINEAR VERTICAL INDICATION IN UPPER HAZ ~ 1" AT 140° LINEAR CIRC INDICATION ~77" LONG IN LOWER HAZ FROM 121° TO 164°	QUALIFIED VISUALLY
		173° - 180° (13")	LINEAR CIRC INDICATION ~13" LONG IN UPPER HAZ FROM 173° TO 180°	
		180° - 200° (36")	LINEAR CIRC INDICATION ~4" LONG IN LOWER HAZ FROM 190° TO 192°	

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

Summary of Vessel Interior Examinations
Categories BN1 and BN2

March, 1994 Inservice Inspection
Unit No. 3; National Board No. N-139
Commercial Service Date: 11-16-71

Table D

Part 2 - Shroud Visual Examination

WELD #	SURFACE	AREA EXAMINED	INSPECTION RESULTS	QUALIFICATION STATUS
		200° - 215° (27") (LOWER HAZ ONLY)	NO INDICATIONS IDENTIFIED	
		218° - 245° (49") (LOWER HAZ ONLY)	2 LINEAR CIRC INDICATIONS ~4" LONG IN LOWER HAZ FROM 218° TO 220° AND 225° TO 227°	
		270° - 295° (45") (LOWER HAZ ONLY)	LINEAR CIRC INDICATION ~18" LONG IN LOWER HAZ FROM 278° TO 288°	
		313° - 323° (18") (UPPER HAZ ONLY)	LINEAR CIRC INDICATIONS ~18" LONG IN UPPER HAZ FROM 313° TO 323°	
		324° - 331° (13")	LINEAR CIRC INDICATIONS ~13" LONG TOTAL IN UPPER HAZ FROM 325° TO 331° LINEAR CIRC INDICATION ~8" LONG IN LOWER HAZ FROM 327° TO 331°	
		332° - 341° (16")	LINEAR CIRC INDICATION ~6" LONG IN LOWER HAZ FROM 338° TO 341°	
H4	O.D.	43° - 57° (25")	NO INDICATIONS IDENTIFIED	QUALIFIED VISUALLY
		135° - 151° (29")	NO INDICATIONS IDENTIFIED	
		220° - 234° (25")	LINEAR CIRC INDICATION < 1" IN LOWER HAZ AT 227°	
		315° - 325° (18")	LINEAR CIRC INDICATION < 1" IN UPPER HAZ AT 318°	
H4	I.D.	10° - 25° (27")	NO INDICATIONS IDENTIFIED	QUALIFIED VISUALLY
		44° - 55° (20")	NO INDICATIONS IDENTIFIED	
		96° - 115° (34")	2 LINEAR VERTICAL INDICATIONS < 1" IN LOWER HAZ AT 114°	
		134° - 152° (32")	LINEAR CIRC INDICATION < 1" IN LOWER HAZ AT 146°	
		188° - 205° (30")	NO INDICATIONS IDENTIFIED	
		226° - 238° (22")	LINEAR CIRC INDICATION < 1" IN UPPER HAZ AT 230°	
		275° - 295° (36")	NO INDICATIONS IDENTIFIED	
		316° - 329° (23")	4 LINEAR VERTICAL INDICATIONS < 1" IN UPPER HAZ AT 320°	

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

Summary of Vessel Interior Examinations
Categories BN1 and BN2

March, 1994 Inservice Inspection
Unit No. 3; National Board No. N-139
Commercial Service Date: 11-16-71

Table D

Part 2 - Shroud Visual Examination

WELD #	SURFACE	AREA EXAMINED	INSPECTION RESULTS	QUALIFICATION STATUS
H5	O.D.	100% OF ACCESSIBLE AREA, WHICH CONSISTS OF ~ 40% OF THE WELD CIRCUMFERENCE.	LINEAR CIRC INDICATION IN LOWER HAZ FOR 100% OF THE AREA EXAMINED (ASSUMED TO BE ESSENTIALLY 360°). VERIFIED TO BE A CRACK USING INFORMATIONAL UT.	FAILS VISUAL SCREENING CRITERIA. AUTOMATED UT SIZING ALONG WITH FLAW EVALUATION FOUND WELD ACCEPTABLE FOR 24 MONTH OPERATING CYCLE WITHOUT REPAIR
H6	O.D.	46° - 54° (14")	LINEAR VERTICAL INDICATION < 1" IN UPPER HAZ AT 47°	QUALIFIED VISUALLY
		76° - 84° (14")	NO INDICATIONS IDENTIFIED	
		143° - 151° (14")	NO INDICATIONS IDENTIFIED	
		166° - 174° (14")	NO INDICATIONS IDENTIFIED	
		224° - 235° (20")	NO INDICATIONS IDENTIFIED	
		256° - 264° (14")	NO INDICATIONS IDENTIFIED	
		316° - 324° (14")	NO INDICATIONS IDENTIFIED	
		346° - 354° (14")	NO INDICATIONS IDENTIFIED	
H7	O.D.	15° - 115° (17")	LINEAR CIRC INDICATION < 1" IN UPPER HAZ AT 20°	QUALIFIED VISUALLY
		105° - 115° (17")	NO INDICATIONS IDENTIFIED	
		135° - 147° (21")	NO INDICATIONS IDENTIFIED	
		196° - 204° (14")	NO INDICATIONS IDENTIFIED	
		286° - 292° (10")	NO INDICATIONS IDENTIFIED	
		325° - 335° (17")	NO INDICATIONS IDENTIFIED	

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

Summary of Vessel Interior Examinations
Categories BN1 and BN2

March, 1994 Inservice Inspection
Unit No. 3; National Board No. N-139
Commercial Service Date: 11-16-71

Table D

Part 3 - Shroud Ultrasonic Examination

WELD #	AREA SCANNED	FLAW LENGTH	FLAW DEPTH	REMAINING LIGAMENT	WELD SIDE	EXAMINATION SUMMARY
H2	16° - 74.5° (112")	8 FLAWS - 15.6" TOTAL 4 FLAWS - 24.8" TOTAL	.75" .56"	2.25" 1.44"	LOWER UPPER	EXAMINATION COVERED ALL ACCESSIBLE AREAS, OR ≈ 534" (77%) OF THE TOTAL 691" WELD LENGTH. THE SUM OF THE LOWER HAZ INDICATIONS RECORDED EXTEND FOR A TOTAL LENGTH OF 114.5". THE SUM OF THE UPPER HAZ INDICATIONS RECORDED EXTEND FOR A TOTAL LENGTH OF 63.5".
	76° - 102° (50")	6 FLAWS - 3.4" TOTAL 2 FLAWS - 8" TOTAL	.46" .37"	2.54" 1.63"	LOWER UPPER	
	106° - 151° (86.5")	4 FLAWS - 21.7" TOTAL 3 FLAWS - 9" TOTAL	.71" .39"	2.29" 1.61"	LOWER UPPER	
	188° - 191° (6")	1 FLAW - 5.1"	.61"	2.39"	LOWER	
	218.5° - 253.5° (67")	6 FLAWS - 18.6" TOTAL 5 FLAWS - 10" TOTAL	.70" .71"	2.30" 1.39"	LOWER UPPER	
	256° - 280° (46")	1 FLAW - 1.5" 1 FLAW -1. 8"	.38" .20"	2.62" 1.80"	LOWER UPPER	
	286° - 12.5° (166")	19 FLAWS - 48.8" TOTAL 4 FLAWS -9.9" TOTAL	.61" .32"	2.39" 1.68"	LOWER UPPER	
H5	31° - 52.5° (39")	NO RECORDABLE INDICATIONS				EXAMINATION COVERED ALL ACCESSIBLE AREAS, OR ≈ 271" (41.5%) OF THE TOTAL 651" WELD LENGTH. THE SUM OF THE INDICATIONS RECORDED EXTEND FOR A TOTAL LENGTH OF 127.5".
	113.5° - 170.5° (103")	129° - 144° (27")	.45"	2.55"	LOWER	
		150° - 158° (14")	.30"	2.70"	LOWER	
	214.5° - 237.5° (42")	225° - 237.5° (23")	.47"	2.53"	LOWER	
	297.5 - 345.5° (87")	310.5° - 345° (63.5")	.84"	2.16"	LOWER	
H6	147° - 153° (10.5")	NO RECORDABLE INDICATIONS				EXAMINATION COVERED 4 ACCESSIBLE AREAS AT THE ACCESS HOLE COVERS, OR ≈ 42" OF THE 650" WELD LENGTH. NO RECORDABLE INDICATIONS WERE IDENTIFIED.
	169.5° - 175.5° (10.5")	NO RECORDABLE INDICATIONS				
	327° - 333° (10.5")	NO RECORDABLE INDICATIONS				
	349.5° - 355.5° (10.5")	NO RECORDABLE INDICATIONS				
H7	147° - 153° (10.5")	NO RECORDABLE INDICATIONS				EXAMINATION COVERED 4 ACCESSIBLE AREAS AT THE ACCESS HOLE COVERS, OR ≈ 42" OF THE 650" WELD LENGTH. THE SUM OF THE INDICATIONS RECORDED EXTEND FOR A TOTAL LENGTH OF 7.9"
	169.5° - 175.5° (10.5")	NO RECORDABLE INDICATIONS				
	327° - 333° (10.5")	NO RECORDABLE INDICATIONS				

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

Summary of Vessel Interior Examinations
Categories BN1 and BN2

March, 1994 Inservice Inspection
Unit No. 3; National Board No. N-139
Commercial Service Date: 11-16-71

Table D

Part 3 - Shroud Ultrasonic Examination

WELD #	AREA SCANNED	FLAW LENGTH	FLAW DEPTH	REMAINING LIGAMENT	WELD SIDE	EXAMINATION SUMMARY
	349.5° - 355.5° (10.5")	2 FLAWS - 7.9" TOTAL	.42"	1.83"	LOWER	

III. SUMMARY OF RESULTS, EVALUATIONS AND CORRECTIVE ACTIONS

III. SUMMARY OF RESULTS, EVALUATIONS AND CORRECTIVE ACTIONS

The findings of the examinations and the corrective actions taken, demonstrate that all components examined are functional and in compliance with the Dresden Unit 3 Technical Specifications and Section XI of the ASME Boiler and Pressure Vessel Code, 1989 Edition.

The following is a summary of corrective actions taken as a result of examination findings:

1) A visual examination of LPCIBD support M-1200D-1004 revealed foreign material inside the spring can and a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-112 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The foreign material was removed from the spring cans per SEC recommendations under NWR D25892. The discrepancies were not service induced, therefore, no expansion was required.

2) A visual examination of MSDN support M-1212D-2 revealed a loose locknut, a bent threaded rod and a depiction of the cold load setting on the drawing was discrepant. DR 12-94-049 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. No corrective action was required per SEC review. This support was removed from the system under ECN 12-00766M. All supports on this line were part of the original examination scope.

3) A visual examination of RHS support M-1203D-255 revealed no locknuts were installed on top of the rod hanger, loose locknuts that could not be tightened without misaligning the spring cans due to support configuration, and various discrepancies between the as-built configuration of the support and the drawing. DR 12-94-047 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The loose locknuts were corrected under NWR D25903. The discrepancies were not service induced, therefore, no expansion was required.

4) A visual examination of RHV support M-1214D-1 revealed the spring can to be outside of its cold load range and a depiction of the cold load on the drawing was discrepant. DR 12-94-048 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. The drawing discrepancy was corrected per SEC recommendations. The spring can was reset per SEC recommendations under NWR D25900. All RHV supports were part of the original examination scope.

5) A visual examination of RHV support M-1214D-3 revealed a discrepancy between the as-built configuration of the support and drawing. DR 12-94-045 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

6) A visual examination of RRBD support M-1193D-1011 revealed a loose nut on the pipe clamp load bolt. The discrepancy was corrected under NWR D25676. No expansion was required based upon Code Interpretation XI-1-86-30.

7) A visual examination of RRBD support M-1193D-1004 revealed the sway braces were not set as required by the design drawing and the drawing did not provide any cold load tolerance. DR 12-94-111 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. The discrepancies were corrected per SEC recommendations under NWR D25897. SEC review found the as-found settings within an acceptable range, therefore, no expansion was required.

8) A visual examination of the following SBLC supports revealed a discrepancy between the as-built configuration of the support and the drawings:

M-1190D-1 M-1190D-2 M-1190D-3 M-1190D-4
M-1190D-6 M-1190D-7 M-1190D-8 M-1190D-9

DR 12-94-038 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

9) A visual examination of SBLC support M-1190D-5 revealed a loose locknut on the u-bolt and various discrepancies between the as-built configuration of the support and the drawing. DR 12-94-039 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The loose locknut was corrected per SEC recommendations under NWR D25651. No expansion was required based upon Code Interpretation XI-1-86-30.

10) A visual examination of SBLC support M-1190D-268 revealed various discrepancies between the as-built configuration of the support and the drawing. DR 12-94-083 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

11) A visual examination of SBLC support M-1190D-269 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-083 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

12) A visual examination of SBLC support M-1190D-270 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-080 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

13) A visual examination of SBLC support M-1190D-271 revealed a discrepancy between the as-built configuration of the support and the drawing, and a u-bolt nut was loose. DR 12-94-080 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC found the as-built configuration acceptable as-is. The loose u-bolt nut was corrected per SEC recommendations under NWR D25659. No expansion was required based upon Code Interpretation XI-1-86-30.

14) A visual examination of SBLC support M-1190D-272 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-083 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

15) A visual examination of SBLC support M-1190D-284 revealed the spring can to be outside of its cold load range, an incorrectly sized clamp with a missing spacer bolt was installed, a loose locknut, and a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-040 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration of the support acceptable as-is. The spring can was reset, clamp replaced, and locknut tightened per SEC recommendations under NWR D25654. Both adjacent supports were part of the original examination scope. There were two other supports of the same type, design, an function within the system, both part of the original examination scope.

16) A visual examination of SBLC support M-1190D-285 revealed various discrepancies between the as-built configuration of the support and the drawing. DR 12-94-042 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

17) A visual examination of SBLC support M-1190D-286 revealed the spring can to be outside of its cold load range and a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-041 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration of the support acceptable as-is. The spring can was reset per SEC recommendations under NWR D25654. No further expansion required, see Item #15.

18) A visual examination of SBLC support M-1190D-57 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-081 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

19) A visual examination of SBLC support M-1190D-72 revealed various discrepancies between the as-built configuration of the support and the drawing. DR 12-94-082 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

20) A visual examination of CSAD support M-3408-03 revealed a dislodged swivel bushing on the pipe side paddle, lack of thread engagement on the beam attachment side of the strut, and indications of contact between the clamp and an adjacent line. DR 12-94-092 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC reviewed the line adjacent to the clamp for possible impact, and found the condition to be acceptable as-is. The dislodged swivel bushing and lack of thread engagement were corrected per SEC recommendations under NWR D25658. The adjacent supports along with two other supports of the same type, design, and function were expanded to. The supports included in the expansion sample were the following:

M-3408-02 M-3408-04 M-3408-05 M-3408-23

21) A visual examination of CSAD support M-3408-30 revealed the spring can to be outside of its cold load range, a bent threaded rod, and foreign material in the spring. DR 12-94-091 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review revealed that the spring can was previously set outside of the current cold load range, and the bent rod was due to a misalignment problem during installation and is acceptable as-is. The spring can was reset and the foreign material removed from the spring per SEC recommendations under NWR D25657. The discrepancies were not service induced, therefore, no expansion was required.

22) A visual examination of CSAS support M-3402-34 revealed a discrepancy between the as-built configuration of the support and the drawing, excessive gap behind the baseplate and around the u-bolt. DR 12-94-050 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The excessive gaps were corrected per SEC recommendations under NWR D25652. The discrepancies were not service induced, therefore, no expansion was required.

23) A visual examination of CSBD support M-3409-33 revealed a weldless eye nut that was not fully engaged. DR 12-94-037 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

24) A visual examination of CSBD support M-3409-15 revealed a discrepancy between the as-built configuration of the support and drawing. DR 12-94-052 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

25) A visual examination of CSBD support M-3409-19 revealed gaps between the support steel and pipe lugs were in excess of the tolerance on the support drawing. Configuration of the support would dictate that this was a construction error. DR 12-94-078 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. The discrepancies were corrected per SEC recommendations under NWR D25418. The discrepancies were not service induced, therefore, no expansion was required.

26) A visual examination of CSBD support M-3409-26 revealed a discrepancy between the as-built configuration of the support and drawing and spalled concrete at the edge of the embed plate. DR 12-94-076 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The spalled concrete was corrected per SEC recommendations under NWR D25656. The discrepancies were not service induced, therefore, no expansion was required.

27) A visual examination of CSBD support M-3409-27 revealed bent clamp ears, a loose nut on the load bolt and various discrepancies between the as-built configuration of the support and the drawing. DR 12-94-053 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The bent clamp ears, and loose nut were corrected per SEC recommendations under NWR D25419. The bent clamp ears were not the result of a service induced condition. The support type is a rod hanger with a weldless eye nut at the clamp, hanging from back to back channels cantilevered off of the wall. This configuration does not constrict the pipe from moving upward and no conditions exist that would indicate that the support is swinging far enough to bend the clamp ears. Neither the rod hanger or the weldless eye nut showed any signs of service induced damage. The discrepancies were not service induced, therefore, no expansion was required.

28) A visual examination of CSBD support M-3409-28 revealed a lock nut not installed on top of the rod hanger and the load bolt nut not fully engaged. DR 12-94-059 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration of the support acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

29) A visual examination of CSBD support M-3409-29 revealed a loose locknut, a clamp bolt not fully engaged, improper pipe clamp contact and a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-060 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The lock nut and pipe clamp were tightened per SEC recommendations under NWR D25417. No expansion required based on Code Interpretation XI-1-86-30.

30) A visual examination of CSBS support M-3404-06 revealed excessive gap behind one baseplate, excessive gap at the u-bolt, and various discrepancies between the as-built configuration of the support and the drawing. DR 12-94-088 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The gaps behind the baseplate and at the u-bolt were corrected per SEC recommendations under NWR D25415. The discrepancies were not service induced, therefore, no expansion was required.

31) A visual examination of HPCISS support M-1187D-53 revealed a dislodged swivel bushing on rear bracket paddle and presence of a spacer washer could not be verified. DR 12-94-087 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. The discrepancies were corrected per SEC recommendations under NWR D25244. Both adjacent supports were part of the original examination scope. Two other supports of the same type, design, and function were expanded to. The supports included in the expansion sample were the following:

M-1187D-51 M-1187D-52

32) A visual examination of HPCISS support M-1187D-54 revealed the spherical bearing was covered with paint. DR 12-94-084 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found this condition did not affect the support and is acceptable as-is. The discrepancy was not service induced, therefore, no expansion was required.

33) A visual examination of LPCIAD support M-3413-24 revealed the clamp and strut were misaligned causing the paddle to bind. DR 12-94-128 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. The discrepancies were corrected per SEC recommendations under NWR D25963. One adjacent support was part of the original examination scope. The remaining adjacent support along with one other support of the same type, design, and function were expanded to. The supports included in the expansion sample were the following:

M-3413-20 M-3413-29

34) A visual examination of LPCIAD support M-3408-20 revealed a loose locknut and various discrepancies between the as-built configuration of the support and the drawing. DR 12-94-093 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. The discrepancies were corrected per SEC recommendations under NWR D25890. No expansion required based on Code Interpretation XI-1-86-30.

35) A visual examination of LPCIAD support M-3408-21 revealed loose nuts on the load bolts and a weldless eye nut. The discrepancies were corrected under NWR D25246. No expansion required based on Code Interpretation XI-1-86-30.

36) A visual examination of LPCIBD support M-3414-13 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-071 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

37) A visual examination of LPCIBD support M-3414-04 revealed a loose locknut on the pipe side of the strut, the clamp was loose and the support was not carrying any load. DR 12-94-051 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. The discrepancies were corrected per SEC recommendations under NWR D25896. Due to the piping configuration, three supports are adjacent to this support. Two of these supports were part of the original examination scope, the remaining adjacent support along with the only remaining support of the same type, design, and function were inspected. The supports included in the expansion sample were the following:

M-3414-03 M-3414-05

38) A visual examination of LPCIBD support M-3414-17 revealed various discrepancies between the as-built configuration of the support and the drawing. DR 12-94-123 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

39) A visual examination of LPCIBD support M-3414-22 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-073 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

40) A visual examination of LPCIBD support M-3414-10 revealed excessive gap behind one baseplate. DR 12-94-086 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. The gap behind the baseplate was corrected per SEC recommendations under NWR D25242. The discrepancies were not service induced, therefore, no expansion was required.

41) A visual examination of LPCIBD support M-3414-20 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-079 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

42) A visual examination of LPCIBD support M-3414-19 revealed no locknuts on either side of the turnbuckle, pipe clamp load bolt and bottom bolt not fully engaged, and the clamp spacer to be loose. DR 12-94-061 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

43) A visual examination of LPCIBS support M-3404-09 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-072 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

44) A visual examination of LPCIHX support M-1200D-1019 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-070 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

45) A visual examination of LPCITR support M-3409-08 revealed one u-bolt nut was not tight, and various discrepancies between the as-built configuration of the support and the drawing. DR 12-94-043 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The u-bolt nut was tightened per SEC recommendations under NWR D25880. No expansion required based on Code Interpretation XI-1-86-30.

46) A visual examination of LPCITR support M-3408-15 revealed a spacer washer was not installed on one side of the rear bracket. DR 12-94-074 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

47) A visual examination of LPCITR support M-3408-26 revealed foreign material between the clamp and the pipe causing incomplete clamp contact. DR 12-94-069 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. The discrepancies were corrected per SEC recommendations under NWR D25895. The discrepancies were not service induced, therefore, no expansion was required.

48) A visual examination of LPCIX support M-3413-17 revealed the clamp to be out of alignment and not making adequate contact with the pipe. DR 12-94-089 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. The discrepancies were corrected per SEC recommendations under NWR D25677. The discrepancies were not service induced, therefore, no expansion was required.

49) A visual examination of CCSW support M-1200D-105 revealed a spacer washer was not installed on one side of the rear bracket. DR 12-94-099 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

50) A visual examination of CCSW support M-1200D-285 revealed various discrepancies between the as-built configuration of the support and the drawing. DR 12-94-097 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

51) A visual examination of CCSW support M-1200D-288 revealed a loose locknut on one side of the turnbuckle and a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-100 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The locknut was tightened per SEC recommendations under NWR D25119. No expansion required based on Code Interpretation XI-1-86-30.

52) A visual examination of CCSW support M-1200D-289 revealed the support was not properly loaded and a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-096 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. Examination of the bolted connections on the rod hanger revealed no indications of "backing off". The support was reloaded per SEC recommendations under NWR D25245. The discrepancies were not service induced, therefore, no expansion was required.

53) A visual examination of CCSW support M-1200D-292 revealed two loose locknuts on the rod hanger and a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-068 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The locknuts were tightened per SEC recommendations under NWR D25891. No expansion required based on Code Interpretation XI-1-86-30.

54) A visual examination of CCSW support M-1200D-293 revealed the pipe clamp to have insufficient contact, clamp spacer is loose, bottom clamp bolt is lacking full thread engagement, the rod hanger is slightly bent and a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-085 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The bent rod was not the result of a service induced condition. The support type is a rod hanger with a weldless eye nut at the clamp, hanging from a welded beam attachment. This configuration does not constrict the pipe from moving upward. An upward movement large enough to bend the rod hanger would be significant. No indications of this type of movement exist. The clamp was tightened, which in turn tightened the clamp spacer and allowed the bottom clamp bolt to achieve full thread engagement under NWR D25674. The discrepancies were not service induced, therefore, no expansion was required.

55) A visual examination of CCSW support M-1200D-95 revealed a missing clamp spacer and a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-058 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

56) A visual examination of CCSW support M-1200D-252 revealed lock nuts are not installed on the upper load bolts and a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-095 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The lock nuts were installed per SEC recommendations under NWR D24740. The discrepancies were not service induced, therefore, no expansion was required.

57) A visual examination of CCSW support M-1200D-255 revealed various discrepancies between the as-built configuration of the support and the drawing. DR 12-94-101 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

58) A visual examination of CCSW support M-1200D-256 revealed a beam attachment with a bent ear, a lock nut that was never installed, and a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-094 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The bent beam attachment was not the result of a service induced condition. The support consists of two spring cans pinned to the beam attachment with rod hangers extending down to channels forming a trapeze. Due to the length of the rods, a sideways movement of the pipe would have to be significant, no indications of such movement exists. Uplift would not be a contributing factor due to the movement allowed by the spring. Additionaly, only one of the beam attachments exhibited this indication. A lock nut was installed and a MT performed on the bent beam attachment per SEC recommendations under NWR D24739. The MT was acceptable and the beam attachment was deemed acceptable. The discrepancies were not service induced, therefore, no expansion was required.

59) A visual examination of CCSW support M-1200D-303 revealed the u-bolt was slightly bent and a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-098 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The bent u-bolt was not the result of a service induced condition. No indications of piping movement exist, the bend is slight, and therefore was contributed to original construction. The discrepancies were not service induced, therefore, no expansion was required.

60) A visual examination of CCSW support M-1200D-306 revealed various discrepancies between the as-built configuration of the support and the drawing. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

61) A visual examination of CCSW support M-1200D-251 revealed a missing locknut on the clamp, the pipe clamp appeared to be skewed, and a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-103 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. NWR D24741 was initiated to install a lock nut and straighten the pipe clamp. Further inspection of the "skewed" pipe clamp revealed that the clamp was slightly deformed from original construction. SEC review found the pipe clamp and as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

62) A visual examination of CCSW support M-1200D-55 revealed the lack of a sight hole to verify thread engagement. DR 12-94-077 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. The discrepancy was corrected per SEC recommendations under NWR D25894. The discrepancies were not service induced, therefore, no expansion was required.

63) A visual examination of SRVDE support M-564J Sht. 14 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-117 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

64) A visual examination of SRVDE support M-564J Sht. 15 revealed bent support members and a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-116 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The support was repaired per SEC recommendations under NWR D26112. Both adjacent supports were part of the original examination scope. No other supports of the same type, design, and function exist on the 'E' loop. Two other supports of the same type, design, and function on the adjacent 'B' loop were expanded to. The supports included in the expansion sample were the following:

M-564K Sht. 18 M-564K Sht. 19

65) A visual examination of SRVDE support M-564J Sht. 16 revealed the spring can to be outside of its cold load tolerance, upper load bolt is loose, and the rod is slightly bent. DR 12-94-114 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. An additional visual examination of the bent rod revealed no flaws. SEC review found the as-built configuration acceptable as-is. The spring can was reset and load bolt tightened per SEC recommendations under NWR D26159. The only adjacent support was part of the original examination scope. No other supports of the same type, design, and function exist on the 'E' loop. One other support of the same design, type and function on the adjacent 'B' loop was expanded to. The support included in the expansion sample were the following:

M-564K Sht. 17

66) A visual examination of CSAD support M-3408-04 revealed the pipe clamp spacer to be loose. DR 12-94-064 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

67) A visual examination of CSAD support M-3408-23 revealed incorrect gaps around the box guide, a gap exists behind the baseplate, and various discrepancies between the as-built configuration of the support and the drawing. DR 12-94-065 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The support steel was shimmed to correct gaps on the box guide and the baseplate was shimmed per SEC recommendations under NWR D25653. The discrepancies were not service induced, therefore, no expansion was required.

68) A visual examination of HPCISS support M-1187D-51 revealed spacer washers were not installed on one side of the rear bracket. DR 12-94-075 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

69) A visual examination of LPCIAD support M-3413-02 revealed both load bolt nuts to be loose and various discrepancies between the as-built configuration of the support and the drawing. DR 12-94-133 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The load bolts were tightened per SEC recommendations under NWR D25968. No expansion was required based upon Code Interpretation XI-1-86-30.

70) A visual examination of LPCIAD support M-3413-03 revealed spacer washers were not installed on rear bracket side of the strut and a sight hole was not drilled on the pipe side of the strut. DR 12-94-130 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. A sight hole was drilled and thread engagement verified per SEC recommendations under NWR D25967. The discrepancies were not service induced, therefore, no expansion was required.

71) A visual examination of LPCIAD support M-3413-04 revealed a gap behind the baseplate, one anchor bolt nut is loose, and the swivel bushing is dislodged from the pipe side paddle. DR 12-94-127 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. The discrepancies were corrected per SEC recommendations under NWR D25965. Both adjacent supports and all remaining supports of the same design, type and function were expanded to. The supports included in the expansion sample were the following:

M-3413-02 M-3413-03 M-3413-05 M-3413-09 M-3413-12

72) A visual examination of LPCIAD support M-3413-05 revealed spacer washers were not installed on either side of the rear bracket side of the strut and the strut locknut was loose. DR 12-94-132 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The locknut was tightened under NWR D25969. No expansion was required based upon Code Interpretation XI-1-86-30.

73) A visual examination of LPCIAD support M-3413-29 revealed excessive gap behind the baseplate with spalling around one anchor bolt, linear indications on the kicker support welds, and the support was not properly loaded. DR 12-94-129 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. The discrepancies were corrected per SEC recommendations under NWR D25972. One adjacent support was previously inspected. The remaining adjacent support and all remaining supports of the same design, type and function were inspected. The supports included in the expansion sample were the following:

M-3413-04 M-3413-31 M-3413-34

74) A visual examination of LPCIAD support M-3413-12 revealed spacer washers were not installed on either side of the rear bracket side of the strut, and the pipe clamp has insufficient contact with the pipe. DR 12-94-131 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The pipe clamp was tightened per SEC recommendations under NWR D25964. The discrepancies were not service induced, therefore, no expansion was required.

75) A visual examination of LPCIAD support M-3413-34 revealed a loose lock nut above the weldless eye nut, a welding rod used in place of a cotter pin, and one anchor lacking full thread engagement. DR 12-94-126 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The lock nut was tightened and locking device replaced per SEC recommendations under NWR D25971. No expansion was required based upon Code Interpretation XI-1-86-30.

76) A visual examination of LPCIBD support M-3414-05 revealed a loose locknut. The locknut was tightened under NWR D25675. No expansion was required based upon Code Interpretation XI-1-86-30.

77) A visual examination of ISCOCR valve MO-3-1301-4 bolting revealed 11 of 12 bolts lacking full thread engagement. DR 12-94-110 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

78) A visual examination of SDC flange bolting 6-K46-FLG revealed the bolting to be loose. This bolting had been reinstalled after the Recirc Decon under NWR D23296. DR 12-94-121 written against NWR D23296 to evaluate the as-found condition. The discrepancy was corrected under NWR D23296. The discrepancies were not service induced, therefore, no expansion was required.

79) A visual examination of RHS flange bolting at valve 3-205-27 revealed sediment on the lower flange and two bolts. DR 12-94-113 was generated to evaluate the as-found condition. Under NWR the valve flange was disassembled and gasket replaced. Bolting was inspected and no recordable indications were present, however, bolting was replaced as preventative maintenance.

80) A visual examination of RRBD valve bolting MO-3-0202-5B revealed foreign material on two of the nuts. The bolting was cleaned, and reinspected. No recordable indications were found.

81) A visual examination of ISCOSS support M-1199D-1 revealed spacer washers were not installed on the pipe side paddle, the strut paddle making contact with the pipe attachments, and no sight holes exist on either side of the strut. DR 12-94-044 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is, paddle contact with the pipe attachment will be eliminated with thermal growth. Sight holes were drilled per SEC recommendations under NWR D25898. The discrepancies were not service induced, therefore, no expansion was required.

82) A visual examination of ISCOSS support M-1199D-264 revealed spacer washers were not installed on the pipe side paddle and the load bolt was loose. DR 12-94-046 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The load bolt was tightened per SEC recommendations under NWR D25889. No expansion was required based upon Code Interpretation XI-1-86-30.

83) A visual examination of HPCISS support M-1187D-260 revealed the top of the east rod hanger to have a single locknut and was making contact with an adjacent conduit. A piece of angle iron not related to the support was preventing free movement of the support. DR 12-94-062 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The angle iron was removed per SEC recommendations under NWR D25893. The discrepancies were not service induced, therefore, no expansion was required.

84) A visual examination of HPCISS support M-1187D-261 revealed gaps between the corners of the upper stanchion plate and the spring can baseplate and a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-054 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

85) A visual examination of HPCISS support M-1187D-262 revealed gaps between the corners of the upper stanchion plate and the spring can baseplate and a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-055 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

86) A visual examination of HPCISS support M-1187D-263 revealed a gap behind the baseplate and various discrepancies between the as-built configuration of the support and the drawing. DR 12-94-063 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The baseplate gap was repaired per SEC recommendations under NWR D25902. The discrepancies were not service induced, therefore, no expansion was required.

87) A visual examination of HPCISS support M-1187D-264 revealed a loose spacer bolt causing lack of clamp contact in two quadrants, the rear clamp bolt was not fully engaged, and various discrepancies between the as-built configuration of the support and the drawing. DR 12-94-066 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The spacer bolt, lower clamp bolt, and clamp were tightened per SEC recommendations under NWR D25901. No expansion was required based upon Code Interpretation XI-1-86-30.

88) A visual examination of HPCISS support M-1187D-579 revealed a loose locknut, a missing spacer bolt causing lack of clamp contact in the upper two clamp quadrants, and the lower clamp bolt was not fully engaged. DR 12-94-067 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The locknut, lower clamp bolt, and clamp were tightened and spacer bolt replaced per SEC recommendations under NWR D25899. No expansion was required based upon Code Interpretation XI-1-86-30.

89) A visual examination of HPCITE support M-3412-03 revealed the lack of spacers on the riser clamp. DR 12-94-056 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

90) A visual examination of HPCITE support M-3412-07 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-94-057 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration acceptable as-is. The discrepancies were not service induced, therefore, no expansion was required.

91) A visual examination of the Control Rod Drive Cap Screws associated with removal/replacement of 46 drives revealed recordable indications (315 of 368 cap screws were inspected, of the 315 inspected, 80 exhibited recordable indications. Inspection of the remaining 53 cap screws (cap screws were misplaced) was dispositioned under DR 12-94-150.). The indications were consistent with the flaw characteristics that had been found during previous refueling outages. Those indications were addressed and dispositioned as documented on SMAD letter M-6370-91. Since the indications found on the cap screws were consistent with those previously found, the same disposition is being applied to the indications found this outage. However, as preventative maintenance all 368 cap screws were replaced with new cap screws.

92) A visual examination of valve MO-3-2301-4 revealed corrosion and pitting on the bonnet sealing area. Valve components were cleaned prior to reassembly under NWR D22519.

93) A visual examination of valve MO-3-1301-4 revealed linear indications on the wedge inner guide area and seating area of the wedge. Additional surface testing indicated that cracks on both the wedge and wedge guide area are in the stellite and did not propagate into the base metal. SEC review found this condition acceptable for continued service of one operating cycle. The wedge shall be replaced with a new design during the next refuel outage.

94) A visual examination of valve 3-1501-25A revealed linear indications on the valve disk seat and nicks on the valve seat. Indications were removed under NWR D24990.

95) A visual examination of valve AO-3-203-2C revealed cracks on the main disk, areas of wear on the pilot disk, and steam cut marks on the seat area. DR 12-94-036 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. Discrepancies were repaired under NWR D20016.

96) A Magnetic Particle examination of the IWA on Class II CSAS support M-3403-07 revealed excessive porosity in the weld. DR 12-94-106 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the weld indications do not affect the structural integrity of the support. The discrepancies were not service induced, therefore, no expansion was required.

97) A Liquid Penetrant examination of the IWA on Class II CSAS support M-1199D-258 revealed indications at the lug attachment where inadequate fillet existed. The indications exist in a cavity in an undersized area of the weld. This condition gives excessive bleedout causing a rejectable indication. The condition appears to have originated during original construction. DR 12-94-105 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the indication is not a crack in the weld; therefore, there is no concern of propagation into the pipe. The weld was analyzed, neglecting the weld leg that contains the indication, and was found acceptable. The discrepancies were not service induced, therefore, no expansion was required.

98) A Magnetic Particle examination of the IWA on Class II LPCIAD support M-3413-10 revealed two indications on a 90° elbow adjacent to the IWA attachment. System Materials Analysis Department (SMAD) analysis of the indications resulted in removal during the polishing process. SMAD concluded that the indications had no significant depth and were probably original fabrication defects, such as laps or remnant mill scale. The discrepancies were not service induced, therefore, no expansion was required.

99) A Magnetic Particle examination of the IWA on Class II LPCIAS support M-3413-10 revealed the IWA to be undersized and an area of uncompleted weld. DR 12-94-105 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the existing weld size acceptable. The discrepancies were not service induced, therefore, no expansion was required.

100) An Ultrasonic examination of pipe to elbow weld 18-9 on LPCIX line 3-1531-18" revealed an indication along the weld fusion line. SMAD evaluated this indication and concluded that it was incomplete fusion or tight slag. The indication appeared to be connected to the ID and is located in the weld and on the weld to pipe fusion zone. DR 12-94-105 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the indication acceptable as-is without repair. The discrepancies were not service induced, therefore, no expansion was required.

101) A Ultrasonic examination of safe end to nozzle weld N4D-3 on FWA line 3-3204E-12 revealed ID Geometry at the safe end as well as two indications appearing to be slag inclusions. Indications are of allowable size per Table IWB-3514-2.

102) A visual examination of ECCS Ring Header snubber M-3402-24 revealed a lack of clamp contact in one quadrant. DR 12-94-90 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-built configuration to have no effect on the system. The clamp was tightened per SEC recommendations under NWR D24727. The remaining snubbers were inspected for the same discrepancy and all were acceptable.

103) During Functional Testing of MSB snubber M-564K Sht 3 the snubber failed the activation portion of the test. DR 12-94-119 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found that if the snubber were to lock up or were not to function, all safety significant allowables would still be met. The snubber was replaced under NWR D20352. An additional 10% of the safety related snubber population was tested. No additional failures were found during the testing of the expanded sample.

104) A visual examination of SRVDC snubber M-564L Sht 6 revealed the snubber was outside of the allowable cold load range. DR 12-94-90 was generated to have SEC evaluate the effect on the system and provide recommendations for corrective actions. SEC review found the as-found setting acceptable as-is. The snubber was reset per SEC recommendations under NWR D26722. The remaining snubbers were inspected and none were found outside of their allowable cold load range.

105) A hydrostatic test of the Class I Reactor Pressure Boundary revealed leakage at the following bolted connections.

CRD Flanges A-6, B-9, C-6, F-6, L-6, M-10, and N-12
Bolt was removed each CRD, VT-3/4 inspected, found acceptable, re-installed and retorqued under NWR D26455.

SDC Flange 6-K14-FLG
In accordance with Relief Request PR-18, this connection was retourqued with system under hydro pressure and subjected to a VT-2 examination. The leakage was stopped and therefore no removal of bolting was required. Reference NWR D26455.

106) A hydrostatic test of CRD test block 03A1 was performed in conjunction with the hydrostatic test of the Class I Reactor Pressure Boundary, the VT-2 examination revealed leakage at the following bolted connections.

Valve Bonnets 3-0305-101 (06-35), and (50-19)
Bolt was removed from each bonnet, VT-3/4 inspected, found acceptable, re-installed and retorqued under NWRs D26602 and D26600 respectively.

107) A hydrostatic test of ISCOSS Test Block 13A1 was performed in conjunction with the hydrostatic test of the Class I Reactor Pressure Boundary, the VT-2 examination revealed leakage at the following bolted connection.

Valve Bonnet 3-1341-1A-R
Bolt was removed, VT-3/4 inspected, found acceptable, re-installed and retorqued under NWR D26729.

IV. ABBREVIATIONS

IV. ABBREVIATIONS

TEST METHOD:

UT	- Ultrasonic
MT	- Magnetic Particle Test
PT	- Penetrant Test
VT	- Visual Examination
FT	- Functional Test

SYSTEM:

CCSW	Containment Cooling Service Water
CRD	Control Rod Drive
CRDH	Control Rod Drive, Hydraulic
CRDSD	Control Rod Drive, Scram Discharge Volume
CSAD	Core Spray "A", Pump Discharge
CSAS	Core Spray "A", Pump Suction
CSBD	Core Spray "B", Pump Discharge
CSBS	Core Spray "B", Pump Suction
DGSW	Diesel Generator Service Water
FWA	Feedwater "A"
FWB	Feedwater "B"
HPCIPD	High Pressure Coolant Injection, Pump Discharge
HPCIPS	High Pressure Coolant Injection, Pump Suction
HPCISS	High Pressure Coolant Injection, Steam Turbine Supply
HPCITE	High Pressure Coolant Injection, Turbine Exhaust
ISCOCR	Isolation Condenser, Condensate Return
ISCOSS	Isolation Condenser, Steam Supply
ISCOVP	Isolation Condenser and Vent Piping
LPCIAD	Low Pressure Coolant Injection "A", Pump Discharge
LPCIAS	Low Pressure Coolant Injection "A", Pump Suction
LPCIBD	Low Pressure Coolant Injection "B", Pump Discharge
LPCIBS	Low Pressure Coolant Injection "B", Pump Suction
LPCIHX	Low Pressure Coolant Injection Heat Exchanger
LPCISR	Low Pressure Coolant Injection Torus Spray Ring
LPCITR	Low Pressure Coolant Injection Test Return to Torus
LPCIX	Low Pressure Coolant Injection Crosstie
MSA	Main Steam "A"
MSB	Main Steam "B"
MSC	Main Steam "C"
MSD	Main Steam "D"
MSDN	Main Steam Drain
RHS	Reactor Head Spray
RHV	Reactor Head Vent
RPV	Reactor Pressure Vessel
RRAD	Reactor Recirculation Loop "A", Pump Discharge (U/2 includes the crosstie piping up to but not including weld 202-6B/L3)
RRAS	Reactor Recirculation Loop "A", Pump Suction
RRBD	Reactor Recirculation Loop "B", Pump Discharge (U/2 includes the crosstie piping up to but not including weld 202-6B/L3)
RRBS	Reactor Recirculation Loop "B", Pump Suction
RVBD	Reactor Vessel Bottom Drain

RWCU	Reactor Water Clean Up
SBLC	Standby Liquid Control
SDC	Shutdown Cooling
SRVDA	Safety Relief Valve Discharge "A"
SRVDB	Safety Relief Valve Discharge "B"
SRVDC	Safety Relief Valve Discharge "C"
SRVDD	Safety Relief Valve Discharge "D"
SRVDE	Safety Relief Valve Discharge "E"

WELD/COMPONENT TYPE:

BLT	- Bolting
BPC	- Branch Pipe Connection
CAP	- Cap
CL	- Class
EL	- Elbow
F	- Flued Head
FLG	- Flange
FLGBLT	- Flange Bolting
IWA	- Integral Welded Attachment
NIR	- Nozzle Inner Radius
NOZ	- Nozzle
P	- Pipe
PG	- Penetration
PMP	- Pump
PMPBLT	- Pump Bolting
RED	- Reducer
REDE	- Reducing Elbow
RPV	- Reactor Pressure Vessel
SDL	- Saddle
SE	- Safe End
SHL	- Shell
SNB	- Snubber
SUP	- Support
SWC	- Socket Welded Coupling
SWCP	- Socket Welded Pipe Cap
SWE	- Socket Welded Elbow
SWF	- Socket Welded Flange
SWP	- Sweep-O-Let, Weld-O-Let, etc.
SWR	- Socket Welded Reducer
SWT	- Socket Welded Tee
SWV	- Socket Welded Valve
TBSH	- Tubesheet
TEE	- Tee
VLV	- Valve
VLVBLT	- Valve Bolting

EVALUATION:

NRI - No Recordable Indications

MATERIAL TYPE:

SS	- Stainless Steel
CS	- Carbon Steel
INC	- Inconnel

LOCATION:

CH	Cribhouse
DRY 1ST	EL. 515'-5 3/4" Drywell, 1st Level
DRY 2ND	EL. 537'-1 1/4" Drywell, 2nd Level
DRY 3RD	EL. 562'-0" Drywell, 3rd Level
DRY 4TH	EL. 576'-7 1/8" Drywell, 4th Level
DRY BASE	EL. 502'-4" Drywell, Basement
DRY CRD	EL. 502'-4" Drywell CRD removal/pedestal area
DRY HEAD	EL. 588'-5 1/2" Drywell, Head"
RB 517	EL. 517'-6" Reactor Building, 1st (ground) floor, general areas
RB 545	EL. 545'-6" Reactor Building, 2nd (mezzanine) floor, general areas
RB 570	EL. 570'-0" Reactor Buidling, 3rd (main) floor, general areas
RB 589N	EL. 589'-0" Reactor Building, 4th floor, general area on the north side
RB 589S	EL. 589'-0" Reactor Building, 4th floor, general area on the south side
RB CRE	EL. 476'-6" Reactor Building, east corner room
RB CRW	EL. 476'-6" Reactor Building, west corner room
RB EDT	EL. 496'-0" Reactor Building, equipment drain tank room
RB HPCI	EL. 476'-6" Reactor Building, high pressure coolant injection room
RB HST	EL. 504'-6" Reactor Building, HPCI steam tunnel (accessed via U2/3 swing diesel room, contact shift eng. for permission to open steam tunnel door (secondary containment)
RB ICP2	EL. 545'-6" Reactor Building, isolation condenser pipeway, 2nd floor
RB ICP3	EL. 570'-0" Reactor Building, isolation condenser pipeway, 3rd floor
RB RWCA	EL. 545'-6" Reactor Building, reactor water cleanup walkway to the filter sludge tank and pump, 2nd floor
RB RWCB	EL. 545'-6" Reactor Building, reactor water cleanup regenerative and non-regenerative heat exchanger room closes to the drywell, 2nd floor
RB SDC1	EL. 517'-6" Reactor Building, shutdown cooling pump room, 1st floor
RB SDC2	EL. 545'-6" Reactor Building, shutdown cooling heat exchanger room 2nd floor
RB TIP	EL. 517'-6" Reactor Building, traversing in-core probe room
RB X	EL. 513'-6" Reactor Building, x-area for main steam and feedwater containment penetrations (accessed via the turbine building ground floor walkway. Contact shift eng. for permission to open the door (secondary containment)
RW CHAS	EL. 504'-0" Radwaste Building, pipe chase along C row, between columns 45 and 43
RW TUNL	EL. 504'-0" Radwaste Building, pipe tunnel along column 45 between row C and mid-point of radwaste building
TB 469	EL. 469'-6" Turbine Building basement, condensate pumps
TB 495	EL. 495'-0" Turbine Building, general area near CRD and CCSW pumps
TB 517	EL. 517'-6" Turbine Building, 1st (ground) floor, general areas

TB 534	EL. 534'-0" Turbine Building, 2nd (mezzanine) floor, general areas
TB CCSW	EL. 495'-0" Turbine Building, containment cooling (LPCI) service water waterproof vault
TB DG	EL. 517'-6" Turbine Building, Unit 2 or Unit 3 diesel generator room
TOR BASE	EL. 476'-6" Torus basement (include all piping below EL. 494'-0")
TOR CWE	EL. 504'-6" Torus catwalk, east side (include all piping above EL. 494'-0")
TOR CWW	EL. 504'-6" Torus catwalk, west side (include all piping above EL. 494'-0")
TOR HPCI	EL. 504'-8 1/2" Inside the torus, HPCI steam return lines
TOR LPCI	EL. 508'-0" Inside the torus, LPCI suppression pool cooling return line
TOR SRV	EL. 484'-4 1/2" to 499'-2" Torus, SRV discharge line from the vent header penetration to the T-quencher

V. EXAMINATIONS, TESTS, REPLACEMENTS AND REPAIRS SINCE THE PRECEDING SUMMARY REPORT

V. EXAMINATIONS, TESTS, REPLACEMENTS AND REPAIRS SINCE THE PRECEDING SUMMARY REPORT

Several ASME Section XI repairs and replacements have taken place at Dresden Unit 3 since the previous summary report was issued. A review of the Dresden Station Section XI Repair Program Log was conducted in order to identify the various repairs and replacements.

Copies of the NIS-2 forms associated with all of the Section XI repairs and replacements that have taken place since the previous summary report was issued are contained in this section. The NIS-2 forms provide an abstract of the repairs and replacements and outline the examinations and tests performed in conjunction with them.

The following is a listing of NIS-2 forms included in this report. The Repair Replacement Plan number followed by the Work Request number are listed in order of Repair Replacement Plan number.

3-92-002	D14474	3-94-083	D21144
3-93-002	D16836	3-94-084	D22519
3-93-003	D11325	3-94-086	D25654
3-93-004	D13893	3-94-088	D20116
3-93-007	D16992	3-94-089	D24044
3-93-008	D16938	3-94-090	D24045
3-93-009	D12864	3-94-091	D24739
3-93-010	D12865	3-94-092	D20344
3-93-011	D12863	3-94-095	D25899
3-93-012	D12866	3-94-096	D20155
3-93-013	D17045	3-94-099	D26065
3-93-015	D22102	3-94-100	D26064
3-93-016	D22247	3-94-101	D26066
3-93-017	D20099	3-94-102	D25972
3-93-033	D12900	3-94-104	D20112
3-93-040	D05840	3-94-105	D20113
3-93-041	D20567	3-94-110	D20316
3-93-042	D16625	3-94-111	D21339
3-93-043	D16067	3-94-113	D12899
3-93-044	D16068	#256	D04893
3-93-046	D16687	#264	D06072
3-94-012	D20660	#283	D97938
3-94-013	D20661	#288	D01353
3-94-015	D20725	M12-3-90-18	D93116
3-94-016	D20726		
3-94-018	D20729		
3-94-019	D20730		
3-94-020	D20731		
3-94-021	D20746		
3-94-022	D16344		
3-94-023	D20830		
3-94-024	D20831		
3-94-025	D20747		
3-94-028	D20752		
3-94-029	D20754		
3-94-031	D20832		
3-94-032	D20834		
3-94-033	D20663		
3-94-034	D20748		
3-94-035	D20749		
3-94-036	D20750		
3-94-038	D20829		
3-94-039	D20753		
3-94-040	D20751		
3-94-044	D21302		
3-94-059	D05349		
3-94-062	D23070		
3-94-063	D05274		
3-94-074	D12862		
3-94-075	D12861		
3-94-081	D24741		
3-94-082	D20325		

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

DAP
REVISION

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 1/22/93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
R.R.1 MORRIS IL. (Address)

D14474 R/RP 3-92-002
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 LPCI

5. (a) Construction Code B31-1, 1967 Edition, N/A Addenda, Code Cases None

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, 89 NO Addenda, Code Cases None
JH4 1/19/93

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
A LPCI PP. CHECK VALVE	CRANE VLV. CO.	I225E	NA	3-1501-63A	N/A	REPLACED	NO
A LPCI PP CHECK VALVE	CRANE VLV. CO.	I225E	N/A	3-1501-63A	N/A	REPLACEMENT	NO

7. Description of work: REMOVE OLD CHECK VALVE & REPLACE WITH NEW

APPROVED

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [✓] Not Applicable [ ]

Test Pressure 1060 psig Test Temperature 410 °F

MAY 01 '92

9. Remarks: VISUAL INSPECTION PER VT-2-1, LATEST REV. FOR LEAKAGE

D.O.S.R.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: [signature] (Owner or Owner's Designee) Ist/Ist Group Ldr (Title) 5-27 (Date), 1993

Certificate of 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 Illinois, employed by HARTFORD STEAM BOILER of HARTFORD, CT having inspected the Replacement (Repair or Replacement) described in this report on June 02, 1993 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 06-02-93 Inspector: [signature] Commissions: IL 1561
(State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 4/25/93
Sheet: 1 Of 2

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

D16836 Unit: 3

3. Work Performed By: FLUOR CONSTRUCTORS (Name)
P.O. BOX 827 MORRIS, IL. 60450 (Address)

Repair/Replacement Plan 3-93-002
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500

5. (a) Construction Code USAS B 31.1, 1967 Edition, NONE Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NONE Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
1½" Sch 80 Pipe A106 GrB	HUB INC.	424002	N/A	RIR 454M QR-FPR-91799	1993	Replacement	No
1½" 300# SA105 Flange	Ladish	RT2JFA	N/A	RIR 454M QR-FPR-91799	1993	Replacement	No
16-1½" Stud Bolt A193	WFI	188BN	NA	RIR 454M QR-FPR-91799	1993	Replacement	No
36-16x1½" Stud Bolt	WFI	21	NA	RIR 469M QR-FPR-91891	1993	Replacement	No
3/4" Hex Nut	Cardinal	8898293	N/A	P.O. 5020260224 SI 500 ES8	1993	Replacement	No
3/4" Hex Nut	Cardinal	8898293	N/A	PO-TO9054 SI 79680 QRI 093-01264	1993	Replacement	No

7. Description of work: INSTALL NEW RCIC FILL LINE (3-3910-1½"-D) FROM DCCW TO CCSW PER NED Supplied MPC & ECN

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: FROM DIESEL GENERATOR COOLING WATER LINE TO CHECK VALVES 3-3999-640 AND 3-3999-642 TEST PRESSURE WAS 190 PSIG UP TO VALVE 3-3999-638 AND 200 PSIG FROM THIS POINT TO THE CHECK VALVES. FROM CCSW LINE 3-1510-16" TO CHECK VALVES 3-3999-640 AND 3-3999-642 TEST PRESSURE WAS 455 PSIG. TEST TEMPERATURE FOR ALL TESTS WAS >70°F.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code

Signed: _____ (Owner or Owner's Designee) SEC Engineer (Title) 8-10 (Date), 1993

Certificate of 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 ILLINOIS, employed by H.S.B.I. & I. CO. of HARTFORD, CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 8/10, 1993 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 8/10/93 Inspector: _____ Commissions: IL 1617 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Adress)

Date: 4/25/93

Sheet: 2 of 2

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: FLUOR CONSTRUCTORS (Name)
P.O. Box 827 MORRIS IL 60450 (Address)

D16836
Repair\Replacement Plan 3-93-002
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500

5. (a) Construction Code USAS B 31.1 19 67 Edition, NONE Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NONE Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3/4" Hex NUT	RONSON	IN88764	N/A	PO TO 6891 SI 796P01 QRI- D93-01082	1993	REPLACEMENT	NO
3/4" A/S A-193 -10 X36 BAR STOCK	CARDINAL	8090125	N/A	PO 503085 SI 796075 QRI-D93-01194	1993	REPLACEMENT	NO
3/4" A194 Hex Nut	CARDINAL	8394	N/A	PO 4J3551 SI-530 A02 QRI-D92-00295	1993	REPLACEMENT	NO
1½"-800# gate A-105 VALVE	Vogt	SW-12111	N/A	PO 502552 SI 804C74	1993	REPLACEMENT	NO
↓ ↓	↓	↓	↓	QRI-D92-00975 QRF-D92-01015	1993	↓	↓
1½" 800# A105 VALVE	ROCKWELL	838YT1	N/A	RIR 455 M QR-FPR-91798	1993	REPLACEMENT	NO
1½" 90° ELbow A105	COLUMBIA PIPE	128846	N/A	PO 502567 SI 558 A42	1993	REPLACEMENT	NO
1½" 90° ELbow A105	COLUMBIA PIPE	128846	N/A	PO 187202 SI 558 A70	1993	REPLACEMENT	NO
1½"-3000# Tee. A105	CAPITOL	15420	N/A	PO 187202 SI 558 A57	1993	REPLACEMENT	NO
12-8-1½-3000# Sock olet A105	GULF & WESTERN	[illegible]	N/A	PO 501427 558 C86 (SI)	1993	REPLACEMENT	NO
1½" Sch 80 Pipe A106 GR B	SHARON TUBE	409465	N/A	PO 502565 SI 504 B75	1993	REPLACEMENT	NO
↓ ↓	↓	↓	↓	QRI-M92-04544 QRI-M92-05289	1993	↓	↓
U-Bolt A181-1010-1015 for 1½" Pipe	GRINNELL CORP	137	N/A	PO 4K5088 SI-783690 QRI-M92-02676	1993	REPLACEMENT	NO
2"x2"x¼" Angle A-36	RYERSON	5593I0625	N/A	PO 502778 SI-387.H47 QRI-M92-04050	1993	REPLACEMENT	NO

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 4-25-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: SAME AS ABOVE (Name)

SAME AS ABOVE (Address)

DII 325 / 3-93-003
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 3B-5746/5700

5. (a) Construction Code USAS B31.1.0, 1967 Edition, NONE Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NONE Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Couplings	UNKNOWN	UNK	UNK	UNK	UNK	Replaced	NO
Unions	UNKNOWN	UNK	UNK	M3Z5746B----H15-	UNK	Replacement	NO

7. Description of work: COUPLINGS REPLACED WITH UNIONS on 3B LPCI Room Cooler Cooling Coil inlet & Outlet lines 3-3933B-2½" & 3-3934B-2½".

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 100 psig Test Temperature >60° NOMINAL °F

9. Remarks:

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code

Signed: [signature] (Owner or Owner's Designee) 1st Group Leader (Title) 6-24 (Date), 1993

Certificate of 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 ILLINOIS, employed by H.S.B.I. & I. CO. of HARTFORD, CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 6/24, 1993 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 6/24/93 Inspector: [signature] Commissions: IL 1617 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 4-25-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME AS ABOVE (Address)

D13893 / 3-93-004
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 3A-5746 / 5700

5. (a) Construction Code USAS B31.1.0 1967 Edition, NONE Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NONE Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
COUPLINGS	UNK	UNK	UNK	UNK	UNK	REPLACED	NO
UNIONS	UNK	UNK	UNK	D03Z5746A---HS	UNK	REPLACEMENT	NO

7. Description of work: COUPLINGS TO BE REPLACED WITH UNIONS.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 100 psig Test Temperature Nominal °F

9. Remarks:

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code

Signed: [signature] (Owner or Owner's Designee) Ist Group Ldr (Title) 5-27, 1993 (Date)

Certificate of 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 Illinois, employed by HARTFORD STEAM Boiler of HARTFORD, CT having inspected the Replacement (Repair or Replacement) described in this report on June 02, 1993 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 6-02-93 Inspector: [signature] Commissions: IL 1561 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 4-24-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
RR#1, MORRIS IL 60450 (Address)

3-93-007 (WR D16992)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1100 SBLC

5. (a) Construction Code USAS B31.1-0, 1967 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
M1190D-265	GRINNELL	NA	NA	P/N *F1G137	N/A	REPLACEMENT	No

7. Description of work: REPLACE U-BOLT & NUTS, STORES ITEM #'S 78F84 & 796C54

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: VT 3/4

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement Conforms to Section XI of the ASME Code
(Repair or Replacement)

Signed: [signature] (Owner or Owner's Designee) ISI Group Ldr. (Title) 4-25 (Date), 1993

Certificate of 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 Illinois, employed by HARTFORD STEAM BOILER of HARTFORD, CT having inspected the Replacement
(Repair or Replacement)
described in this report on June 02, 1993 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 6-02-93 Inspector: [signature] Commissions: IL 1561
(State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL. 60690 (Address)

Date: 4-20-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 03

3. Work Performed By: OWNER (Name)
SAME (Address)

D16938 / 3-93-008
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 3-3204-18"-C REACTOR FEED PIPING

5. (a) Construction Code USAS B31.1.0 19 67 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair. Replaced or Replacement	Code Stamped Yes/No
18" TILTING CK VLV DISC ASSM	CRANE	NONE	N/A	UNK	UNK	REPLACED	NO
18" TILTING CK VLV DISC. ASSM	CRANE	UNK	N/A	D0020 3035 SPARV25	UNK	REPLACEMENT	NO
(12) [illegible]	UNK	UNK	N/A	UNK	UNK	REPLACED	NO
(12) [illegible]	UNK	UNK	N/A	UNK	UNK	REPLACED	NO
(12) [illegible] 1⅜" x 10½" A-193 B-16	UNK	UNK	N/A	UNK	UNK	REPLACEMENT	NO
(12) [illegible] 1⅜" x 10½" A-194 GR 2H	UNK	UNK	N/A	UNK	UNK	REPLACEMENT	NO

7. Description of work: PERFORMED REPLACEMENT OF 18" TILTING CHECK VALVE DISC & SEAT [illegible] ASSEMBLY ALONG WITH 12 BOLTS AND 12 HEX NUTS FOR BONNET REPLACEMENT.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [✓]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: VT-1 PERFORMED ON REPLACEMENT BOLTING

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code

Signed: [signature] (Owner or Owner's Designee) ESI Group Leader (Title) 5-27, 1993 (Date)

Certificate of 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 Illinois, employed by HARTFORD STEAM Boiler of HARTFORD, Ct having inspected the Replacement (Repair or Replacement) described in this report on June 02, 1993 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 06-02-93 Inspector: [signature] Commissions: IL 1561 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL. 60690 (Address)

Date: 8-11-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3 (3-93-009)

WR# 12864 DOCUMENT NO.: 9

Repair Organization P.O. No., Job No. etc.

3. Work Performed By: OWNER (Name)
SAME (Address)

4. Identification of System: 0200

5. (a) Construction Code SECTION III, 1965 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
SAFETY VALVE	CONSOLIDATED	BK6527	N/A	3-0203-4A	Unk.	REPLACED	NO
		8-22-94					
SAFETY VALVE	CONSOLIDATED	[illegible]	N/A	3-0203-4A	Unk	REPLACEMENT	NO
		BK6272					
						BJC 8-30-94	

7. Description of work: REMOVE VALVE (S/N BK6527) AND REPLACE WITH VALVE (S/N ~~6272~~ BK6272) PER DMP 0200-10

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: Removed existing main steam safety valve and replaced with rebuilt assembly under NWR D12864.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 8-30, 1994 (Date)

Certificate of 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 ILLINOIS, employed by HSB I+ICO of HARTFORD, CT. having inspected the Replacement (Repair or Replacement) described in this report on 8-31-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 8-31-94 Inspector: [signature] Commissions: NB 7742 N I 513, IL 932 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 8-11-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3 (3-93-010)

WR# 12865 DOCUMENT No. 19

Repair Organization P.O. No., Job No. etc.

3. Work Performed By: OWNER (Name)
SAME (Address)

4. Identification of System: 0200

5. (a) Construction Code SECTION III, 19 65 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
SAFETY VALVE	CONSOLIDATED	BK6282	N/A	3-0203-4B	Unk.	REPLACED	NO
SAFETY VALVE	CONSOLIDATED	BK 6296	N/A	3-0203-4B	Unk.	REPLACEMENT	NO

7. Description of work: REMOVE VALVE (S/N BK6282) AND REPLACE WITH VALVE (S/N BK 6296) PER DMP 0200-10

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: Removed existing main steam safety valve and replaced with rebuilt assembly under NWR D12865.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 8-20 (Date), 19 94

Certificate of 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 [illegible], employed by HSB I & I Co. of Hartford, CT having inspected the Replacement (Repair or Replacement) described in this report on 8-31-94, 19 ___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 8-31-94 Inspector: [signature] Commissions: [illegible] (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 8-11-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

WR# 12863 (3-93-011)
Repair Organization P.O. No., Job No. etc.

3. Work Performed By: OWNER (Name)
SAME (Address)

4. Identification of System: 0200

5. (a) Construction Code SECTION III, 19 65 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
SAFETY VALVE	CONSOLIDATED	BK6304	N/A	3-0203-4C	Unk	REPLACED	NO
SAFETY VALVE	CONSOLIDATED	[illegible]	N/A	3-0203-4C	UNK	REPLACEMENT	NO

7. Description of work: REMOVE VALVE (S/N BK6304) AND REPLACE WITH VALVE (S/N BK6277) PER DMP 0200-10

8. Test Conducted: (Hydrostatic) [ ] Pneumatic [ ] Nominal Operating Pressure BAC 8-3044 [ ] Not Applicable [ ]

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: Removed existing main steam safety valve and replaced with rebuilt assembly under NWR D12863.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J Casey (Owner or Owner's Designee) ISI Coordinator (Title) 8-30 (Date), 19 94

Certificate of 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 ILLINOIS, employed by HSB IT CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 8-31, 1994 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 8-31-94 Inspector: [signature] Commissions: NB 7747 NIS B, IL 932
(State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL. 60690 (Address)

Date: 8-11-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3 (3-93-012)

3. Work Performed By: OWNER (Name)
SAME (Address)

WR# 12866 DOCUMENT NO. 9
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0200

5. (a) Construction Code SECTION III, 19 65 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
SAFETY VALVE	CONSOLIDATED	BK7162	N/A	3-0203-4D	Unk.	REPLACED	NO
SAFETY VALVE	CONSOLIDATED	BK6525	N/A	3-0203-4D	Unk	REPLACEMENT	NO

7. Description of work: REMOVE VALVE (S/N BK7162) AND REPLACE WITH VALVE (S/N BK6525) PER DMP 0200-10

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: Removed existing main steam safety valve and replaced with rebuilt assembly under NWR D12866.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 8-30 (Date), 1994

Certificate of 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 [illegible], employed by HSBI+ICC of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 9-31-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 9-31-94 Inspector: [signature] Commissions: IL5 7742 N1515 IL 932 (State or Province, National Board)

As Required by the Provisions of ASME Code Section XI

WR# 170045

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 4-26-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D17045 PO# 393-013
Repair Organization P.O. No., Job No. etc.

4. Identification of System: STANDBY LIQUID CONTROL SBLC

5. (a) Construction Code III, 1965 Edition, ~~W66~~ N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
SBLC PUMP	UNION	271643	N/A	3-1102B		REPLACED	No
Discharge Flange Hex Nuts	UNKNOWN	N/A	N/A	3-1102B		Replaced	No
Discharge Flange Studs	UNKNOWN	N/A	N/A	3-1102B		Replaced	No
Discharge Flange HexNuts	UNKNOWN	N/A	N/A	3-1102B		Replacement	No
SBLC PUMP	UNION	271642	N/A	2/3-1102		REPLACEMENT	No
Discharge Flange Studs	UNKNOWN	N/A	N/A	3-1102B		Replacement	No

7. Description of work: Replaced Old pump with rebuilt pump AND REPLACED DISCHARGE FLANGE BOLTING.

8. Test Conducted: ~~Hydrostatic~~ BJC 8-30-94 Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 1000 psig Test Temperature Nominal °F

9. Remarks: None.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 8-30 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I&C Co of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 11-30-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 11-30-94 Inspector: [signature] Commissions: IL932, NB7742 N I S B (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 1-6-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: COMMONWEALTH EDISON (Name)
RR#1, MORRIS, IL 60450 (Address)

RR#3-93-015 NWR#D22102
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 3-1500 / VALVE 3-1599-34B

5. (a) Construction Code USAS B31.1.0, 1967 Edition, N/A Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, — Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
VALVE, GLOBE, 2"	HANCOCK	550W-1	UNK	3-1599-34B	UNK	REPLACED	NO
VALVE, GLOBE, 2"	HANCOCK	2-550W	NO	3-1599-34B	UNK	REPLACEMENT	NO
PIPE, 2" SCH80, A106, GRB	UNKNOWN	NONE	NO	HT "68609	UNK	REPLACEMENT	NO
PIPE, 2" SCH80, A106, GRB	UNKNOWN	NONE	NO	NONE	UNK	REPLACED	NO
ELBOW 90°	UNKNOWN	NONE	NO	NONE	UNK	REPLACED	NO
ELBOW 90°	UNKNOWN	NONE	NO	NONE	UNK	REPLACEMENT	NO

7. Description of work: INSTALL NEW VALVE, PIPE & ELBOW (90°)
LINE # 3-1500-2"-D

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

#1 Test Pressure 337.4 psig Test Temperature 81.6 °F #2 TEST PRESSURE 140.89 PSI TEMP. 88.4 °F

9. Remarks: TEST #1, VALVE TO FLANGE
TEST #2, VALVE TO PUMP

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: _____ (Owner or Owner's Designee) MAINT. SUPT. (Title) 3-4 (Date), 1994

Certificate of 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 IL, employed by HSB I&CD of HARTFORD, CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 3-9, 1994 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 3-9-94 Inspector: Scott T. Rainey Commissions: IL 932, NB 7742, N 165
(State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10-13-93
Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: SAME (Name)
SAME (Address)

WR # 22247 2HR 93-016
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 2-1501-1D CLOSE RR DIS. CHK VLV

5. (a) Construction Code B31.1.0, 19 67 Edition, NONE Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NONE Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
10" DUO CHECK VLV	C.S. VALVE		N/A	90-1314-010-01		REPLACED	NO
				2-1501-1D			
10" DUO CHECK VLV	TRW		N/A	EE623		REPLACEMENT	NO
				2-1501-1D			

7. Description of work: REMOVE/REPLACE CHECK VALVE

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 200 psig Test Temperature NOM °F

9. Remarks:

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: [signature] (Owner or Owner's Designee) SEC (Title) 12-16-93 (Date), 19 93

Certificate of 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 ILLINOIS, employed by H.S.B.I.&I. CO. of HARTFORD, CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12/17, 1993 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12/17/93 Inspector: [signature] Commissions: IL 1617
(State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 04-22-94

Sheet: 1 of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

WR# Unit 2 0 0 9 9 (3 over "2 0"; "0" struck through)
~~RPP # 2-93-017~~

Repair Organization P.O. No., Job No. etc.

3. Work Performed By: OWNER (Name)
6500 N. DRESDEN RD, MORRIS IL 60450 (Address)

4. Identification of System: 1100, SBLC

5. (a) Construction Code USAS B31.1.0, 19 67 Edition. N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition. N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes, No
1½" SBLC OUTBOARD							
INJECTION CHECK VALVE	CRANE	3888U	N/A	3-1101-16		REPAIR	No
~~" "~~	~~ROCKWELL EDWARDS~~	~~3674~~	~~N/A~~	~~3-1101-16~~		~~REPLACEMENT~~	~~No~~
				BJL 10-20-93			

7. Description of work: GROUND OFF SEAL WELD, REMOVED BONNET. REINSTALLED ^[illegible]^ SAME BONNET AND [illegible]
[illegible]

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 1000 psig Test Temperature NOMINAL °F

9 Remarks: Bonnet seal weld was removed to accommodate internal inspection of valve. Seats were cleaned and bonnet was reinstalled and seal welded.

Certificate of Compliance

We certify that the statements made in this report are correct and this Repair (Repair or Replacement) Conforms to Section XI of the ASME Code

Signed: Brendan J. Casey (Owner or Owner's Designee), SEC (Title), June 28 (Date), 19 94

Certificate of 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 ILLINOIS, employed by HSB I+I CO of HARTFORD CT having inspected the Repair (Repair or Replacement) described in this report on 8-4, 1994 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 8-4-94 Inspector: [signature] Commissions: NB7742 HIS17 IL932 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 12-29-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: Same as Above (Name)
" " " (Address)

CECo NWR D12900
Repair Organization P.O. No., Job No. etc.
B93-0557

4. Identification of System: 2300 HPCI Turbine Exhaust Rupture Disc

5. (a) Construction Code USAS B31.1.0, 1967 Edition, No Addenda, Code Cases None

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, No Addenda, Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
HPCI Turbine Rupture Disc	B, S & B Safety		N/A	3-2301-69	N/A	Replaced	NO
Hex Nut	Unknown	N/A	N/A	None		Replaced	NO
HPCI Turbine Rupture Disc			N/A	3-2301-69		Replacement	No
Hex Nut		Heat Code J1B	N/A	SI# 796005		Replacement	NO

7. Description of work: Replace HPCI Turbine Rupture Disc for Preventative Maintenance Surveillance

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure Nominal psig Test Temperature Nominal °F

9. Remarks: Replaced rupture disc and a lost hex nut. VT-2 performed during Operating surveillance DOS 2300-(Reactor Vessel at 920 psig).

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 1-4 (Date), 1995

Certificate of 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 ILLINOIS, employed by HSB I&C of HARTFORD, CT having inspected the Replacement (Repair or Replacement) described in this report on 1-12-95, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 1-12-95 Inspector: Robert Tierney Commissions: 16932, NB7742N16B (State/or Province, National Board)

Doc.# 10 Cont. WR# D05840

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 12-1-93
Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: #3

3. Work Performed By: SAME AS ABOVE (Name)
SAME AS ABOVE (Address)

NWP# D5840 RIRP# 3-93-40
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1000

5. (a) Construction Code USAS B31.1.0 19 67 Edition, NONE Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NONE Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Valve Disc	Crane N/A	R&B 612049				Replaced	
Valve Bolting (Stud)		N/A	N/A	MO 3-1001-5B	N/A	Replaced	No
Valve Disc	Crane N/A	R&B 612049				Replacement	
Valve Bolting (Stud)		N/A	N/A	MO 3-1001-5B	N/A	Replacement	No
Valve Bolting (Nut)		N/A	N/A	MO3-1001-5B	N/A	Replaced	No
Valve Bolting (Nut)		N/A	N/A	MO 3-1001-5B	N/A	Replacement	No

7. Description of work: BOLTING WAS REPLACED AS PREVENTATIVE MAINTENANCE.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 psig Test Temperature 200 195 °F BJR 11-7-94

9. Remarks: None.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-7 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I&I CO of HARTFORD, CT having inspected the Replacement (Repair or Replacement) described in this report on 1-9-95, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 1-9-95 Inspector: Robert T. Raigey Commissions: IL 932, NB 7742 H I S B (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 3-24-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: Commonwealth Edison Co. (Name)
RR #1 Morris Ill 60450 (Address)

CECo NWR D20567 M-93-041
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500

5. (a) Construction Code B31.1.0 1967, 19 67 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, 1989 Addenda, Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
4 WAY VALVE / #047	TUFLINE	6KR1	—	S.I. 796H67	93	REPLACEMENT	NO
4 WAY VALVE / #047	TUFLINE	UNKNOWN	—	S.I. 796H67	UNKNOWN	REPLACED	NO

7. Description of work: Remove/Replace Valve.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 195 psig Test Temperature 79.8 °F

9. Remarks: Existing valve was removed and replaced with a new assembly per Station General Surveillance Program.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I&I CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 11-21-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 11-21-94 Inspector: Scott T Ramey Commissions: NB 7742 NIS IL 932 (State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 2/22/94
Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: SAME AS ABOVE (Name)
SAME AS ABOVE (Address)

CECo NWR D16625
Repair Organization P.O. No., Job No. etc.
R/EP # 3-93-042

4. Identification of System: 20C

5. (a) Construction Code Section III, 1965 Edition, NA Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NA Addenda, Code Cases NA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Spare MS Safety Vlv. Disc (S/N BK6277)	DRESSER	N/A OR UNKNOWN	N/A	Valve Disc	N/A	Replaced	NO
Spare MS Safety Vlv. Disc (S/N BK6277)	DRESSER	AAR60	N/A	Valve Disc	N/A	Replacement	NO

7. Description of work: REPLACE DISC WITH NEW SE # 570D97

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [✓]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks:

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement Conforms to Section XI of the ASME Code.
(Repair or Replacement)

Signed: [signature] (Owner or Owner's Designee) SEC (Title) 2-22 (Date), 19 94

Certificate of 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 ILLINOIS, employed by HSB I&C of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 2-23, 1994 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 2-23-94 Inspector: [signature] Commissions: IL932, NB7742, NIS B
(State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

DAP 11-18
REVISION 35

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL 60690 (Address)

Date: 4-1-94

Sheet: 1 of 2

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL 60450 (Address)

Unit: 3

3. Work Performed By: BECHTEL CONST. (Name)
BOX 10 DRESDEN RD (Address)

D11067 / 3-93-048 3 RHB/JM/SS
Repair Organization P.O. No., Job No. etc.

4. Identification of System: CCSW 1500 SYSTEM

5. (a) Construction Code USAS, 19 67 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Bd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
FLANGE, 300lb, SCH 80 A105 1/4" RAISED FACE	Unknown	N/A	N/A	QRI # M93-01998	Unk	Replacement	~~YES~~ NO BAC 8-22-94
STUD, 5/8-11X5" FULL THREAD A193 B7	"	"	"	QEI # 502107DR10	Unk.	Replacement	~~YES~~ NO BAC 8-22-94
SA194-2H NUT, HEAVY HEX 5/8-11	"	"	"	QRI # D93-01521	Unk.	Replacement	~~YES~~ NO BAC 8-22-94

7. Description of work: INSTALLED (2) ORIFICES FOR FLOW RESTRICTION.

8. Test Conducted: Hydrostatic [✓] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure ~~325-349~~ 340 psig BAC 8-22-94 Test Temperature ~~60-110~~ 70° °F BAC 8-22-94

9. Remarks: SYSTEM FILLED TO THE TOP OF BOTTOM VENT. HYDRO COMPLETED THRU BOTTOM.
Cut existing line and installed flanges, orifice element, and associated flange bolting (studs and nuts) in accordance with Minor Plant Change P12-3-93-224.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 8-22, 19 94 (Date)

Certificate of 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 ILLINOIS, employed by HSB I&I CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 8-25, 1994 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 8-25-94 Inspector: [signature] Commissions: NB7742N,I,S,B IL 937 (State or Province, National Board)

NIS-2 Form 3-93-043 Did Not Require Additional Pages
Therefore, Page 2 of 2 Has Been Omitted

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

DAP .1-.8
REVISION 5

1. Owner Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL 60690 (Address)

Date: 4-1-94
Sheet: 1 of 2
Unit: 3

2. Plant Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL 60450 (Address)

3. Work Performed By BECHTEL CONST. (Name)
BOX 10 DRESDEN RD (Address)

D16068/3.93-044
Repair Organization P.O. No., Job No. etc.

4. Identification of System: CCSW 1500 SYSTEM

5. (a) Construction Code USAS, 19 67 Edition, ND Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Bd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
FLANGE 300lb, SCH 80 A105 1½" RAISED FACE	Unknown			DRI# D94-00177	Unk.	Replacement	YES
STUD, FULL THREAD 5/8-11X3" A193 B7	"			DRI# 502107 DR10	Unk.	Replacement	YES
SA194-2H NUT, HEAVY HEX 5/8-11	"			DRI# D93-01521	Unk.	Replacement	YES

7. Description of work: INSTALLED (2) ORIFICES FOR FLOW RESTRICTION.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]
Test Pressure 340 BJC 8-22-94 psig Test Temperature 70° BJC 8-22-94 °F

9. Remarks: SYSTEM FILLED TO THE TOP OF BOTTOM VENT. HYDRO COMPLETED THRU BOTTOM.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 8-22 (Date), 19 94

Certificate of 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 ILLINOIS, employed by HSB I&I CT of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 8-25, 19 94 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 8-25-94 Inspector: [signature] Commissions: HARTH2 NIS81C937
(State or Province, National Board)

NIS-2 Form 3-93-044 Did Not Require Additional Pages
Therefore, Page 2 of 2 Has Been Omitted

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 3-15-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2/3

WR# 16687

3. Work Performed By: OWNER (Name)
SAME (Address)

Repair Organization P.O. No., Job No. etc.
[illegible]

4. Identification of System: 1100 SBLC

5. (a) Construction Code ASME SECT. VIII, 19 65 Edition, - Addenda, Code Cases None

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, - Addenda, Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
7/16"-14 BONNET STUD	N/A	N/A	N/A	VALVE 2-1105A	*	REPLACED	N
FOR SBLC RELIEF VALVE							
7/16"-14 BONNET STUD	B&G MANUFACTURING Co.	RTB LAB	N/A	2/3-1105A	*	REPLACEMENT	N
		7C714X12F					

7. Description of work: REPLACED BONNET STUDS   * Unknown. [signature] 3-18-94

8. Test Conducted: ** Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ] ** Leak check during relief valve setting.

Test Pressure 1300 psig Test Temperature 89 °F

9. Remarks: No leakage at replaced studs - verified during setting lift pressure of valve under DMP 1100-02 Step G.7. [signature] 3-18-94

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: [signature] (Owner or Owner's Designee) SEC (Title) 3-19 (Date), 19 94

Certificate of 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 IL, employed by HSBI&ICO of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 3-22-94, 19 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 3-22-94 Inspector: [signature] Commissions: IL 932 NB7742 NIS B (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7/14/94

Sheet: 1 of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D20660 3-94-012
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC III, 1965 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamp Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	6402	N/A	SN 6402	65	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	6391	N/A	SN 6391	65	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	None	N/A	1-8 x 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT CODE KOC	N/A	1-8 x 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTROL ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure ~~1100~~ 1040 RJS 8/24/94 psig Test Temperature ~~180~~ 200 RJS 8/24/94 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION [illegible] AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 [illegible], employed by HSB I&I CO of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-16-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-16-94 Inspector: [illegible] Commissions: [illegible] (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7/14/93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D20661 3-94-013
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC III, 1965 Edition, No Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamp Yes/N
CONTROL ROD DRIVE	GENERAL ELECTRIC	648C	N/A	SN 648C	67	REPLACED	YE
CONTROL ROD DRIVE	GENERAL ELECTRIC	A9336	N/A	SN A9336	74	REPLACEMENT	YE
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	None	N/A	1-8 x 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT 52613	N/A	1-8 x 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTRO ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure ~~1100~~ 1040 RJS 8/24/94 psig Test Temperature ~~180~~ 200 RJS 8/24/94 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION (AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I + I CO of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-16-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-16-94 Inspector: [signature] Commissions: NB7742N,ISB, IL937 (State or Province, National Board)

22 of 36

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7/16/93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

P20725 n-94-01
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC III, 1965 Edition, No Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, No Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Coc Stam Yes/
CONTROL ROD DRIVE	GENERAL ELECTRIC	45	N/A	SN 45	68	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A8010	N/A	SN A8010	65	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	NONE	N/A	1-8 x 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT 52613	N/A	1-8 x 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTRO ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 RJG 6/24/94 psig Test Temperature 200 RJG 6/24/94 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I&C CO of HARTFORD, CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-1, 1994 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-1-94 Inspector: R Kinney Commissions: IL932, NB7742 NIS B (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 2/16/93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

P20726 N-94-016
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC III, 19 65 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Cod Stamp Yes/I
CONTROL ROD DRIVE	GENERAL ELECTRIC	941	N/A	S/N 941	69	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A9570	N/A	S/N A9570	93	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	None	N/A	1-8 x 5 1/2"	N/A	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT# 52613	N/A	1-8 x 5 1/2"	N/A	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTRO ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION L AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 19 94

Certificate of 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 ILLINOIS, employed by HSB CT CO of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-1-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-1-94 Inspector: Robert J Raney Commissions: IL 932, NB 7747 N.I.S.I.
(State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7/1/95

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D20729 [illegible]
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS.300

5. (a) Construction Code ASME SEC III, 1965 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamp Yes/
CONTROL ROD DRIVE	GENERAL ELECTRIC	8692	N/A	S/N 8692	78	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	886A	N/A	S/N 886A	65	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	None	N/A	1-8 x 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT#52613	N/A	1-8 x 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTR ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure ~~1100~~ 1040 RJP 5/24/94 psig Test Temperature ~~180~~ 200 EJB 5/24/94 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION. AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.
(Repair or Replacement)

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I&I CO of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-16-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any mann for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 12-16-94 Inspector: [illegible] Commissions: IL 932 NB 7742 N [illegible] (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7/16/93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D 20730 N-94-019
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC III, 1965 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	553C	N/A	SN 553C	67	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	61	N/A	SN 61	65	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	NONE	N/A	1-8 X 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT 52693	N/A	1-8 X 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTROL ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 RJG 8/25/94 1100 psig Test Temperature 200 RJG 8/25/94 150 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION G-2 AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS. WITH NEW OR VT-1 INSPECTED BOLTS.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I&I CO of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-1-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-1-94 Inspector: Curt T. Ramsey Commissions: IL 932, NB 7742 N IS B
(State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 9-2-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: Owner (Name)
Same (Address)

D20731 (3-94-020)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: Control Rod Drive (System 0300)

5. (a) Construction Code ASME Section III, 1965 Edition, NO Addenda, Code Cases None

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CRD Flange Bolts (8)	General Electric	Unk.	N/A	1-8 x 5½"	Unk.	Replaced	No
CRD Flange Bolts (8)	General Electric	HT# 52613 HT Code K2V	N/A	1-8 x 5½"	Unk.	Replacement	No
Control Rod Drive	General Electric	616C	N/A	3-0300-C10	'67	Replaced	Yes
Control Rod Drive	General Electric	A8067	N/A	3-0300-C10	'86	Replacement	Yes

7. Description of work: Remove existing CRD and CRD Capscrews and replace with rebuilt CRD and brand new CRD Capscrews.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: Existing CRD (Serial Number 616C) was replaced with rebuilt CRD (Serial Number A8067). CRD did not pass performance testing after installation and was subsequently replaced under NWR D26066 (Repair/Replacement Plan 3-94-101). This specific NIS-2 is to document the installation of new CRD Capscrews as well as to show the changeout of the CRD which was in-service prior to D3R13.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 10-5 (Date), 1994

Certificate of 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 ________, employed by HSBI&I CO of HARTFORD, CT having inspected the Replacement (Repair or Replacement) described in this report on 11-2-94, 19____ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: [illegible]-94 Inspector: [signature] Commissions: NB7742N IS B 1C 432 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 9-2-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: Owner (Name)
Same (Address)

D20746 (3-94-021)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: Control Rod Drive (System 0300)

5. (a) Construction Code ASME Section III, 1965 Edition, NO Addenda, Code Cases None

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CRD Flange Bolts (8)	General Electric	None	N/A	1-8 x 5½"	Unk.	Replaced	No
CRD Flange Bolts (8)	General Electric	Ht# KOG	N/A	1-8 x 5½"	Unk.	Replacement	No
Control Rod Drive	General Electric	126	N/A	3-0300-L3	'68	Replaced	Yes
Control Rod Drive	General Electric	1201	N/A	3-0300-L3	'65	Replacement	Yes

7. Description of work: Remove existing CRD and CRD Capscrews and replace with rebuilt CRD and brand new CRD capscrews.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: Existing CRD (Serial Number 126) was replaced with rebuilt CRD (Serial Number 1201). CRD did not pass performance testing after installation and was subsequently replaced under NWR D26065 (Repair/Replacement Plan 3-94-099). This specific NIS-2 is to document the installation of the new CRD capscrews as well as to show the changeout of the CRD which was in-service prior to D3R13.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 10-5 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I+E CO of HARTFORD, CT having inspected the Replacement (Repair or Replacement) described in this report on 11-2-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 11-2-94 Inspector: Robert T. Casey Commissions: NB7742 NIS8 IL 932
(State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 12-20-93
Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: #3

3. Work Performed By: SAME AS ABOVE (Name)
SAME AS ABOVE (Address)

D 16344 (mod 02)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 2300

5. (a) Construction Code USAS B31.1.0, 1967 Edition, NONE Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NONE Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
HGR ROD	Unknown	N/A	N/A	UNKNOWN	N/A	REPLACED	NO
HGR ROD	"	N/A	N/A	A-36	N/A	REPLACEMENT	NO
HGR ROD NUTS	"	N/A	N/A	UNKNOWN	N/A	REPLACED	NO
HGR ROD NUTS	"	N/A	N/A	A-194	N/A	REPLACEMENT	NO
HGR WASHER(S)	"	N/A	N/A	UNKNOWN	N/A	REPLACED	NO
HGR WASHER PLATE	"	HT#48611	N/A	A-36	N/A	REPLACEMENT	NO

7. Description of work: Replaced bent support components in accordance with CHRON # D123830 and NWR D16344

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: None

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: [signature] (Owner or Owner's Designee) [signature] (Title) [signature] (Date), 1994

Brendan J. Casey ISI Coordinator 11-7-94

Certificate of 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 ILLINOIS, employed by HSB I&I CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 1-12, 1995 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 1-12-95 Inspector: [signature] Commissions: IL 932, NB 7742 N IS B (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7/19/93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D 20830 M94-023
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC III, 19 65 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	6540	N/A	SN 6540	74	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	735C	N/A	SN 735C	67	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	None	N/A	1-8 x 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT 52613	N/A	1-8 x 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTROL ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]
Test Pressure ~~1100~~ 1040 RJS 8/25/94 psig Test Temperature ~~150~~ 200 RJB 8/25/94 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION F-12 AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I&I CO of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-16-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-16-94 Inspector: [signature] Commissions: ND742 NISB 12932 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL. 60690 (Address)

Date: 7/19/95

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D 20831 m94024
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS.300

5. (a) Construction Code ASME SEC III, 1965 Edition, No Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, No Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	A5018	N/A	SN A5018	82	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	1043	N/A	SN 1043	65	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	None	N/A	1-8 x 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	CODE HT KOG	N/A	1-8 x 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTROL ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure ~~1100~~ 1040 RJB 8/25/94 psig Test Temperature ~~180~~ 200 RJB 8/25/94 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION H-1 AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.
(Repair or Replacement)

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 [illegible], employed by HSB I&I CO of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-16-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-16-94 Inspector: [signature] Commissions: NB [illegible] (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7/15/93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

P 20747 394015
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS.300

5. (a) Construction Code ASME SEC III, 1965 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	96	N/A	SN 96	68	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	751	N/A	SN 751	69	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	None	N/A	1-8 X 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT 52613	N/A	1-8 X 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTROL ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]
Test Pressure ~~1100~~ 1040 RJS 8/24/94 psig Test Temperature ~~180~~ 200 RJS 8/24/94 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION J-14 AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed : Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I&I CO of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-16-, 1994 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-16-94 Inspector: [signature] Commissions: NB7742 N,I&S, IL932 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7/15/93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D 20752 3AA.019
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC III, 1965 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	6188	N/A	S/N 6188	74	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A9625	N/A	S/N A9625	93	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	None	N/A	1-8 x 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT#[illegible]	N/A	1-8 x 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTROL ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]
Test Pressure ~~1100~~ 1040 RJS 8/25/94 psig Test Temperature ~~180~~ 200 RJS 8/25/94 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION F-6 AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 [illegible], employed by HSB I&I Co of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-16-94, 19__ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-16-94 Inspector: [signature] Commissions: IL 932, NB 7142 N,I,S (State or Province, National Board)

22 of 36

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7/15/93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D 20754 3.94.029
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC III, 1965 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	1057	N/A	SN 1057	69	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A8328	N/A	SN A8328	65	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	None	N/A	1-8 x 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT CODE KOG	N/A	1-8 x 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTROL ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]
Test Pressure 1100 psig (1040 RJB 5/24/94) Test Temperature 180 °F (200 RJB 5/24/94)

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION H-3 AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I+I CO of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-16-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-16-94 Inspector: [signature] Commissions: IL932, NB7742NIS13 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL. 60690 (Address)

Date: 7/19/93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

D20832 394-031
Repair Organization P.O. No., Job No. etc.

3. Work Performed By: OWNER (Name)
SAME (Address)

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC III, 1965 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	9173	N/A	S/N 9173	78	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A2522	N/A	S/N A2522	80	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	None	N/A	1-8 x 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT#52613	N/A	1-8 x 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTROL ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION K-11 AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10, 1994 (Date)

Certificate of 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 ILLINOIS, employed by HSB I+I CO of HARTFORD, CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-16-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-16-94 Inspector: [signature] Commissions: IL 1432, NB 7742 N,I,B (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7/17/94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D 20834 394-672
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS.300

5. (a) Construction Code ASME SEC III, 1965 Edition, N/A Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	64ZC.	N/A	S.N. 64ZC	67	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	957	N/A	S/N 957	69	REPLACEMENT	YES
C R D. FLANGE BOLTS	GENERAL ELECTRIC	NONE	N/A	1-8 x 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	[illegible]	N/A	1-8 x 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTROL ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION 5-11 AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR UT-1 INSPECTED BOLTS.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 [illegible], employed by HSB I&C of HARTFORD, CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-16-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-16-94 Inspector: [illegible] Commissions: [illegible] (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7/14/93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D 20663 93-94-033
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC III, 1965 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	968C	N/A	S/N 968C	67	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	718C	N/A	S/N 718C	65	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	NONE	N/A	1-8 X 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT. CODE K06	N/A	1-8 X 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTROL ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION M-12 AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS. WITH NEW OR VT-1 INSPECTED BOLTS

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 19 94

Certificate of 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 ILLINOIS, employed by HSB I&I CO of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-1-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-1-94 Inspector: Robert T. Paisley Commissions: IL 932 + NB 7742 N15B (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name) Date: 7/15/93
One First National Plaza, Chicago IL, 60690 (Address)

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name) D 20748 3-94-034
SAME (Address)

Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC III, 1965 Edition, NC Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	7767	N/A	S/N 7767	78	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A4661	N/A	S/N A4661	81	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	None	N/A	1-8 x 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT# 52613	N/A	1-8 x 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTROL ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]
Test Pressure ~~1100~~ 1040 RJB 9/25/94 psig Test Temperature ~~[illegible]~~ 200 RJB 9/25/94 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION L-7 AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 [illegible], employed by HSB I+I CO of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-16-94 19__ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-16-94 Inspector: [signature] Commissions: IL432, NB7742 N,I,S (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7/15/93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D 20749 M9L.035
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC III, 19 65 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	947	N/A	SN 947	69	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A9666	N/A	SN A9666	74	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	None	N/A	1-8 x 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT CODE KOG	N/A	1-8 x 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTROL ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]
Test Pressure ~~1100~~ 1040 RJB 8/25/94 psig Test Temperature ~~180~~ 200 RJB 8/25/94 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION F-4 AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 19 94

Certificate of 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 ILLINOIS, employed by HSB I+I CO of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-1-94, 19 ___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-1-94 Inspector: [signature] Commissions: NB7742 N,I,S,B, 16932 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7/15/95

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D 20750 M94030

Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC III, 19 65 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	A5023	N/A	SN A5023	82	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A9664	N/A	SN A9664	93	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	None	N/A	1-8 x 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT 52613	N/A	1-8 x 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTROL ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure ~~1100~~ 1040 RJS 6/25/94 psig Test Temperature ~~180~~ 200 RJS 6/25/94 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION C-6 AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 [illegible], employed by HSB I&I CO of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-16-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-16-94 Inspector: [signature] Commissions: [illegible] (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 9-2-94

Sheet: 1 Of 1

Unit: 3

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

3. Work Performed By: Owner (Name)
Same (Address)

D20829 (3-94-038)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: Control Rod Drive (System 0300)

5. (a) Construction Code ASME Section III, 1965 Edition, NO Addenda, Code Cases None

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CRD Flange Bolts (8)	General Electric	None	N/A	1-8 x 5½"	Unk.	Replaced	No
CRD Flange Bolts (8)	General Electric	HT#52613	N/A	1-8 x 5½"	Unk.	Replacement	No
Control Rod Drive	General Electric	906	N/A	3-0300-E12	'69	Replaced	Yes
Control Rod Drive	General Electric	A8522	N/A	3-0300-E12	'88	Replacement	Yes

7. Description of work: Remove existing CRD and CRD Capscrews and replace with rebuilt CRD and brand new CRD Capscrews.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: Existing CRD (Serial Number 906) was replaced with rebuilt CRD (Serial Number A8522). CRD did not pass performance testing after installation and was subsequently replaced under NWR D26064 (Repair/Replacement Plan 3-94-100). This specific NIS-2 is to document the installation of the new CRD capscrews as well as to show the changeout of the CRD which was in-service prior to D3R13.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 10-5 (Date), 1994

Certificate of 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 [illegible], employed by HSB I&I CO of Hartford, CT having inspected the Replacement (Repair or Replacement) described in this report on 11-2-94, [illegible] 1-11-95, 19 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: [illegible]-94 Inspector: [signature] Commissions: NB7742 N,I,S,B IL 937 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7/15/93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D 20753 394-039
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC III, 1965 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	8382	N/A	S/N 8382	78	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	6310	N/A	S/N 6310	74	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	None	N/A	1-8 x 5½"	N/A	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT# 52613	N/A	1-8 x 5½"	N/A	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTROL ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION G-7 AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I+I CO of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-16-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-16-94 Inspector: [signature] Commissions: IL932, NB7742 N I&S (State/or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7/15/93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

D20751 3-94-040
Repair Organization P.O. No., Job No. etc.

3. Work Performed By: OWNER (Name)
SAME (Address)

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC III, 19 65 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	509C	N/A	S/N 509C	67	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A5710	N/A	S/N A5710	81	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	None	N/A	1-8 x 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HTH 52613	N/A	1-8 x 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTROL ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION D-10 AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 [illegible], employed by HSB I&I CO of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-16-94, 19__ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: [illegible]-94 Inspector: [illegible signature] Commissions: NB7712N,I&3, IL-432 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 8/23/93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D21302 7-94-044
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC III, 1965 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	1053	N/A	S/N 1053	69	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	A9623	N/A	S/N A9623	75	REPLACEMENT	YES
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	NONE	N/A	1-8 X 5½"	UNK	REPLACED	NO
C.R.D. FLANGE BOLTS	GENERAL ELECTRIC	HT# 52613	N/A	1-8 X 5½"	UNK	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE AND REPLACE CONTROL ROD DRIVE FLANGE BOLTS.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION [illegible] AND REPLACED 8 EA. CONTROL ROD DRIVE FLANGE BOLTS WITH NEW OR VT-1 INSPECTED BOLTS

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.
(Repair or Replacement)

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSBI&ICC of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 12-16-94, 19 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 12-16-94 Inspector: [illegible signature] Commissions: IL937 NB7742 N,I,A
(State or Province, National Board)

DOCUMENT NO. 18

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7-23-94

Sheet: 1 Of 2

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

NWR D05349 3-94-059
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 / CCSW

5. (a) Construction Code B31.1.0, 1967 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3/4-10 x 2 3/4" CAPSCREW	UNKNOWN	N/A	N/A	A193	N/A	REPLACED	NO
3/4-10 THREADED ROD	UNKNOWN	N/A	N/A	A193	N/A	REPLACEMENT	NO
3/4-10 HEX NUT	UNKNOWN	N/A	N/A	A194	N/A	REPLACEMENT	NO

7. Description of work: NEW FASTENERS TO PERMIT PROPER THREAD ENGAGEMENT FOR ABRASIVE SEPARATOR INSTALLATION AND FASTENER REPLACEMENT

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: Replaced existing pump cover capscrews with studs and hex nuts in accordance with Minor Plant Change P12-3-93-61B. Also replaced some of the inlet flange bolting (studs and nuts).

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 8-22 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I&I CO of HARTFORD, CT having inspected the Replacement (Repair or Replacement) described in this report on 11-1-, 1994 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 11-1-94 Inspector: [signature] Commissions: IL 937 NB 7742 N1SB (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7-23-94

Sheet: 2 Of 2

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

NWR D05349 3-94-059
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 (CCSW)

5. (a) Construction Code B31.1, 1967 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
7/8-9 STUD	UNKNOWN	N/A	N/A	A193	N/A	REPLACED	NO
7/8-9 STUD	UNKNOWN	N/A	N/A	A193	N/A	REPLACEMENT	NO
7/8-9 NUT	UNKNOWN	N/A	N/A	A194	N/A	REPLACED	NO
7/8-9 NUT	UNKNOWN	N/A	N/A	A194	N/A	REPLACEMENT	NO

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 3-8-94

Sheet: 1 Of 2

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: SAME AS ABOVE (Name)

SAME AS ABOVE (Address)

WR# 23070 P.W# 3-94-062
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500

5. (a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NO

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NO

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
VALVE 2"	Unknown	N/A	*	None	*	Replaced	NO
PIPE 2"	"	N/A	*	"	*	Replaced	NO
TEE 2"	"	N/A	*	"	*	Replaced	NO
REDUCER 2" X 1"	"	N/A	*	"	*	Replaced	NO
							NO
SEE THE	ATTACHED	SHEET		FOR	REPLACEMENT		NO

7. Description of work: Replace 3"A" LPCI sample / drain line per PIR-3-93-292 and perform a hydrostatic test.

8. Test Conducted: Hydrostatic [✓] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 350 psig Test Temperature 81.2 °F

9. Remarks: (* UNKNOWN) Replaced bottom head drain piping on 3A LPCI Heat Exchanger to install chemistry sampling point under MRC PIR-3-93-292.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 10-5 (Date), 19 94

Certificate of 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 Illinois, employed by HSB I+I C.O of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 11-21-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 11-21-94 Inspector: Robert T. Rainey Commissions: NB7742-NBIB, IL 932
(State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10-3-94

Sheet: 2 Of 2

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: SAME AS Above (Name)
" " " (Address)

WR #23070 - P12-3-93-292
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500

5. (a) Construction Code USAS B31.1.0, 1967 Edition, NO Addenda, Code Cases NO

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NO

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
VALVE 2"	HANCOCK	2-5500W	N/A	model 5500	N/A	Replacement	NO
PIPE 2"	Si # 551A30*	N/A	N/A	Sch 80 - CS ASTM A-106 GR. B	N/A	Replacement	NO
TEE 2" 3000 lb	Si # 558A56*	N/A	N/A	ASTM A-105 CS	N/A	Replacement	NO
Reducer 2"x1"	Si # 779B52*	N/A	N/A	3000 # ASTM A-105 CS	N/A	Replacement	NO
* Manufacturer is Unknown, Year Built is Unknown.							
				BGlasey 10/5/94			

As Required by the Provisions of ASME Code Section XI

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL 60690 (Address)

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL 60450 (Address)

3. Work Performed By: S.G. PINNEY (Name)
P.O. Box 9220 PORT ST. LUCIE FL 34985 (Address)

Date: 6-21-94

Sheet: 1 of 1

Unit: 3

PLAN. 3-94-063/D05274/P12-3-94-218
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1600

5. (a) Construction Code ASME USAS B31.1.0 (6K 6-24-94) 19 67 Edition, ______ Addenda, Code Cases None

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NA Addenda, Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfr. Serial No.	Nat Bd No	Other ID	Yr Bt	Repair, Replaced or Replacement	Code Stamped Yes/No
BARSTOCK STUD BOLTS 1" DIA	NA	808E14	NA	D93-00378	93	Replacement	No
Hex Nuts 1"	NA	808F14	NA	D93-00379	93	Replacement	No
Studs	Unknown	N/A	N/A	N/A	Unk.	Replaced	NO
Nuts	Unknown	N/A	N/A	N/A	Unk.	Replaced	NO

7. Description of work: T-QUENCHER BOLTING/STUDS + NUTS REPLACED.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure ________ psig Test Temperature ________ °F

9. Remarks: Existing 17-4 PH material removed and replaced in accordance with Minor Plant Change P12-3-94-218.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 8-22 (Date), 19 94

Certificate of 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 ILLINOIS, employed by HSBI+ICO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 8-26, 19 94 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 8-26-94 Inspector: [signature] Commissions: NB7742 AISB, IL 932 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 4/23/94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D12862 ~~[illegible]~~ 394-074
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1100

5. (a) Construction Code USAS B31.1, 1967 Edition, N/A Addenda, Code Cases N/A
△ ASME Section VIII 1965 Edition

(b) Edition of Section XI used for Repair/Replacement 1986 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
SEAMLESS PIPE	UNKNOWN	N/A	N/A	3-1106B-1½"-A	N/A	REPLACED	NO
PIPE FLANGE	UNKNOWN	N/A	N/A	3-1106B-1½"-A	N/A	REPLACED	NO
△ Relief Valve	Crosby	N/A	N/A	3-1105A	N/A	Replaced	
SEAMLESS PIPE	UNKNOWN	N/A	N/A	SI#766C31	N/A	REPLACEMENT	NO
PIPE FLANGE	UNKNOWN	N/A	N/A	SI#766071	N/A	REPLACEMENT	NO
△ Relief Valve	Crosby	N/A	N/A	3-1105A	N/A	Replacement	

7. Description of work: PIPE WAS REMOVED BY GRINDING. NEW PIPE WELDED IN. NEW FLANGE WELDED ONTO NEW PIPE IN SHOP

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

⊛ Test Pressure ~~1675~~/1000 psig Test Temperature ⊛ ~~Norm~~ 71°F/Nominal °F
BAC 8/30/94

⊛ 9. Remarks:
Hydrostatic test was performed with relief valves blanked off to challenge newly installed welds on 4-21-94. Inservice leak test was performed with relief valves installed on 4-28-94. Tried to get a Serial Number off of newly installed valve, but system is covered with heat tracing and insulation.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 10-6 (Date), 1994

Certificate of 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 Illinois, employed by HSBI&ICo of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 1-9, 1995 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 1-9-95 Inspector: Robert T. Ramey Commissions: IL932, NB7742 N,I,S,B (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL. 60690 (Address)

Date: 4/23/94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

NR# 12861 Doc#13

3. Work Performed By: OWNER (Name)
SAME (Address)

Repair Organization P.O. No., Job No. etc.
RRP 2-94-075

4. Identification of System: 1100

5. (a) Construction Code USAS B31.1, 1967 Edition, N/A Addenda, Code Cases N/A
(ASME Section VIII 1965 Edition)

(b) Edition of Section XI used for Repair/Replacement 1986 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
STAINLESS PIPE	UNKNOWN	N/A	N/A	3-1106A-1½"-A	N/A	REPLACED	NO
PIPE FLANGE	UNKNOWN	N/A	N/A	3-1106A-1½"-A	N/A	REPLACED	NO
Relief Valve	Crosby	N/A	N/A	3-1105A		Replaced	
STAINLESS PIPE	UNKNOWN	N/A	N/A	SI# 766C31	N/A	REPLACEMENT	NO
PIPE FLANGE	UNKNOWN	N/A	N/A	SE# 766D71	N/A	REPLACEMENT	NO
Relief Valve	Crosby	N/A	N/A	3-1105A		Replacement	

7. Description of work: PIPE WAS REMOVED BY GRINDING NEW PIPE WELDED IN. FLANGE WELDED TO NEW PIPE IN SHOP.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 1075/1000 psig Test Temperature 72°F/NOMINAL °F

9. Remarks: Hydrostatic test was performed with relief valves blanked off to challenge newly installed welds on 4-20-94. Inservice leak test was performed with relief valves installed on 4-28-94. Tried to get a Serial Number off of the newly installed valve, but system was covered with heat tracing and insulation.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 8-30 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I&I CO of HARTFORD, CT having inspected the Replacement (Repair or Replacement) described in this report on 1-9-95, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 1-9-95 Inspector: [signature] Commissions: IL932, NB7742 N1513 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 6-7-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 606901 (Address)

WR #D24741, Plan Number 3-94-081
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500, EPN M-1200D-251

5. (a) Construction Code USAS B31.1, 1967 Edition, na Addenda, Code Cases na

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, na Addenda, Code Cases na

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Bolt, 7/8" dia.	na	na	na	ASTM A-193	na	Replaced	no
Nut, for 7/8" dia. bolt	na	na	na	ASTM A-194	na	replaced	no
Capscrew (7/8"-9 x 5")	Unknown	N/A	N/A	SI# 790H53	N/A	Replacement	NO
Hexnuts (7/8"-9)	Unknown	N/A	N/A	SI# 530A10	N/A	Replacement	NO

7. Description of work: A longer bolt and two nuts were installed.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [x]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: Replaced existing capscrew and hex nuts with new material to achieve full nut engagement and restore support to intended configuration. VT-3/4 examination was performed after maintenance was complete and is acceptable.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 1-5 (Date), 1995

Certificate of 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 ILLINOIS, employed by HSBI&ICO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 1-9, 1995 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 1-9-95 Inspector: [signature] Commissions: IL932, NB7742, NIS5 (State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

DAP 11-18
REVISION 05

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 7-21-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: Same as Above (Name)
Same as Above (Address)

D20325 (3-94-082)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 2300 HPCI

5. (a) Construction Code USAS B31.1.0, 1967 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Valve Disc	Crane	Unknown	N/A	3-2301-5	N/A	Replaced	NO
Valve Disc	Crane	N/A	N/A	3-2301-5	N/A	Replacement	NO

7. Description of work: Replaced existing valve disk with a refurbished spare disc which was refurbished under NWR D24688.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: None.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-7, 1994 (Date)

Certificate of 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 ILLINOIS, employed by HSB I&I CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 11-21-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 11-21-94 Inspector: Robt T. Rainey Commissions: NB7742N1SB, IC932 (State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

REVISION 05

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 1-5-95

Sheet: 1 Of 1

Unit: 3

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

3. Work Performed By: Same as Above (Name)
Same as Above (Address)

D21144 (3-94-083)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: ~~USAS B31.1.0~~ BJC 1-5-95 2300 HPCI

5. (a) Construction Code USAS B31.1.0, 1967 Edition, No Addenda, Code Cases None

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, No Addenda, Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
8 Hex Nuts (1"-8)	Unknown	N/A	N/A	N/A	N/A	Replaced	NO
8 Studs (1"-8 x 5½")	Unknown	N/A	N/A	N/A	N/A	Replaced	NO
8 Hex Nuts (1"-8)	Unknown	Heat Code J1B	N/A	SI# 796D05	N/A	Replacement	NO
8 Studs (1"-8 x 5½")	Unknown	N/A	N/A	SI# 500E55	N/A	Replacement	NO

7. Description of work: Replaced stretched studs and replaced eight hex nuts on valve bonnet.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: Examined valve during operating surveillance DOS 2300-03 (Reactor Vessel at 920 psig). No leakage observed.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed : Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 1-5 (Date), 1995

Certificate of 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 Illinois, employed by HSB I & I Co. of Hartford CT having inspected the Replacement (Repair or Replacement) described in this report on 1-10, 1995 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 1-10-95 Inspector: [signature] Commissions: IL932, NB7742 N,I,S,B (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 9-22-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 606901 (Address)

WR #D22519, Plan Number 3-94-084
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 2300, EPN 3-2301-4

5. (a) Construction Code USAS B31.1, 1967 Edition, na Addenda, Code Cases na

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, ~~89~~ NO Addenda, Code Cases na
BJL 9/22/94

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Valve Disc	Crane	na	na	Crane Part # CA01166	na	Replaced	no
Valve Disc	Crane	C2617	na	Crane Part # CA01166	na	Replacement	no

7. Description of work: Replaced valve disc.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [x]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: Existing wedge replaced with new wedge procured from valve OEM. Modified disc guide slots per vendor recommendation / Engineering Letter CHRON # 0301192.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 9-22 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I&I CO of HARTFORD, CT. having inspected the Replacement (Repair or Replacement) described in this report on 11-21-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 11-21-94 Inspector: Matt T. Rainey Commissions: IL 4322 NB 7742 N I S (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 4-28-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 03

3. Work Performed By: Owner (Name)

Same as above (Address)

D25654 DOC #11 (3-94-08
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1100

5. (a) Construction Code ANSI B31.1, 19 67 Edition, NO Addenda, Code Cases None

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Pipe Clamp	Unknown	Unknown	N/A	M-1190D-284	Unk.	Replaced	No
Pipe Clamp	Bergen Paterson	Fig. 610U	N/A	M-1190D-284	Unk.	Replacement	No

7. Description of work: Replace existing clamp with proper clamp.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: Existing clamp was replaced with proper clamp as depicted in Drawing M-1190D-284 Rev. A.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 8-22 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I&C Co of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 8-27-94 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 8-29-94 Inspector: Robert T Lamey Commissions: NB7742 NISB, IL932
(State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL 60690 (Address)

Date: 4-28-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL, 60450 (Address)

Unit: 3

3. Work Performed By: SAME AS ABOVE (Name)

WR # 20116 (3-94-088)
Repair Organization P.O. No., Job No. etc.

SAME AS ABOVE (Address)

4. Identification of System: 1400

5. (a) Construction Code USAS B31.1.0 19 67 Edition, NONE Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NONE Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
BONNET BOLTING	X	X	NA	3-1402-13-A	NA	REPLACED	NO
BONNET BOLTING	HANCOCK	N/A	NA	3-1402-13-A	NA	REPLCMENT	NO

7. Description of work: REPLACE BONNET BOLTING ~~WITH NEW SI #~~ BJC 11-7-94 which was cannibalized from spare valve assembly in the Storeroom (SI# 790D74) Existing capscrew heads were rounded off from past disassemblies.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] ~~Not Applicable [X]~~ BJC 11-7-94

Test Pressure Nominal psig Test Temperature Ambient °F

9. Remarks: Inservice leak test performed in conjunction with DOS 1400-05 on 7-12-94.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-7 (Date), 19 94

Certificate of 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 ILLINOIS, employed by HSB I&I CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 11-21-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 11-21-94 Inspector: Robert T. Lacey Commissions: IL 932, NB 7742 N I S B
(State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 06/17/94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: Owner (Name)
Same (Address)

D24044 R/RP 3-94-089
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0220, Reactor Feedwater

5. (a) Construction Code USAS B31.1.0, 19 67 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Seat Ring Assy. for a Feedwater Check Valve	Crane	L973 WE (MOD)	n/a	~~3-0220-58A~~ 3-0220-~~58~~B BJC 8-22-94		Repair	No
				D00Z02037SPARV25-			

7. Description of work: A nut and key stock were welded to the flapper. The Hinge pin holes were machined for the proper fit.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure ______ psig Test Temperature ______ °F

9. Remarks: Welded on keeper blocks and hex nut after line boring completed on spare Feedwater Check Valve assembly D00Z02037SPARV25-.

Certificate of Compliance

We certify that the statements made in this report are correct and this Repair (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 8-22 (Date), 19 94

Certificate of 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 ILLINOIS, employed by HSB I&I CO of HARTFORD CT having inspected the Repair (Repair or Replacement) described in this report on 5-29-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 5-29-94 Inspector: [signature] Commissions: NB7742 N I&B, IL 932 (State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

REVISION 05

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 06/17/94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: Owner (Name)

D24045 ~~XXX~~ 394-090
Repair Organization P.O. No., Job No. etc.

Same (Address)

4. Identification of System: 0220, Reactor Feedwater

5. (a) Construction Code USAS B31.1.0, 19 67 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Seat Ring Assy. for a Feedwater Check Valve	Crane	L973 WE (MOD)	n/a	~~3-0220-58A~~ 3-0220-~~58B~~ BAL 8-22-94	Unk.	Repair	No
				D00Z0203BSPARV25-			

7. Description of work: A nut and key stock were welded to the flapper. The Hinge pin holes were machined for the proper fit.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure ____ psig Test Temperature ____ °F

9. Remarks: Welded on keeper blocks and hex nut after line boring completed on spare Feedwater Check Valve assembly D00Z0203BSPARV25-.

Certificate of Compliance

We certify that the statements made in this report are correct and this Repair (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 8-22 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I+I CO of HARTFORD CT having inspected the Repair (Repair or Replacement) described in this report on 4-29-94, 19__ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 5-24-94 Inspector: [signature] Commissions: NB7742 N,I,S,B, IL 932 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 4-30-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 03

3. Work Performed By: Owner (Name)
Same (Address)

D24739 Doc #15 (3-94-09
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500

5. (a) Construction Code USAS B31.1..0, 19 67 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
1-8X4 Hex Head Cap Screw	Unknown	N/A	N/A	M-1200D-256	Unk.	Replaced	No
1-8X5 Hex Head Cap Screw	"	HEAT # 8098719	N/A	"	N/A	Replacement	No
1-8 Nut	Unknown	N/A	N/A	"	Unk.	Replaced	No
1-8 Nut	"	Heat Code J1B	N/A	"	N/A	Replacement	No

7. Description of work: Replace existing capscrews and hex nuts to ~~FC~~ BK-1545 achieve full nut engagement.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: Replaced existing capscrews and hex nuts to achieve full nut engagement. After completion of work, VT-3/4 was performed. Support is acceptable.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 1-5 (Date), 19 95

Certificate of 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 ILLINOIS, employed by HSB I+I CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 1-11-95, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 1-11-95 Inspector: Robt. T. Rainey Commissions: NB7742 NISB ; IL 932 (State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

DAP 11-18
REVISION 05

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 5-2-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: Same as Above (Name)
" " " (Address)

NWR D20344 (3-94-092)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 LPCI

5. (a) Construction Code ASME Sect. VIII, 19 65 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3-1501-13C Relief Valve	Consolidated	C25719	N/A	NONE	N/A	Replaced	NO
3-1501-13C Relief Valve	Consolidated	TH26744	N/A	SI # 503D99	N/A	Replacement	NO

7. Description of work: Replaced existing valve which failed surveillance test with brand new assembly.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 4.4 psig Test Temperature Ambient °F

9. Remarks: VT-2 performed in conjunction with Operations testing on 7-12-94

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-7 (Date), 19 94

Certificate of 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 ILLINOIS, employed by HSB I+CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 11-21-94, 19 ___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 11-21-94 Inspector: [signature] Commissions: IL 932, N13742 NISB (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 1-5-95

Sheet: 1 of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL, 60450 (Address)

Unit: 3

3. Work Performed By: Same as Above (Name)
Same as Above (Address)

D25899 (3-94-095)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 2300 HPCI

5. (a) Construction Code USAS B31.1.0, 1967 Edition, No Addenda, Code Cases None

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, No Addenda, Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Clamp spacer bolt	Unknown	N/A	N/A	None	N/A	Replaced	NO
Clamp spacer nut	Unknown	N/A	N/A	None		Replaced	NO
7/8" x 5" bolt	NPS Industries	N/A	N/A	None	N/A	Replacement	NO
7/8"-9 hex nut	Unknown	N/A	N/A	None		Replacement	NO

7. Description of work: Install missing clamp spacer bolt and hex nut.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: Replaced missing bolt and hex nut. Performed VT-3/4 examination and support is acceptable.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 1-5 (Date), 1995

Certificate of 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 ILLINOIS, employed by HSB I&C CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 1-9, 1995 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 1-9-95 Inspector: Robert T. Kenney Commissions: IL 932, NB 7042 NIS B (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL 60690 (Address)

Date: 4-15-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL. 60450 (Address)

Unit: 3

3. Work Performed By: CECO (Name)
SAME (Address)

P/RP 3-94-077 940120055
Repair Organization P.O. No., Job No. etc.

4. Identification of System: SERVICE WTR.

5. (a) Construction Code USAS B31.1.0, 19 67 Edition, NONE Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NONE Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3/4 x 10 x 3 CAP SCREWS	UNKNOWN	NONE	N/A	NONE	N/A	REPLACED	NO
3/4 x 10 NUTS	UNKNOWN	NONE	N/A	NONE	N/A	REPLACED	NO
3/4 x 10 x 3 1/2 CAP SCREWS	UNKNOWN	NONE	N/A	A-193 B7	N/A	Replacement	NO
3/4 x 10 NUTS	UNKNOWN	NONE	N/A	A-194 2H	N/A	Replacement	NO

7. Description of work: REMOVED BOLTING / INSTALLED LONGER BOLTING / WITH NEW NUTS

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure NOMINAL psig Test Temperature NOMINAL °F

9. Remarks: Longer bolting installed to achieve full nut engagement. Inservice leak test performed during Diesel Generator Surveillance DOS 6600-1.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 ________, employed by HSBI&I Co. of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 11-21-94, 19__ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: [illegible] Inspector: [signature] Commissions: [illegible] (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11-10-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D 26065 (3-94-099)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC. III, 1965 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	1201	N/A	S/N 1201	69	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	888	N/A	S/N 888	69	REPLACEMENT	YES

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE. Drive failed operational testing under NWR D20746.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION L3
CRD Capscrews were replaced under NWR D20746 (Repair/Replacement Plan 3-94-021).

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I+I CO of HARTFORD, CT having inspected the Replacement (Repair or Replacement) described in this report on 1-12, 1995 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 1-12-95 Inspector: Robt T. Varney Commissions: IL932 NB7742N153 (State of Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11-10-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

P 26064 (394-100)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC. III, 1965 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1987 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	A8522	N/A	S/N A8522	88	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC	2F	N/A	S/N 2F	67	REPLACEMENT	YES

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE. Drive had failed operational testing under D20829.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION E12
CRD capscrews were replaced under NWR D20829 (Repair/Replacement Plan 3-94-038).

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan A. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSBI&ICO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 1-12, 1995 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 1-12-95 Inspector: Scott T. Rainey Commissions: IL932, NB7742 N,I,S,B (State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

REVISION 05

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 5-16-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: OWNER (Name)
SAME (Address)

D26066 (3-94-101)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: D-3 CONTROL ROD DRIVE SYS. 300

5. (a) Construction Code ASME SEC. III, 1965 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
CONTROL ROD DRIVE	GENERAL ELECTRIC	8067	N/A	3-0300-C10	'86	REPAIRED	Yes
CONTROL ROD DRIVE	GENERAL ELECTRIC	873	N/A	3-0300-C10	'69	REPLACEMENT	Yes

7. Description of work: REMOVE AND REPLACE CONTROL ROD DRIVE. Drive had failed operational testing under NWR D20731.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: REMOVED AND REPLACED CONTROL ROD DRIVE FROM POSITION C-10 CRD Capscrews were replaced under NWR D20731 (Repair/Replacement Plan 3-94-020).

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 1994

Certificate of 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 ILLINOIS; employed by HSB I&CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 1-12, 1995 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 1-12-95 Inspector: Robert T Reeves Commissions: IL932, NB7742 NIS B
(State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL. 60690 (Address)

Date: 6-20-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: COMMONWEALTH EDISON (Name)
SAME (Address)

PIRP 3-94-102 NWR D25173
Repair Organization P.O. No., Job No. etc.

4. Identification of System: LOW PRESSURE COOLANT INJECTION

5. (a) Construction Code USAS B31.1.0, 1962 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
10 PIPE SUPPORT	UNKNOWN	UNKNOWN	N/A	M-3413-29	NA	REPAIR	NO

7. Description of work: REMOVED BASE PLATE AND STRAIGHTENED PLATE REINSTALLED PLATE AND HANGER ROD AND PAINTED

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [✓]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: VT-3/4 PERFORMED ON REPAIRED SUPPORT

Certificate of Compliance

We certify that the statements made in this report are correct and this Repair (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 8-22 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSBI+ICO of HARTFORD CT having inspected the Repair (Repair or Replacement) described in this report on 6-29-94, 19__ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 6-29-94 Inspector: [signature] Commissions: NB7742N1SB, IL932 (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name) Date: 06-06-94
One First National Plaza, Chicago IL 60690 (Address) Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL 60450 (Address) Unit: 3

3. Work Performed By: OWNER (Name) WR # 20112 3-94-104
Repair Organization P.O. No., Job No. etc.

SAME AS ABOVE (Address)

4. Identification of System: 2300

5. (a) Construction Code USAS B31.1.0, 19 67 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

	Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
①	HPCI AUX. CLG PUMP SPOOL PIECE WITH							
	RAISED FACE FLANGES., 4" DIAMETER.	N/A	N/A	N/A	3-2312-4"-DX	NA	REPAIR	N/A
②	3/4-10 STUDS/NUTS	Unknown	N/A	N/A	Unknown	N/A	REPLACED	NO
	3/4"-10 Studs	Cardinal	HT# 8673133	N/A	SI# 796D75	N/A	Replacement	NO
	3/4"-10 Heavy Hex Nuts	Unknown	HT# 3RC9293	N/A	SI# 796D01	N/A	Replacement	NO

7. Description of work: Repaired pitted area on raised flange surface as well as ~~bolting~~ BJC 11-7-94 replace bolting material that had minor corrosion.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure Nominal psig Test Temperature Ambient °F

9. Remarks: Inservice leak test performed in conjunction with Operating surveillance DOS 2300-3.

Certificate of Compliance

We certify that the statements made in this report are correct and this Repair/Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-7 (Date), 1994

Certificate of 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 Illinois, employed by HSBI&I Co. of Hartford, CT having inspected the Repair / Replacement (Repair or Replacement) described in this report on 11-30-94 19__ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 11-30-94 Inspector: [signature] Commissions: IL 937 / NB 7742 N,I,S (State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 6-7-94

Sheet: 1 Of 1

Unit: 3

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

3. Work Performed By: Same as Above (Name)
" " " (Address)

D20113 (3-94-105)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 2300 HPCI

5. (a) Construction Code USAS B.31.1.0, 1967 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Valve 3-2301-50A	Unknown	N/A	N/A	Unknown	N/A	Replaced	NO
Bonnet Studs							
Valve 3-2301-50A	Unknown	N/A	N/A	SI # 500E52	N/A	Replacement	NO
Bonnet Studs							

7. Description of work: Replaced existing check valve bonnet studs with new ~~material~~ BJC 11-7-94 due to the existing studs having minor corrosion.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure Nominal psig Test Temperature Ambient °F

9. Remarks: Inservice leak test performed in conjunction with Operations surveillance on 11-2-94.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-7 (Date), 1994

Certificate of 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 Illinois, employed by HSB I&I C.O. of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 11-30-94 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 11-30-94 Inspector: [signature] Commissions: IL 922 NB 7742 N I S B (State or Province, National Board)

D20316

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 6-25-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2, 3, 2/3

3. Work Performed By: CECO (Name)
RR #1 Morris IL. 60450 (Address)

D20316 P/RT #394-11C
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 6600

5. (a) Construction Code B31.1.0 (BAC) TEMA Class C, 1967 (N/A) Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No. (AD 7/14/94 B)	Nat Brd No	Other ID (Serial Number) (BAC B1844)	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
HEAT EXCHANGER	ELECTRO MOTIVE	~~846544~~		>346545	UNK	REPAIR	NO
HEAT EXCHANGER	ELECTRO-MOTIVE	~~545643~~		> 346544	UNK	REPAIR	NO
END COVER BOLTING/NUTS	—	—	—	5/8-11	UNK	REPLACED	NO
~~BOLTS~~							
BAR STOCK THREADED	—	—		5/8-11	UNK	REPLACEMENT	NO
NUTS				5/8-11 2H	UNK	"	NO

7. Description of work: WELD REPAIR ON HT. EXCH. FLANGES TO CORRECT EROSION - WELD IN NEW DIVISION PLATE STRIP

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: Pressure testing to be performed when heat exchangers are installed. BJ Casey 8-18-94

Certificate of Compliance

We certify that the statements made in this report are correct and this Repair / Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 8-18 (Date), 1994

Certificate of 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 ILLINOIS, employed by HSB I+CO of HARTFORD CT having inspected the Repair / Replacement (Repair or Replacement) described in this report on 8-18-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 8-18-94 Inspector: Robert J Pairney Commissions: NB7742 HSB, IL 932
(State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 6-29-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: CECO (Name)
Same as Plant (Address)

D 21339 (3-94-111)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0201 Nuclear Boiler

5. (a) Construction Code USAS B31.1.0, 1967 Edition, NO Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
1" THREADED ROD	UNKNOWN	NONE	N/R	NONE	N/R	REPLACED	NO
1" THREADED ROD	UNKNOWN	NONE	N/R	A-193	NR	REPLACEMENT	NO
1" HEAVY HEX NUTS	UNKNOWN	NONE	R	NONE	N/R	REPLACED	NO
1" HEAVY HEX NUTS	UNKNOWN	NONE	N/R	A-194	N/R	REPLACEMENT	NO

7. Description of work: REPLACE STUDS TO OBTAIN FULL NUT ENGAGEMENT
REPLACE NUTS AS A GOOD MAINT. PRACTICE

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: Replaced existing studs without full nut engagement with longer studs (also replaced nuts for those studs).

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 9-23 (Date), 1994

Certificate of 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 Illinois, employed by HSB I+I CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 11-21-94, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 11-21-94 Inspector: [signature] Commissions: IL 932, NB 7742 NIS B (State or Province, National Board)

1. Owner: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 1-4-95

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: SAME (Name)
SAME (Address)

D12899 (3-94-113)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 3-2310-4"-LK 3-2301-46

5. (a) Construction Code USAS B31.1.0, 1967 Edition, N/A Addenda, Code Cases None

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, N/A Addenda, Code Cases None

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
NUT (5/8"-11)	unknown	N/A	N/A	None	N/A	RePLACED	NO
NUT (5/8"-11)	unknown	Heat Number B068128	N/A	SI# 796C99	N/A	REPLACEMENT	NO

7. Description of work: INSTALL 5/8-11 BONNET BOLT NUT (Original lost during disassembly).

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: Nut was lost during disassembly of 3-2301-46 Valve and was replaced with one hex nut. Bolted connection was leak checked during DOS 2300-3 and accepted.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 1-4 (Date), 1995

Certificate of 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 ILLINOIS, employed by HSBI+ICO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 1-12-95, 19___ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date: 1-12-95 Inspector: Robert T. [signature] Commissions: IL932, NB7742 N I S B (State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. OWNER: COMMONWEALTH EDISON (NAME) DATE: 12/14/91
CHICAGO IL. (ADDRESS) SHEET: 1 OF 8
2. PLANT: DRESDEN (NAME) UNIT: 3
R.R. 1 MORRIS, IL. (ADDRESS)
3. WORK PERFORMED BY: SAME (NAME) NWR D04893 RPR LOG# 256
REPAIR ORGANIZATION P.O. NO., JOB NO. ETC.
SAME (ADDRESS) BGL 3-44 See Attached N-2 Forms For Edition/Addenda
4. IDENTIFICATION OF SYSTEM: D3 CONTROL ROD DRIVE REMOVAL AND INSTALLATION DEC. 91
5. (a) APPLICABLE CONSTRUCTION CODE III ~~19~~ 65 ~~EDITION, N/A~~ ADDENDA, CODE CASES SEE ATTACHED FORM N-2
(b) APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS ~~1974~~, ~~S.75~~ ADDENDA, CODE CASES ~~N/A~~ *
6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED, AND REPLACEMENT COMPONENTS 1977, S.79 1-5-94 * See attached data sheets. BGL 1-4-94

NAME OF COMPONENT	NAME OF MFR.	MFRS. SER. NO.	NAT'L. BD. NO.	CRN NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED, OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
C.R.D.	G.E.	~~1030~~ 1028	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	A3465	N/A	N/A	N/A	~~1967~~ 1971 S73	REPLACEMENT	YES
						JD. 1-4-94		
C.R.D.	G.E.	1009	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	161	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES

7. DESCRIPTION OF WORK: REMOVE AND REPLACE CONTROL ROD DRIVES
8. TESTS CONDUCTED: HYDROSTATIC [ ] PNEUMATIC [ ] NOMINAL OPERATING PRESSURE [ ] OTHER [X]
PRESSURE: 1100 PSI. TEST TEMP. 180 DEG. F
9. REMARKS: REMOVED 28 DRIVES AND REPLACED WITH 28 REBUILT DRIVES INSTALLED CRD A3465 UNDER WR# D97954. INSTALLED CRD 161 UNDER W.R.# D97939

CERTIFICATE OF COMPLIANCE

WE CERTIFY THAT THE STATEMENTS MADE IN THIS REPORT ARE CORRECT AND THIS REPLACEMENT (REPAIR OR REPLACEMENT) CONFORMS TO SECTION XI OF THE ASME CODE.

SIGNED: [signature] (OWNER OR OWNER'S DESIGNEE) SEC (TITLE) 1-5 (DATE), 1994

CERTIFICATE OF 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 ILLINOIS, EMPLOYED BY HARTFORD STEAM BOILER INSPECTION & INSURANCE CO. OF HARTFORD, CT. HAVING INSPECTED THE REPLACEMENT (REPAIR(S) OR REPLACEMENT(S)) DESCRIBED IN THIS REPORT ON 1/12, 1994 AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS REPAIR OR REPLACEMENT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH SECTION XI OF THE ASME CODE. BY SIGNING THIS CERTIFICATE, NEITHER THE INSPECTOR NOR HIS EMPLOYER MAKES ANY WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE REPAIR OR REPLACEMENT DESCRIBED IN THIS 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.

DATE: 1/12/94 INSPECTOR: [signature] COMMISSIONS: IL 1617 (STATE OR PROVINCE, NATIONAL BOARD)

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 4 ON THIS DATA 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 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

(Continuation page)

1. OWNER: Commonwealth Edison Company (NAME) DATE: 12/14/91
R.R. #1, Morris, Illinois 60450 (ADDRESS) SHEET: 2 OF 8

2. PLANT: Dresden Nuclear Power Station (NAME) UNIT: 3
Same (ADDRESS)

3. WORK PERFORMED BY: Owner (NAME) Work Request #D04893 Repair Program # 256
Same (ADDRESS) REPAIR ORGANIZATION P.O. NO. , JOB NO. ETC.

4. IDENTIFICATION OF SYSTEM: D3 C.R.D. REMOVAL AND INSTALLATION DEC. 91

5. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED, AND REPLACEMENT COMPONENTS (continuation)

NAME OF COMPONENT	NAME OF MFR.	MFRS. SER. NO.	NAT'L. BD. NO.	CRN NO.	OTHER IDENTI-FICATION	YEAR BUILT	REPAIRED, REPLACED, OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
C.R.D.	G.E.	891	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	A8276	N/A	N/A	N/A	~~1967~~ 1971	REPLACEMENT	YES
					ND. 1-4-94			
C.R.D.	G.E.	9174	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	50	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
					ND. 1-4-94			
C.R.D.	G.E.	986	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	252	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
					ND. 1-4-94			
C.R.D.	G.E.	1052	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	97	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
					ND. 1-4-94			

7. DESCRIPTION OF WORK (continued):

9. REMARKS (continued): INSTALLED CRD A8276 UNDER WR# D97932. INSTALLED CRD 50 UNDER WR# D97941. INSTALLED CRD 252 UNDER WR# D97940. INSTALLED CRD 97 UNDER WR# D97933

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

(Continuation page)

1. OWNER: Commonwealth Edison Company (NAME) DATE: 12/14/91
R.R. #1, Morris, Illinois 60450 (ADDRESS) SHEET: 3 OF 8

2. PLANT: Dresden Nuclear Power Station (NAME) UNIT: 3
Same (ADDRESS)

3. WORK PERFORMED BY: Owner (NAME) Work Request #D 04893 Repair Program # 256
Same (ADDRESS) REPAIR ORGANIZATION P.O. NO., JOB NO. ETC.

4. IDENTIFICATION OF SYSTEM: D3 C.R.D. REMOVAL AND INSTALLATION DEC. 91

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED, AND REPLACEMENT COMPONENTS (continuation)

NAME OF COMPONENT	NAME OF MFR.	MFRS. SER. NO.	NAT'L. BD. NO.	CRN NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED, OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
C.R.D.	G.E.	5461	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	980	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
						ND 1-4-94		
C.R.D.	G.E.	1272	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	1091	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
						ND 1-4-94		
C.R.D.	~~G.E.~~	~~A4708~~	~~N/A~~	~~N/A~~	~~N/A~~	~~1967~~	REPLACED	~~YES~~ RHS * 1/12/94
C.R.D.	~~G.E.~~	~~1445~~ 1061 ND 1-4-94	~~N/A~~	~~N/A~~	~~N/A~~	~~1967~~ *	REPLACEMENT	~~YES~~
						ND 1-4-94		
C.R.D.	G.E.	270	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	297	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
						ND. 1-4-94		

7. DESCRIPTION OF WORK (continued):

~~A-4708~~ REPLACED
~~1445~~ 1061 REPLACEMENT
ND. 1-4-94

9. REMARKS (continued): INSTALLED CRD 980 UNDER WR# D97944. INSTALLED CRD 1091 UNDER WR# D 97935. (INSTALLED CRD 1061 UNDER WR# D 06072.)* INSTALLED CRD 297 UNDER WR# D97936

RHS 1/12/94 * S/N 1061 INSTALLED UNDER NWR D06072. A NIS-2 FORM WAS INCLUDED IN THIS NWR(D06072) FOR DRIVE 1061.

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

(Continuation page)

1. OWNER: Commonwealth Edison Company (NAME) DATE: 12/14/91
R.R. #1, Morris, Illinois 60450 (ADDRESS) SHEET: 4 OF 8

2. PLANT: Dresden Nuclear Power Station (NAME) UNIT: 3
Same (ADDRESS)

3. WORK PERFORMED BY: Owner (NAME) Work Request #D 04893 Repair Program # 256
Same (ADDRESS) REPAIR ORGANIZATION P.O. NO., JOB NO. ETC.

4. IDENTIFICATION OF SYSTEM: D3 C.R.D. REMOVAL AND INSTALLATION DEC. 91

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED, AND REPLACEMENT COMPONENTS (continuation)

NAME OF COMPONENT	NAME OF MFR.	MFRS. SER. NO.	NAT'L. BD. NO.	CRN NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED, OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
C.R.D.	G.E.	944	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	~~A8541~~ A8544	N/A	N/A	N/A	~~1967~~ 1974	REPLACEMENT	YES
					ID 1-4-94			
C.R.D.	G.E	229A	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	320	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
					ID 1-4-94			
C.R.D.	G.E.	1026	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	27	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
					ID 1-4-94			
C.R.D.	G.E.	909	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	819	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
					ID 1-4-94			

7. DESCRIPTION OF WORK (continued):

9. REMARKS (continued): INSTALLED CRD A8544 UNDER WR# D97953. INSTALLED CRD 320 UNDER WR# D97942. INSTALLED CRD 27 UNDER WR# D97943. INSTALLED CRD 819 UNDER WR# D97955

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

(Continuation page)

1. OWNER: Commonwealth Edison Company (NAME) DATE: 12/14/91
R.R. #1, Morris, Illinois 60450 (ADDRESS) SHEET: 5 OF 8

2. PLANT: Dresden Nuclear Power Station (NAME) UNIT: 3
Same (ADDRESS)

3. WORK PERFORMED BY: Owner (NAME) Work Request #D 04893 Repair Program # 256
Same (ADDRESS) REPAIR ORGANIZATION P.O. NO. , JOB NO. ETC.

4. IDENTIFICATION OF SYSTEM: D3 C.R.D. REMOVAL AND INSTALLATION DEC. 91

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED, AND REPLACEMENT COMPONENTS (continuation)

NAME OF COMPONENT	NAME OF MFR.	MFRS. SER. NO.	NAT'L. BD. NO.	CRN NO.	OTHER IDENTI-FICATION	YEAR BUILT	REPAIRED, REPLACED, OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
C.R.D.	G.E.	134	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	427C	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
						AM 1-4-94		
C.R.D.	G.E.	2018	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	887A	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
						AM 1-4-94		
C.R.D.	G.E.	1098	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	A5444	N/A	N/A	N/A	~~1967~~ 1971 W78	REPLACEMENT	YES
						AM 1-4-94		
C.R.D.	G.E.	824	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	A8736	N/A	N/A	N/A	~~1967~~ 1974 W78	REPLACEMENT	YES
						AM 1-4-94		

7. DESCRIPTION OF WORK (continued):

9. REMARKS (continued): INSTALLED CRD 427C UNDER WR# D97949. INSTALLED CRD 887A UNDER WR# D97929. INSTALLED CRD A5444 UNDER WR# D97952. INSTALLED CRD A8736 UNDER WR# D97948

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

(Continuation page)

1. OWNER: Commonwealth Edison Company (NAME) DATE: 12/14/91
R.R. #1, Morris, Illinois 60450 (ADDRESS) SHEET: 6 OF 8

2. PLANT: Dresden Nuclear Power Station (NAME) UNIT: 3
Same (ADDRESS)

3. WORK PERFORMED BY: Owner (NAME) Work Request #D04893 Repair Program # 256
Same (ADDRESS) REPAIR ORGANIZATION P.O. NO., JOB NO. ETC.

4. IDENTIFICATION OF SYSTEM: D3 C.R.D. REMOVAL AND INSTALLATION DEC. 91

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED, AND REPLACEMENT COMPONENTS (continuation)

NAME OF COMPONENT	NAME OF MFR.	MFRS. SER. NO.	NAT'L. BD. NO.	CRN NO.	OTHER IDENTI-FICATION	YEAR BUILT	REPAIRED, REPLACED, OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
C.R.D.	G.E.	1920	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	28	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
						MD 1-4-94		
C.R.D.	G.E.	1080	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	709C	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
						MD 1-4-94		
C.R.D.	G.E.	6228	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	1041	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
						MD 1-4-94		
C.R.D.	G.E.	885A	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	412C RHB 1-12-94	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
						MD 1-4-94		

7. DESCRIPTION OF WORK (continued):

9. REMARKS (continued): INSTALLED CRD 28 UNDER WR# D97930. INSTALLED CRD 709C UNDER WR# D97934. INSTALLED CRD 1041 UNDER WR# D97945. INSTALLED CRD 412C UNDER WR# D97951.

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

(Continuation page)

1. OWNER: Commonwealth Edison Company (NAME) DATE: 12/14/91
R.R. #1, Morris, Illinois 60450 (ADDRESS) SHEET: 7 OF 8

2. PLANT: Dresden Nuclear Power Station (NAME) UNIT: 3
Same (ADDRESS)

3. WORK PERFORMED BY: Owner (NAME) Work Request #D04893 Repair Program # 256
Same (ADDRESS) REPAIR ORGANIZATION P.O. NO. , JOB NO. ETC.

4. IDENTIFICATION OF SYSTEM: D3 C.R.D. REMOVAL AND INSTALLATION DEC. 91

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED, AND REPLACEMENT COMPONENTS (continuation)

NAME OF COMPONENT	NAME OF MFR.	MFRS. SER. NO.	NAT'L. BD. NO.	CRN NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED, OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
C.R.D.	G.E.	1088	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	950	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
						NR 1-4-94		
C.R.D.	G.E.	991	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	A8734	N/A	N/A	N/A	~~1967~~ 1974 W75	REPLACEMENT	YES
						NR 1-4-94		
C.R.D.	G.E.	1022	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	1029	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
						NR 1-4-94		
C.R.D.	G.E.	1020	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	1064	N/A	N/A	N/A	~~1967~~ *	REPLACEMENT	YES
						NR 1-4-94		

7. DESCRIPTION OF WORK (continued):

9. REMARKS (continued): INSTALLED CRD 950 UNDER WR# D97950. INSTALLED CRD A8734 UNDER WR# D97946. INSTALLED CRD 1029 UNDER WR# D97937. INSTALLED CRD 1064 UNDER WR# D97947.

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

(Continuation page)

1. OWNER: Commonwealth Edison Company (NAME) DATE: 12/14/91
R.R. #1, Morris, Illinois 60450 (ADDRESS) SHEET: 8 OF 8

2. PLANT: Dresden Nuclear Power Station (NAME) UNIT: 3
Same (ADDRESS)

3. WORK PERFORMED BY: Owner (NAME) Work Request #D04893 Repair Program # 256
Same (ADDRESS) REPAIR ORGANIZATION P.O. NO., JOB NO. ETC.

4. IDENTIFICATION OF SYSTEM: D3 C.R.D. REMOVAL AND INSTALLATION DEC. 91

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED, AND REPLACEMENT COMPONENTS (continuation)

NAME OF COMPONENT	NAME OF MFR.	MFRS. SER. NO.	NAT'L. BD. NO.	CRN NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED, OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
C.R.D.	G.E.	108	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	1070	N/A	N/A	N/A	~~1967~~ * 1-4-94	REPLACEMENT	YES
C.R.D.	G.E.	1300	N/A	N/A	N/A	~~1967~~	REPLACED	YES
C.R.D.	G.E.	1078	N/A	N/A	N/A	~~1967~~ * 1-4-94	REPLACEMENT	YES

7. DESCRIPTION OF WORK (continued):

8. REMARKS (continued): INSTALLED CRD 1070 UNDER WR# D 02122. INSTALLED CRD 1078 UNDER WR# D 97931.

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. OWNER: COMONWERLTH EDISON (NAME) DATE: 1/22/92
CHICAGO, ILLINOIS (ADDRESS) SHEET: 1 OF 1

2. PLANT: DRESDEN (NAME) UNIT: III
R.R. 1 MORRIS, ILLINOIS 60450 (ADDRESS)

3. WORK PERFORMED BY: SAME (NAME) NAR D06072 NPR LOG 8264
SAME (ADDRESS) REPAIR ORGANIZATION P.O. NO., JOB NO. ETC.

4. IDENTIFICATION OF SYSTEM: D-3 CONTROL ROD DRIVE REMOVAL AND INSTALLATION

5. (a) APPLICABLE CONSTRUCTION CODE III 19 65 EDITION, NA 67 ADDENDA, CODE CASES
(b) APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS - 1977, S.79 ADDENDA, CODE CASE

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED, AND REPLACEMENT COMPONENTS

NAME OF COMPONENT	NAME OF MFR.	MFRS. SER. NO.	NAT'L. BD. NO.	CRN NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED, OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
C.R.D.	G.E.	1445	N/A	N/A	N/A	1967	REPLACED	YES
C.R.D.	G.E.	1861	N/A	N/A	N/A	N/A 1967	REPLACEMENT	YES

7. DESCRIPTION OF WORK: REMOVE AND REPLACE CONTROL ROD DRIVE FROM RX POSITION M-10

8. TESTS CONDUCTED: HYDROSTATIC [ ] PNEUMATIC [ ] NOMINAL OPERATING PRESSURE [ ] OTHER [X]
PRESSURE: 1100 PSI. TEST TEMP. 100 DEG. F

9. REMARKS: REMOVED AND REPLACED 1 CONTROL ROD DRIVE FROM POSITION M-10.

CERTIFICATE OF COMPLIANCE

WE CERTIFY THAT THE STATEMENTS MADE IN THIS REPORT ARE CORRECT AND THIS REPLACEMENT (REPAIR OR REPLACEMENT) CONFORMS TO SECTION X ASME CODE.

SIGNED: L. Heron (OWNER OR OWNER'S DESIGNEE) TECHNICAL SUPT (TITLE) JUNE 1, 19 92 (DATE)

CERTIFICATE OF INSPECTION

I, THE UNDERSIGNED, HOLDING A VALID COMMISSION ISSUED BY THE NATIONAL BOARD OF BOILER AND PRESSURE VESSEL INSPECTORS AND STATE OR PROVINCE OF Illinois, EMPLOYED BY HARTFORD STEAM BOILER INSP. & INS. CO HARTFORD, CT HAVING INSPECTED THE Replacement (REPAIR(S) OR REPLACEMENT(S)) DESCRIBED IN THIS REPORT ON 6-01 AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS REPAIR OR REPLACEMENT HAS BEEN CONSTRUCTED IN ACCORDANCE SECTION XI OF THE ASME CODE. BY SIGNING THIS CERTIFICATE, NEITHER THE INSPECTOR NOR HIS EMPLOYER MAKES ANY WARRANTY, IMPLIED, CONCERNING THE REPAIR OR REPLACEMENT DESCRIBED IN THIS REPORT. FURTHERMORE, NEITHER THE INSPECTOR NOR HIS EM BE LIABLE IN ANY MANNER FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE OR A LOSS OF ANY KIND ARISING FROM OR CONNECTED WI INSPECTION.

DATE: 6-01-92 INSPECTOR: [signature] COMMISSIONS: I 1561 (STATE OR PROVINCE, NATIONAL)

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 4 ON THIS DATA REPORT IS INCLUDED ON EACH SHEET, AND (3) EACH SHEET IS NUMBE AND THE NUMBER OF SHEETS IS RECORDED AT THE TOP OF THIS FORM.

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As required by the Provisions of ASME Code Section XI

1. OWNER: COMMONWEALTH EDISON (NAME) DATE: 3/20/92
R.R. #1 MORRIS, ILL. (ADDRESS) SHEET: 1 OF 1

2. PLANT: DRESDEN (NAME) UNIT: 03
SAME AS ABOVE (ADDRESS)

3. WORK PERFORMED BY: SAME AS ABOVE (NAME) W.R.:D97938 RPR.#283 REPAIR ORGANIZATION P.O. NO., JOB NO. ETC.
SAME AS ABOVE (ADDRESS) *BJC 4-11-94

4. IDENTIFICATION OF SYSTEM: 0300, CONTROL ROD DRIVE

5. (a) APPLICABLE CONSTRUCTION CODE ~~B 31 1~~ Section III 1965 EDITION, N/A ADDENDA, CODE CASES N/A
(b) APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS - 1977, S79 ADDENDA, CODE CASES N/A

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED, AND REPLACEMENT COMPONENTS

NAME OF COMPONENT	NAME OF MFR.	MFRS. SER. NO.	NAT'L. BD. NO.	CRN NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED, OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
CRD BOLTS	G.E.	HEAT CODE JZG	N/A	N/A	N/A	N/A	REPLACEMENT	NO
CRD Bolts	GE	Unknown	N/A	N/A	N/A	Unknown	Replaced	NO

7. DESCRIPTION OF WORK: REPLACED ~~EIGHT~~ FOUR (4) FLANGE BOLTS ON C.R.D. *BJC 4-11-94

8. TESTS CONDUCTED: HYDROSTATIC [ ] PNEUMATIC [ ] NOMINAL OPERATING PRESSURE [ ] OTHER [X]
PRESSURE: 1100 PSI. TEST TEMP. 180 DEG. F

9. REMARKS:

CERTIFICATE OF COMPLIANCE

WE CERTIFY THAT THE STATEMENTS MADE IN THIS REPORT ARE CORRECT AND THIS REPAIR (REPAIR OR REPLACEMENT) CONFORMS TO SECTION XI OF THE ASME CODE.

SIGNED: [signature] (OWNER OR OWNER'S DESIGNEE) SEC (TITLE) 1-11- (DATE), 19 94

CERTIFICATE OF 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 ILLINOIS, EMPLOYED BY HARDFORD STEAM BOILER INSPECTION AND INSURANCE CO. OF HARTFORD CT. HAVING INSPECTED THE REPLACEMENT (REPAIR(S) OR REPLACEMENT(S)) DESCRIBED IN THIS REPORT ON 1/11, 19 94

AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS REPAIR OR REPLACEMENT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH SECTION XI OF THE ASME CODE. BY SIGNING THIS CERTIFICATE, NEITHER THE INSPECTOR NOR HIS EMPLOYER MAKES ANY WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE REPAIR OR REPLACEMENT DESCRIBED IN THIS 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.

DATE: 1/11/94 INSPECTOR: [signature] COMMISSIONS: IL 1617 (STATE OR PROVINCE, NATIONAL BOARD)

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 4 ON THIS DATA 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 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

1. OWNER: COMMONWEALTH EDISON COMPANY (NAME) DATE: 04-14-92
R.R.#1. MORRIS, ILLINOIS ZIP CODE NO 60450 (ADDRESS) SHEET: 1 OF 1

2. PLANT: DRESDEN NUCLEAR POWER STATION (NAME) UNIT: 2/3
SAME (ADDRESS)

3. WORK PERFORMED BY: OWNER (NAME) WORK REQUEST NO. D01353 REPAIR PROGRAM NO. #288
SAME (ADDRESS) REPAIR ORGANIZATION P.O. NO., JOB NO. ETC.

4. IDENTIFICATION OF SYSTEM: 2/3-02003 SPAR 18" FEEDWATER TILTING CHECK VALVE [200 SYS]

5. (a) APPLICABLE CONSTRUCTION CODE B31-1 19 67 EDITION, N/A ADDENDA, CODE CASES N/A
(b) APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS - 1989, 1989 ADDENDA, CODE CASES N/A

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED, AND REPLACEMENT COMPONENTS

NAME OF COMPONENT	NAME OF MFR.	MFRS. SER. NO.	NAT'L. BD. NO.	CRN NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED, OR	ASME CODE STAMPED (YES OR NO)
18" TILTING DISC. CHK. VLV.	CHAPMAN VLV. [CRANE]	CV-02003-8-04 [MB-5]	N/A	N/A	2/3-02003 SPAR	1967	[REPAIR]	[NO]

7. DESCRIPTION OF WORK: MACHINE EXISTING DEPOISIT OF STELLITE FROM DISC REWELD AND REMACHINE FOR A SPARE.

8. TESTS CONDUCTED: HYDROSTATIC [ ] PNEUMATIC [ ] NOMINAL OPERATING PRESSURE [ ] OTHER [X]
PRESSURE: 55 PSI. TEST TEMP. AMBIENT DEG. F

9. REMARKS: MACHINE EXISTING STELLITE FROM SEAT AND PERFORM WELD BUILDUP ON SEAT FOLLOWING THE CRITERIA OF TESCO PROCEDURE WPS 21-SMAW-LP LAT. REV.
LLRT PER W.R. D01353 MMP & TRAVELER EXEMPT FROM PRESSURE TEST PER IWA 4400 (b)

CERTIFICATE OF COMPLIANCE

WE CERTIFY THAT THE STATEMENTS MADE IN THIS REPORT ARE CORRECT AND THIS [REPAIR] (REPAIR OR REPLACEMENT) CONFORMS TO SECTION XI OF THE ASME CODE.

SIGNED: [signature] (OWNER OR OWNER'S DESIGNEE) TECH. SUPT. (TITLE) 9-21 (DATE), 1993

CERTIFICATE OF 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 ILLINOIS, EMPLOYED BY HARTFORD STEAM BOILER INSPECTION AGENCY OF CONNECTICUT HAVING INSPECTED THE [REPAIRS] (REPAIR(S) OR REPLACEMENT(S)) DESCRIBED IN THIS REPORT ON 9/21, 1993

AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS REPAIR OR REPLACEMENT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH SECTION XI OF THE ASME CODE. BY SIGNING THIS CERTIFICATE, NEITHER THE INSPECTOR NOR HIS EMPLOYER MAKES ANY WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE REPAIR OR REPLACEMENT DESCRIBED IN THIS 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.

DATE: 9/21/93 INSPECTOR: [signature] COMMISSIONS: IC 1617 (STATE OR PROVINCE, NATIONAL BOARD)

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 4 ON THIS DATA 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.

DOC. NO. P43

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

OWNER: COMMONWEALTH EDISON CO. (NAME) DATE: 11-05-90

R.R. #1 MORRIS, ILLINOIS 60450 (ADDRESS) SHEET: 1 OF 2

2. PLANT: DRESDEN NUCLEAR POWER STATION (NAME) UNIT: 3

SAME (ADDRESS)

3. WORK PERFORMED BY: OWNER (NAME) WORK REQUEST D93116 (MOD. M12-3-90-18) REPAIR ORGANIZATION P.O. NO., JOB NO. ETC.

SAME (ADDRESS)

4. IDENTIFICATION OF SYSTEM: 3900 (D/G COOLING WATER DISCHARGE CHECK VALVE/PIPING

5. (a) APPLICABLE CONSTRUCTION CODE B31.1 1967 EDITION, N/A ADDENDA, CODE CASES N/A

(b) APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS - 1977, S79 ADDENDA, CODE CASES NONE

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED, AND REPLACEMENT COMPONENTS

NAME OF COMPONENT	NAME OF MFR.	MFRS. SER. NO.	NAT'L. BD. NO.	CRN NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED, OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
CHECK VALVE	CRANE	N/A	N/A	N/A	PART# 373	N/A	REPLACED	NO
PIPING/								
CHECK VALVE	CNS	N/A	N/A	N/A	N/A	1990	RELACEMENT	NO
SUPPORTS: SEE CONTIUATION SHEET								

DESCRIPTION OF WORK: REPLACE THE 8" CHECK VALVE WITH A 6" CHECK VALVE & MODIFY THE COOLING WATER PUMP DISCH. PIPING & SUPPORTS

8. TESTS CONDUCTED: HYDROSTATIC [X] PNEUMATIC [ ] NOMINAL OPERATING PRESSURE [ ] OTHER [ ]
PRESSURE: 165 PSI. TEST TEMP. AMBIENT DEG. F

9. REMARKS:

CERTIFICATE OF COMPLIANCE

WE CERTIFY THAT THE STATEMENTS MADE IN THIS REPORT ARE CORRECT AND THIS REPLACEMENT (REPAIR OR REPLACEMENT) CONFORMS TO SECTION XI OF THE ASME CODE.

SIGNED: [signature] (OWNER OR OWNER'S DESIGNEE) Production Supt TITLE 10/18, 1991 (DATE)

CERTIFICATE OF 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 ILLINOIS, EMPLOYED BY HARTFORD STEAM BOILER INSPECTION AGENCY OF HARTFORD CONNECTICUT HAVING INSPECTED THE REPLACEMENT (REPAIR(S) OR REPLACEMENT(S)) DESCRIBED IN THIS REPORT ON June 11, 1993 AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS REPAIR OR REPLACEMENT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH SECTION XI OF THE ASME CODE. BY SIGNING THIS CERTIFICATE, NEITHER THE INSPECTOR NOR HIS EMPLOYER MAKES ANY WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE REPAIR OR REPLACEMENT DESCRIBED IN THIS 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.

DATE: 06-11-93 INSPECTOR: [signature] COMMISSIONS: IL 1561 (STATE OR PROVINCE, NATIONAL BOARD)

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 4 ON THIS DATA 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 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

(Continuation page)

1. OWNER: Commonwealth Edison Company (NAME) DATE: 11-05-90
R.R. #1, Morris, Illinois 60450 (ADDRESS) SHEET: 2 OF 2

2. PLANT: Dresden Nuclear Power Station (NAME) UNIT: 3
Same (ADDRESS)

3. WORK PERFORMED BY: Owner (NAME) Work Request # D93116 (M12-3-90-18) REPAIR ORGANIZATION P.O. NO. , JOB NO. ETC.
Same (ADDRESS)

4. IDENTIFICATION OF SYSTEM:

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED, AND REPLACEMENT COMPONENTS (continuation)

NAME OF COMPONENT	NAME OF MFR.	MFRS. SER. NO.	NAT'L. BD. NO.	CRN NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED, OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
SUPPORT	CECO	N/A	N/A	N/A	IM-1198D-565	1983	REPAIRED	NO
SUPPORT	CECO	N/A	N/A	N/A	IM-1198D-93	1983	REPLACED	NO
SUPPORT	CECO	N/A	N/A	N/A	IM-1198D-94	1984	REPAIRED	NO
SUPPORT	CECO	N/A	N/A	N/A	I3-39290-R1	1990	REPLACEMENT	NO
SUPPORT	CECO	N/A	N/A	N/A	I3-39261-R1	1990	REPLACEMENT	NO
SUPPORT	CECO	N/A	N/A	N/A	I3-39261-R2	1990	REPLACEMENT	NO

7. DESCRIPTION OF WORK (continued):

9. REMARKS (continued):